

Advances in functional and structural MR image analysis

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Phenytoin prolongs farâ€field somatosensory and auditory evoked potential interpeak latencies. <i>Neurology</i> , 1982, 32, 85-85.	1.5	52
2	Multiple sclerosis and autoimmune diseases. <i>Neurology</i> , 1983, 33, 97-97.	1.5	42
3	Overview of fMRI analysis. <i>British Journal of Radiology</i> , 2004, 77, S167-S175.	1.0	138
4	Brain Plasticity and Clinical Applications of fMRI. <i>The Neuroradiology Journal</i> , 2005, 18, 493-501.	0.1	1
5	Multiple Sclerosis Medical Image Analysis and Information Management. <i>Journal of Neuroimaging</i> , 2005, 15, 103S-117S.	1.0	22
6	Clinical Applications of Functional Magnetic Resonance Imaging. <i>Imaging Decisions (Berlin, Germany)</i> , 2005, 9, 16-22.	0.2	3
7	Hippocampal activations during encoding and retrieval in a verbal working memory paradigm. <i>NeuroImage</i> , 2005, 25, 1224-1231.	2.1	92
8	Content Based Image Retrieval for MR Image Studies of Brain Tumors. , 2006, 2006, 3337-40.		14
9	Segmentation of fMRI Data by Maximization of Region Contrast. , 0, , .		0
10	Consistent resting-state networks across healthy subjects. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 13848-13853.	3.3	3,817
11	Multilevel Segmentation and Integrated Bayesian Model Classification with an Application to Brain Tumor Segmentation. <i>Lecture Notes in Computer Science</i> , 2006, 9, 790-798.	1.0	32
12	fMRI resting state networks define distinct modes of long-distance interactions in the human brain. <i>NeuroImage</i> , 2006, 29, 1359-1367.	2.1	1,124
13	Tract-based spatial statistics: Voxelwise analysis of multi-subject diffusion data. <i>NeuroImage</i> , 2006, 31, 1487-1505.	2.1	5,755
14	Anatomically informed interpolation of fMRI data on the cortical surface. <i>NeuroImage</i> , 2006, 31, 1475-1486.	2.1	42
15	An fMRI study of cerebral processing of brush-evoked allodynia in neuropathic pain patients. <i>NeuroImage</i> , 2006, 32, 256-265.	2.1	181
16	A stereotaxic MRI template set for the rat brain with tissue class distribution maps and co-registered anatomical atlas: Application to pharmacological MRI. <i>NeuroImage</i> , 2006, 32, 538-550.	2.1	292
17	Human cerebral cortex: A system for the integration of volume- and surface-based representations. <i>NeuroImage</i> , 2006, 33, 139-153.	2.1	66
18	Neural responses to non-native phonemes varying in producibility: Evidence for the sensorimotor nature of speech perception. <i>NeuroImage</i> , 2006, 33, 316-325.	2.1	232

#	ARTICLE	IF	CITATIONS
19	A neural network reflecting individual differences in cognitive processing of emotions during perceptual decision making. <i>NeuroImage</i> , 2006, 33, 1016-1027.	2.1	96
20	Between session reproducibility and between subject variability of diffusion MR and tractography measures. <i>NeuroImage</i> , 2006, 33, 867-877.	2.1	245
21	Developing functional magnetic resonance imaging techniques for alert macaque monkeys. <i>Methods</i> , 2006, 38, 210-220.	1.9	20
22	Determining anatomical connectivities between cortical and brainstem pain processing regions in humans: A diffusion tensor imaging study in healthy controls. <i>Pain</i> , 2006, 123, 169-178.	2.0	182
23	Role for Human Posterior Parietal Cortex in Visual Processing of Aversive Objects in Peripersonal Space. <i>Journal of Neurophysiology</i> , 2006, 95, 205-214.	0.9	131
24	An fMRI Study of Semantic Priming: Modulation of Brain Activity by Varying Semantic Distances. <i>Cognitive and Behavioral Neurology</i> , 2006, 19, 194-201.	0.5	25
25	The Neural Basis of Relational Memory Deficits in Schizophrenia. <i>Archives of General Psychiatry</i> , 2006, 63, 356.	13.8	118
26	The BOLD Effect of Interictal Spike Activity in Childhood Occipital Lobe Epilepsy. <i>Epilepsia</i> , 2006, 47, 1536-1542.	2.6	28
27	A cluster-based quantitative procedure in an fMRI study of Parkinson's disease. <i>Magnetic Resonance Imaging</i> , 2006, 24, 419-424.	1.0	5
28	A General XML Schema and SPM Toolbox for Storage of Neuro-Imaging Results and Anatomical Labels. <i>Neuroinformatics</i> , 2006, 4, 199-212.	1.5	35
29	Lesion probability maps of white matter hyperintensities in elderly individuals. <i>Journal of Neurology</i> , 2006, 253, 1064-1070.	1.8	64
30	Cortical damage in brains of patients with adult-form of myotonic dystrophy type 1 and no or minimal MRI abnormalities. <i>Journal of Neurology</i> , 2006, 253, 1471-1477.	1.8	27
31	A hybrid tissue segmentation approach for brain MR images. <i>Medical and Biological Engineering and Computing</i> , 2006, 44, 242-249.	1.6	23
32	Neuroanatomical and behavioral asymmetry in an adult compensated dyslexic. <i>Brain and Language</i> , 2006, 98, 169-181.	0.8	32
33	A brief introduction to functional MRI. <i>IEEE Engineering in Medicine and Biology Magazine</i> , 2006, 25, 24-26.	1.1	41
34	Evaluating fMRI preprocessing pipelines. <i>IEEE Engineering in Medicine and Biology Magazine</i> , 2006, 25, 27-41.	1.1	125
35	Applying FSL to the FIAC data: Model-based and model-free analysis of voice and sentence repetition priming. <i>Human Brain Mapping</i> , 2006, 27, 380-391.	1.9	69
36	Inference for magnitudes and delays of responses in the FIAC data using BRAINSTAT/FMRISTAT. <i>Human Brain Mapping</i> , 2006, 27, 434-441.	1.9	10

#	ARTICLE	IF	CITATIONS
37	High-resolution fMRI at 1.5T using balanced SSFP. <i>Magnetic Resonance in Medicine</i> , 2006, 55, 161-170.	1.9	66
38	The role of fMRI in drug discovery. <i>Journal of Magnetic Resonance Imaging</i> , 2006, 23, 862-876.	1.9	183
39	Imaging brain damage in first-degree relatives of sporadic and familial multiple sclerosis. <i>Annals of Neurology</i> , 2006, 59, 634-639.	2.8	69
40	Brain damage as detected by magnetization transfer imaging is less pronounced in benign than in early relapsing multiple sclerosis. <i>Brain</i> , 2006, 129, 2008-2016.	3.7	75
41	Cholinergic challenge in Alzheimer patients and mild cognitive impairment differentially affects hippocampal activation—a pharmacological fMRI study. <i>Brain</i> , 2006, 129, 141-157.	3.7	110
42	Unconscious vision: new insights into the neuronal correlate of blindsight using diffusion tractography. <i>Brain</i> , 2006, 129, 1822-1832.	3.7	210
43	Manifestations of early brain recovery associated with abstinence from alcoholism. <i>Brain</i> , 2006, 130, 36-47.	3.7	169
44	Motor Cortex Activation During Treatment May Predict Therapeutic Gains in Paretic Hand Function After Stroke. <i>Stroke</i> , 2006, 37, 1552-1555.	1.0	155
45	Raloxifene Treatment Enhances Brain Activation during Recognition of Familiar Items: a Pharmacological fMRI Study in Healthy Elderly Males. <i>Neuropsychopharmacology</i> , 2006, 31, 1508-1518.	2.8	38
46	Integrated measurement system for simultaneous functional magnetic resonance imaging and diffuse optical tomography in human brain mapping. <i>Review of Scientific Instruments</i> , 2006, 77, 114301.	0.6	9
47	Involvement of human left dorsolateral prefrontal cortex in perceptual decision making is independent of response modality. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 10023-10028.	3.3	318
48	Functional Magnetic Resonance Imaging in Nursing Research. <i>Biological Research for Nursing</i> , 2006, 8, 43-54.	1.0	2
49	Pain sensitivity and fMRI pain-related brain activity in Alzheimer's disease. <i>Brain</i> , 2006, 129, 2957-2965.	3.7	197
50	1G-1 Treatment of Near-Skull Brain Tissue Using Shear Mode Conversion. , 2006, , .		0
51	Automatic Mri Brain Tissue Segmentation Using a Hybrid Statistical and Geometric Model. , 0, , .		8
52	Adaptive Brain Tissue Classification with Fuzzy Spatial Modeling in 3T IR-FSPGR MR Images. , 2006, , .		4
53	Modulation of competing memory systems by distraction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 11778-11783.	3.3	465
54	A Distributed Workflow Management System for Automated Medical Image Analysis and Logistics. , 2006, , .		6

#	ARTICLE	IF	CITATIONS
55	Neural Substrates of Dynamic Object Occlusion. Journal of Cognitive Neuroscience, 2007, 19, 1275-1285.	1.1	30
56	More Is Not Always Better: Increased Fractional Anisotropy of Superior Longitudinal Fasciculus Associated with Poor Visuospatial Abilities in Williams Syndrome. Journal of Neuroscience, 2007, 27, 11960-11965.	1.7	258
57	3D Variational Brain Tumor Segmentation using a High Dimensional Feature Set. , 2007, , .		63
58	EEG-Informed fMRI Reveals Spatiotemporal Characteristics of Perceptual Decision Making. Journal of Neuroscience, 2007, 27, 13082-13091.	1.7	174
59	A Prospective Cohort Study on Sustained Effects of Low-Dose Ecstasy Use on the Brain in New Ecstasy Users. Neuropsychopharmacology, 2007, 32, 458-470.	2.8	59
60	Diffusion tensor imaging in preclinical and presymptomatic carriers of familial Alzheimer's disease mutations. Brain, 2007, 130, 1767-1776.	3.7	229
61	Globally Optimal Multimodal Rigid Registration: An Analytic Solution using Edge Information. Proceedings International Conference on Image Processing, 2007, , .	0.0	13
62	The Neural Correlates of an Expanded Functional Field of View. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2007, 62, 32-44.	2.4	32
63	Power in Voxel-based Lesion-Symptom Mapping. Journal of Cognitive Neuroscience, 2007, 19, 1067-1080.	1.1	255
64	Cortical reorganization in patients with cervical spondylotic myelopathy. Journal of Neurosurgery: Spine, 2007, 6, 544-551.	0.9	73
65	Treatment of near-skull brain tissue with a focused device using shear-mode conversion: a numerical study. Physics in Medicine and Biology, 2007, 52, 7313-7332.	1.6	43
66	Impact of realignment on spinal functional MRI time series. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 2126-9.	0.5	6
67	Perfusion fMRI detects deficits in regional CBF during memory-encoding tasks in MCI subjects. Neurology, 2007, 69, 1650-1656.	1.5	95
68	Parameter Sweeps for Functional MRI Research in the "Virtual Laboratory for e-Science" Project. , 2007, , .		8
69	Whole-Brain Histogram and Voxel-Based Analyses of Diffusion Tensor Imaging in Patients with Leukoaraiosis: Correlation with Motor and Cognitive Impairment. American Journal of Neuroradiology, 2007, 28, 1313-1319.	1.2	84
70	Workflow-Based Approaches to Neuroimaging Analysis. Methods in Molecular Biology, 2007, 401, 235-266.	0.4	6
71	Evolution of fMRI Activation in the Perilesional Primary Motor Cortex and Cerebellum With Rehabilitation Training-Related Motor Gains After Stroke: A Pilot Study. Neurorehabilitation and Neural Repair, 2007, 21, 412-428.	1.4	75
72	Evidence for a vascular contribution to diffusion FMRI at high <i>b</i> value. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 20967-20972.	3.3	81

#	ARTICLE	IF	CITATIONS
74	Attention modulates sound processing in human auditory cortex but not the inferior colliculus. <i>NeuroReport</i> , 2007, 18, 1311-1314.	0.6	35
75	Local epileptogenic networks in tuberous sclerosis complex: A case review. <i>Epilepsy and Behavior</i> , 2007, 11, 140-146.	0.9	38
76	Age effects on gray matter volume and attentional performance in Zen meditation. <i>Neurobiology of Aging</i> , 2007, 28, 1623-1627.	1.5	290
77	Endogenous cortisol level interacts with noradrenergic activation in the human amygdala. <i>Neurobiology of Learning and Memory</i> , 2007, 87, 57-66.	1.0	146
78	Increased cognitive load during simple and complex motor tasks in acute stage after stroke. <i>International Journal of Psychophysiology</i> , 2007, 63, 173-180.	0.5	38
79	Distributed cortical networks for focused auditory attention and distraction. <i>Neuroscience Letters</i> , 2007, 416, 247-251.	1.0	39
80	The relationship between brain morphometry and neuropsychological performance in alcohol dependence. <i>Neuroscience Letters</i> , 2007, 428, 21-26.	1.0	56
81	Automatic segmentation of left and right cerebral hemispheres from MRI brain volumes using the graph cuts algorithm. <i>NeuroImage</i> , 2007, 34, 1160-1170.	2.1	26
82	Connectivity-based parcellation of human cortex using diffusion MRI: Establishing reproducibility, validity and observer independence in BA 44/45 and SMA/pre-SMA. <i>NeuroImage</i> , 2007, 34, 204-211.	2.1	182
83	Sources of systematic bias in hypercapnia-calibrated functional MRI estimation of oxygen metabolism. <i>NeuroImage</i> , 2007, 34, 35-43.	2.1	70
84	Thalamo-cortical connectivity in children born preterm mapped using probabilistic magnetic resonance tractography. <i>NeuroImage</i> , 2007, 34, 896-904.	2.1	124
85	Human brain activity associated with audiovisual perception and attention. <i>NeuroImage</i> , 2007, 34, 1683-1691.	2.1	56
86	Multimodal fMRI tractography in normal subjects and in clinically recovered traumatic brain injury patients. <i>NeuroImage</i> , 2007, 34, 1331-1341.	2.1	27
87	Scanning for the scanner: FMRI of audition by read-out omissions from echo-planar imaging. <i>NeuroImage</i> , 2007, 35, 234-243.	2.1	8
88	Diffusion tensor imaging with tract-based spatial statistics reveals local white matter abnormalities in preterm infants. <i>NeuroImage</i> , 2007, 35, 1021-1027.	2.1	287
89	Capsaicin-induced thermal hyperalgesia and sensitization in the human trigeminal nociceptive pathway: An fMRI study. <i>NeuroImage</i> , 2007, 35, 1586-1600.	2.1	56
90	Atrophy is associated with posterior cingulate white matter disruption in dementia with Lewy bodies and Alzheimer's disease. <i>NeuroImage</i> , 2007, 36, 1-7.	2.1	87
91	Discordant white matter N-acetylaspartate and diffusion MRI measures suggest that chronic metabolic dysfunction contributes to axonal pathology in multiple sclerosis. <i>NeuroImage</i> , 2007, 36, 19-27.	2.1	93

#	ARTICLE	IF	CITATIONS
92	Longitudinal and cross-sectional analysis of atrophy in Alzheimer's disease: Cross-validation of BSI, SIENA and SIENAX. <i>NeuroImage</i> , 2007, 36, 1200-1206.	2.1	100
93	A Bayesian framework for global tractography. <i>NeuroImage</i> , 2007, 37, 116-129.	2.1	243
94	A component based noise correction method (CompCor) for BOLD and perfusion based fMRI. <i>NeuroImage</i> , 2007, 37, 90-101.	2.1	3,466
95	Cerebral blood flow and BOLD responses to a memory encoding task: A comparison between healthy young and elderly adults. <i>NeuroImage</i> , 2007, 37, 430-439.	2.1	99
96	A calibration method for quantitative BOLD fMRI based on hyperoxia. <i>NeuroImage</i> , 2007, 37, 808-820.	2.1	165
97	Topography of cortical and subcortical connections of the human pedunculo-pontine and subthalamic nuclei. <i>NeuroImage</i> , 2007, 37, 694-705.	2.1	182
98	Signal and noise characteristics of SSFP FMRI: A comparison with GRE at multiple field strengths. <i>NeuroImage</i> , 2007, 37, 1227-1236.	2.1	42
99	Regional brain atrophy development is related to specific aspects of clinical dysfunction in multiple sclerosis. <i>NeuroImage</i> , 2007, 38, 529-537.	2.1	35
100	Scanning Probe Microscopy in Materials Science. , 2007, , 929-968.		3
101	Efficient Least Squares Multimodal Registration With a Globally Exhaustive Alignment Search. <i>IEEE Transactions on Image Processing</i> , 2007, 16, 2526-2534.	6.0	44
102	Preoperative DTI and probabilistic tractography in an amputee with deep brain stimulation for lower limb stump pain. <i>British Journal of Neurosurgery</i> , 2007, 21, 485-490.	0.4	25
103	Comparison of Brain Masking Techniques in Functional Magnetic Resonance Imaging. , 2007, , .		7
104	Anatomically related grey and white matter abnormalities in adolescent-onset schizophrenia. <i>Brain</i> , 2007, 130, 2375-2386.	3.7	718
105	PROBABILISTIC SEGMENTATION OF BRAIN TUMORS BASED ON MULTI-MODALITY MAGNETIC RESONANCE IMAGES. , 2007, , .		21
106	The relationship between performance and fMRI signal during working memory in patients with schizophrenia, unaffected co-twins, and control subjects. <i>Schizophrenia Research</i> , 2007, 89, 191-197.	1.1	118
107	Gaze-Fixation, Brain Activation, and Amygdala Volume in Unaffected Siblings of Individuals with Autism. <i>Biological Psychiatry</i> , 2007, 61, 512-520.	0.7	206
108	Evidence for Reduced Cerebellar Volumes in Trichotillomania. <i>Biological Psychiatry</i> , 2007, 61, 374-381.	0.7	67
109	Reduced Amygdala Activation in Young Adults at High Risk of Alcoholism: Studies from the Oklahoma Family Health Patterns Project. <i>Biological Psychiatry</i> , 2007, 61, 1306-1309.	0.7	114

#	ARTICLE	IF	CITATIONS
110	Neural Substrates of Resisting Craving During Cigarette Cue Exposure. <i>Biological Psychiatry</i> , 2007, 62, 642-651.	0.7	273
111	Canine and Human Visual Cortex Intact and Responsive Despite Early Retinal Blindness from RPE65 Mutation. <i>PLoS Medicine</i> , 2007, 4, e230.	3.9	107
112	Intrauterine Hormonal Environment and Risk of Developing Anorexia Nervosa. <i>Archives of General Psychiatry</i> , 2007, 64, 1402.	13.8	23
113	In vivo analysis of the post-natal development of normal mouse brain by DTI. <i>NMR in Biomedicine</i> , 2007, 20, 413-421.	1.6	58
114	Frontoparietal cortical activity of methamphetamine-dependent and comparison subjects performing a delay discounting task. <i>Human Brain Mapping</i> , 2007, 28, 383-393.	1.9	296
115	Whole brain analysis of T2* weighted baseline fMRI signal in dementia. <i>Human Brain Mapping</i> , 2007, 28, 1313-1317.	1.9	32
116	Heritability of brain volume, surface area and shape: An MRI study in an extended pedigree of baboons. <i>Human Brain Mapping</i> , 2007, 28, 576-583.	1.9	89
117	Flow-metabolism coupling in human visual, motor, and supplementary motor areas assessed by magnetic resonance imaging. <i>Magnetic Resonance in Medicine</i> , 2007, 57, 538-547.	1.9	94
118	Complex data analysis in high-resolution SSFP fMRI. <i>Magnetic Resonance in Medicine</i> , 2007, 57, 905-917.	1.9	31
119	Two-dimensional population map of cortical connections in the human internal capsule. <i>Journal of Magnetic Resonance Imaging</i> , 2007, 25, 48-54.	1.9	56
120	Measurement of cerebral blood volume in humans using hyperoxic MRI contrast. <i>Journal of Magnetic Resonance Imaging</i> , 2007, 26, 894-899.	1.9	61
121	Intercenter agreement of brain atrophy measurement in multiple sclerosis patients using manually edited SIENA and SIENAX. <i>Journal of Magnetic Resonance Imaging</i> , 2007, 26, 881-885.	1.9	45
122	Image registration framework for large-scale longitudinal MRI data sets: strategy and validation. <i>Magnetic Resonance Imaging</i> , 2007, 25, 889-893.	1.0	9
123	Pharmacological modulation of functional connectivity: the correlation structure underlying the phMRI response to d-amphetamine modified by selective dopamine D3 receptor antagonist SB277011A. <i>Magnetic Resonance Imaging</i> , 2007, 25, 811-820.	1.0	69
124	The anxiolytic effects of midazolam during anticipation to pain revealed using fMRI. <i>Magnetic Resonance Imaging</i> , 2007, 25, 801-810.	1.0	57
125	A comparative study of one-level and two-level semiparametric estimation of hemodynamic response function for fMRI data. <i>Statistics in Medicine</i> , 2007, 26, 3845-3861.	0.8	21
126	Increased structural connectivity in grapheme-color synesthesia. <i>Nature Neuroscience</i> , 2007, 10, 792-797.	7.1	358
127	Learning the value of information in an uncertain world. <i>Nature Neuroscience</i> , 2007, 10, 1214-1221.	7.1	1,650

#	ARTICLE	IF	CITATIONS
128	Prefrontal hyperactivation during working memory task in untreated individuals with major depressive disorder. <i>Molecular Psychiatry</i> , 2007, 12, 158-166.	4.1	211
129	A Spatio-Temporal Model for Functional Magnetic Resonance Imaging Data ? with a View to Resting State Networks. <i>Scandinavian Journal of Statistics</i> , 2007, 34, 587-614.	0.9	5
130	Diffusion tensor imaging in dementia with Lewy bodies and Alzheimer's disease. <i>Psychiatry Research - Neuroimaging</i> , 2007, 155, 135-145.	0.9	74
131	The neural correlates of non-spatial working memory in velocardiofacial syndrome (22q11.2 deletion) Tj ETQq1 1 0.784314 rgBT /Ovedle	0.7	82
132	Integrated Support for Medical Image Analysis Methods: From Development to Clinical Application. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2007, 11, 47-57.	3.6	22
133	Comparison of fMRI coregistration results between human experts and software solutions in patients and healthy subjects. <i>European Radiology</i> , 2007, 17, 1634-1643.	2.3	18
134	Bio-Image Warehouse System: Concept and Implementation of a Diagnosis-Based Data Warehouse for Advanced Imaging Modalities in Neuroradiology. <i>Journal of Digital Imaging</i> , 2007, 20, 32-41.	1.6	13
135	Orienting and maintenance of spatial attention in audition and vision: multimodal and modality-specific brain activations. <i>Brain Structure and Function</i> , 2007, 212, 181-194.	1.2	82
136	Detecting treatment effects on brain atrophy in relapsing remitting multiple sclerosis: Sample size estimates. <i>Journal of Neurology</i> , 2007, 254, 1588-94.	1.8	44
137	Comparison of fMRI statistical software packages and strategies for analysis of images containing random and stimulus-correlated motion. <i>Computerized Medical Imaging and Graphics</i> , 2007, 31, 436-446.	3.5	86
138	fMRI bold signal analysis using a novel nonparametric statistical method. <i>Journal of Magnetic Resonance</i> , 2007, 185, 138-151.	1.2	8
139	Study-level wavelet cluster analysis and data-driven signal models in pharmacological MRI. <i>Journal of Neuroscience Methods</i> , 2007, 159, 346-360.	1.3	34
140	Dense mode clustering in brain maps. <i>Magnetic Resonance Imaging</i> , 2007, 25, 1249-1262.	1.0	6
141	Optimal phase difference reconstruction: comparison of two methods. <i>Magnetic Resonance Imaging</i> , 2008, 26, 142-145.	1.0	24
142	Transient and sustained BOLD responses to sustained visual stimulation. <i>Magnetic Resonance Imaging</i> , 2008, 26, 863-869.	1.0	46
143	Diffusion Tensor Imaging of Cerebral White Matter*. <i>Klinische Neuroradiologie</i> , 2008, 18, 155-162.	0.9	1
144	New Horizons for the Next Era of Human Brain Imaging, Cognitive, and Behavioral Research: Pacific Rim Interactivity. <i>Brain Imaging and Behavior</i> , 2008, 2, 227-231.	1.1	2
145	A Java-based fMRI Processing Pipeline Evaluation System for Assessment of Univariate General Linear Model and Multivariate Canonical Variate Analysis-based Pipelines. <i>Neuroinformatics</i> , 2008, 6, 123-134.	1.5	10

#	ARTICLE	IF	CITATIONS
146	High resolution SE-fMRI in humans at 3 and 7 T using a motor task. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2008, 21, 113-120.	1.1	20
147	Magnetic field dependence of the distribution of NMR relaxation times in the living human brain. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2008, 21, 131-147.	1.1	59
148	The impact of EPI voxel size on SNR and BOLD sensitivity in the anterior medio-temporal lobe: a comparative group study of deactivation of the Default Mode. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2008, 21, 279-290.	1.1	45
149	Regional grey matter volumetric changes in forensic schizophrenia patients: an MRI study comparing the brain structure of patients who have seriously and violently offended with that of patients who have not. <i>BMC Psychiatry</i> , 2008, 8, S6.	1.1	37
150	Agreement between different input image types in brain atrophy measurement in multiple sclerosis using SIENAX and SIENA. <i>Journal of Magnetic Resonance Imaging</i> , 2008, 28, 559-565.	1.9	19
151	Brainstem functional magnetic resonance imaging: Disentangling signal from physiological noise. <i>Journal of Magnetic Resonance Imaging</i> , 2008, 28, 1337-1344.	1.9	170
152	From diffusion-weighted MRI to anomalous diffusion imaging. <i>Magnetic Resonance in Medicine</i> , 2008, 59, 447-455.	1.9	181
153	Full-brain coverage and high-resolution imaging capabilities of passband band SSFP fMRI at 3T. <i>Magnetic Resonance in Medicine</i> , 2008, 59, 1099-1110.	1.9	50
154	Modeling SSFP functional MRI contrast in the brain. <i>Magnetic Resonance in Medicine</i> , 2008, 60, 661-673.	1.9	44
155	Quantitative magnetization transfer imaging using balanced SSFP. <i>Magnetic Resonance in Medicine</i> , 2008, 60, 691-700.	1.9	128
156	Relationship among neuroimaging indices of cerebral health during normal aging. <i>Human Brain Mapping</i> , 2008, 29, 36-45.	1.9	94
157	Changes in neural activity associated with learning to articulate novel auditory pseudowords by covert repetition. <i>Human Brain Mapping</i> , 2008, 29, 1231-1242.	1.9	108
158	Resting state sensorimotor functional connectivity in multiple sclerosis inversely correlates with transcallosal motor pathway transverse diffusivity. <i>Human Brain Mapping</i> , 2008, 29, 818-827.	1.9	162
159	Why is the meaning of a sentence better remembered than its form? An fMRI study on the role of novelty encoding processes. <i>Hippocampus</i> , 2008, 18, 909-918.	0.9	40
160	Correlation of magnetization transfer ratio histogram parameters with neuropsychiatric systemic lupus erythematosus criteria and proton magnetic resonance spectroscopy: Association of magnetization transfer ratio peak height with neuronal and cognitive dysfunction. <i>Arthritis and Rheumatism</i> , 2008, 58, 1451-1457.	6.7	35
161	Multimodal image registration using floating regressors in the joint intensity scatter plot. <i>Medical Image Analysis</i> , 2008, 12, 385-396.	7.0	13
162	Dynamics and nonlinearities of the BOLD response at very short stimulus durations. <i>Magnetic Resonance Imaging</i> , 2008, 26, 853-862.	1.0	54
163	Efficient modeling and inference for event-related fMRI data. <i>Computational Statistics and Data Analysis</i> , 2008, 52, 4859-4871.	0.7	10

#	ARTICLE	IF	CITATIONS
164	Comparison of the small-world topology between anatomical and functional connectivity in the human brain. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2008, 387, 5958-5962.	1.2	64
165	A generalized family of fixed-radius distribution-based distance measures for content-based fMRI image retrieval. <i>Pattern Recognition Letters</i> , 2008, 29, 1726-1732.	2.6	0
166	Comprehensive mathematical simulation of functional magnetic resonance imaging time series including motion-related image distortion and spin saturation effect. <i>Magnetic Resonance Imaging</i> , 2008, 26, 147-159.	1.0	8
167	SNR and functional sensitivity of BOLD and perfusion-based fMRI using arterial spin labeling with spiral SENSE at 3 T. <i>Magnetic Resonance Imaging</i> , 2008, 26, 513-522.	1.0	27
168	Detection of deception with fMRI: Are we there yet?. <i>Legal and Criminological Psychology</i> , 2008, 13, 1-9.	1.5	43
169	Associative learning of social value. <i>Nature</i> , 2008, 456, 245-249.	13.7	825
170	The effects of reboxetine on emotional processing in healthy volunteers: an fMRI study. <i>Molecular Psychiatry</i> , 2008, 13, 1011-1020.	4.1	62
171	Combining structural and functional neuroimaging data for studying brain connectivity: A review. <i>Psychophysiology</i> , 2008, 45, 173-187.	1.2	154
172	Neuroanatomical correlates of aging, cardiopulmonary fitness level, and education. <i>Psychophysiology</i> , 2008, 45, 825-838.	1.2	140
173	Language lateralization in temporal lobe epilepsy using functional MRI and probabilistic tractography. <i>Epilepsia</i> , 2008, 49, 1367-1376.	2.6	41
174	Alcohol, Psychological Dysregulation, and Adolescent Brain Development. <i>Alcoholism: Clinical and Experimental Research</i> , 2008, 32, 375-385.	1.4	174
175	Mental fatigue alters the pattern and increases the volume of cerebral activation required for a motor task in multiple sclerosis patients with fatigue. <i>European Journal of Neurology</i> , 2008, 15, 413-419.	1.7	81
176	On the Performance of Autocorrelation Estimation Algorithms for fMRI Analysis. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2008, 2, 828-838.	7.3	49
177	Efficient Multilevel Brain Tumor Segmentation With Integrated Bayesian Model Classification. <i>IEEE Transactions on Medical Imaging</i> , 2008, 27, 629-640.	5.4	348
178	Functional connectivity in an fMRI study of semantic and phonological processes and the effect of l-Dopa. <i>Brain and Language</i> , 2008, 104, 42-50.	0.8	14
179	The neural substrates of probabilistic and intertemporal decision making. <i>Brain Research</i> , 2008, 1234, 104-115.	1.1	154
180	Dedifferentiation in the visual cortex: An fMRI investigation of individual differences in older adults. <i>Brain Research</i> , 2008, 1244, 121-131.	1.1	115
181	Neural systems for executive and emotional processing are modulated by symptoms of posttraumatic stress disorder in Iraq War veterans. <i>Psychiatry Research - Neuroimaging</i> , 2008, 162, 59-72.	0.9	108

#	ARTICLE	IF	CITATIONS
182	Fronto-limbic circuitry in euthymic bipolar disorder: Evidence for prefrontal hyperactivation. <i>Psychiatry Research - Neuroimaging</i> , 2008, 164, 106-113.	0.9	72
183	Cross-validation of brain segmentation by SPM5 and SIENAX. <i>Psychiatry Research - Neuroimaging</i> , 2008, 164, 172-177.	0.9	16
184	Increased extent of object-selective cortex in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2008, 164, 97-105.	0.9	28
185	“Eavesdropping” on social interactions biases threat perception in visuospatial pathways. <i>Neuropsychologia</i> , 2008, 46, 95-101.	0.7	13
186	The role of the thalamus in amnesia: A tractography, high-resolution MRI and neuropsychological study. <i>Neuropsychologia</i> , 2008, 46, 2745-2758.	0.7	57
187	Risk for depression is associated with neural biases in emotional categorisation. <i>Neuropsychologia</i> , 2008, 46, 2896-2903.	0.7	47
188	Functional mapping in PD and PSP for sustained phonation and phoneme tasks. <i>Journal of the Neurological Sciences</i> , 2008, 273, 51-56.	0.3	20
189	Diffusion Tensor Imaging of the Superior Longitudinal Fasciculus and Working Memory in Recent-Onset Schizophrenia. <i>Biological Psychiatry</i> , 2008, 63, 512-518.	0.7	308
190	Hierarchical segmentation of malignant gliomas via integrated contextual filter response. <i>Proceedings of SPIE</i> , 2008, , .	0.8	3
191	Validation of linear cerebral atrophy markers in multiple sclerosis. <i>Journal of Clinical Neuroscience</i> , 2008, 15, 130-137.	0.8	47
192	Use of Diffusion-Tensor Imaging in Traumatic Spinal Cord Injury to Identify Concomitant Traumatic Brain Injury. <i>Archives of Physical Medicine and Rehabilitation</i> , 2008, 89, S85-S91.	0.5	22
193	Altered medial temporal lobe responses during visuospatial encoding in healthy APOE*4 carriers. <i>Neurobiology of Aging</i> , 2008, 29, 981-991.	1.5	65
194	The Brain in Chronic CRPS Pain: Abnormal Gray-White Matter Interactions in Emotional and Autonomic Regions. <i>Neuron</i> , 2008, 60, 570-581.	3.8	440
195	Brain dynamics for perception of tactile allodynia (touch-induced pain) in postherpetic neuralgia. <i>Pain</i> , 2008, 138, 641-656.	2.0	78
196	Chronic pain may change the structure of the brain. <i>Pain</i> , 2008, 137, 7-15.	2.0	528
197	Reduced resting-state brain activity in the “default network” in normal aging. <i>Cerebral Cortex</i> , 2008, 18, 1856-1864.	1.6	1,051
198	A simple view of the brain through a frequency-specific functional connectivity measure. <i>NeuroImage</i> , 2008, 39, 279-289.	2.1	208
199	Construction of a 3D probabilistic atlas of human cortical structures. <i>NeuroImage</i> , 2008, 39, 1064-1080.	2.1	957

#	ARTICLE	IF	CITATIONS
200	fMRI of the temporal lobe of the awake monkey at 7ÅT. NeuroImage, 2008, 39, 1081-1093.	2.1	33
201	Brain anatomy differences in childhood stuttering. NeuroImage, 2008, 39, 1333-1344.	2.1	247
202	Automatic independent component labeling for artifact removal in fMRI. NeuroImage, 2008, 39, 1227-1245.	2.1	202
203	The development of corpus callosum microstructure and associations with bimanual task performance in healthy adolescents. NeuroImage, 2008, 39, 1918-1925.	2.1	145
204	Automatic segmentation of brain MRIs of 2-year-olds into 83 regions of interest. NeuroImage, 2008, 40, 672-684.	2.1	301
205	Brain white matter tracts degeneration in Friedreich ataxia. An in vivo MRI study using tract-based spatial statistics and voxel-based morphometry. NeuroImage, 2008, 40, 19-25.	2.1	97
206	Investigation into the neural correlates of emotional augmentation of clinical pain. NeuroImage, 2008, 40, 759-766.	2.1	142
207	Activation of the human medial temporal lobes by stereoscopic depth cues. NeuroImage, 2008, 40, 1815-1823.	2.1	5
208	Diffusion tensor imaging of normal white matter maturation from late childhood to young adulthood: Voxel-wise evaluation of mean diffusivity, fractional anisotropy, radial and axial diffusivities, and correlation with reading development. NeuroImage, 2008, 41, 223-232.	2.1	224
209	Evaluation and comparison of GLM- and CVA-based fMRI processing pipelines with Java-based fMRI processing pipeline evaluation system. NeuroImage, 2008, 41, 1242-1252.	2.1	10
210	Provenance in neuroimaging. NeuroImage, 2008, 42, 178-195.	2.1	66
211	Longitudinal changes in patients with traumatic brain injury assessed with diffusion-tensor and volumetric imaging. NeuroImage, 2008, 42, 503-514.	2.1	296
212	Accuracy assessment of global and local atrophy measurement techniques with realistic simulated longitudinal Alzheimer's disease images. NeuroImage, 2008, 42, 696-709.	2.1	32
213	Gray matter asymmetries in chimpanzees as revealed by voxel-based morphometry. NeuroImage, 2008, 42, 491-497.	2.1	61
214	Frontalâ€“striatalâ€“thalamic mediodorsal nucleus dysfunction in schizophrenia-spectrum patients during sensorimotor gating. NeuroImage, 2008, 42, 1164-1177.	2.1	86
215	Neurodevelopmental changes in verbal working memory load-dependency: An fMRI investigation. NeuroImage, 2008, 42, 1678-1685.	2.1	95
216	Brain white matter damage in SCA1 and SCA2. An in vivo study using voxel-based morphometry, histogram analysis of mean diffusivity and tract-based spatial statistics. NeuroImage, 2008, 43, 10-19.	2.1	88
217	The multiple synaesthete E.S. â€” Neuroanatomical basis of interval-taste and tone-colour synaesthesia. NeuroImage, 2008, 43, 192-203.	2.1	83

#	ARTICLE	IF	CITATIONS
218	White matter atrophy and lesion formation explain the loss of structural integrity of white matter in aging. <i>NeuroImage</i> , 2008, 43, 470-477.	2.1	180
219	Evidence for abnormalities of cortical development in adolescent-onset schizophrenia. <i>NeuroImage</i> , 2008, 43, 665-675.	2.1	132
220	Computer-Assisted Segmentation of White Matter Lesions in 3D MR Images Using Support Vector Machine. <i>Academic Radiology</i> , 2008, 15, 300-313.	1.3	219
221	Multiparametric Tissue Characterization of Brain Neoplasms and Their Recurrence Using Pattern Classification of MR Images. <i>Academic Radiology</i> , 2008, 15, 966-977.	1.3	171
222	Pulsed arterial spin labeling applications in brain tumors: Practical review. <i>Journal of Neuroradiology</i> , 2008, 35, 79-89.	0.6	42
223	Brain Atrophy Assessment in Multiple Sclerosis: Importance and Limitations. <i>Neuroimaging Clinics of North America</i> , 2008, 18, 675-686.	0.5	68
224	fMRI investigation of the cognitive structure of the Concealed Information Test. <i>Neurocase</i> , 2008, 14, 59-67.	0.2	26
225	Beyond Superior Temporal Cortex: Intersubject Correlations in Narrative Speech Comprehension. <i>Cerebral Cortex</i> , 2008, 18, 230-242.	1.6	238
226	Cerebral Atrophy after Traumatic White Matter Injury: Correlation with Acute Neuroimaging and Outcome. <i>Journal of Neurotrauma</i> , 2008, 25, 1433-1440.	1.7	118
227	A Framework for Interactive Parameter Sweep Applications. , 2008, , .		0
228	Comparison between Voxel-based Morphometry and Volumetric Analysis in Schizophrenia. , 2008, , .		1
229	Multifocal White Matter Ultrastructural Abnormalities in Mild Traumatic Brain Injury with Cognitive Disability: A Voxel-Wise Analysis of Diffusion Tensor Imaging. <i>Journal of Neurotrauma</i> , 2008, 25, 1335-1342.	1.7	218
230	Comparison of tissue segmentation algorithms in neuroimage analysis software tools. , 2008, 2008, 3924-8.		28
231	A study on the magnetic resonance imaging (MRI)-based radiation treatment planning of intracranial lesions. <i>Physics in Medicine and Biology</i> , 2008, 53, 3579-3593.	1.6	184
232	Neural Resources Associated with Perceptual Judgment across Sensory Modalities. <i>Cerebral Cortex</i> , 2008, 18, 38-45.	1.6	21
233	Dissociable Interference-Control Processes in Perception and Memory. <i>Psychological Science</i> , 2008, 19, 490-500.	1.8	59
234	Design and Implementation of an Automated Partial Volume Correction in PET: Application to Dopamine Receptor Quantification in the Normal Human Striatum. <i>Journal of Nuclear Medicine</i> , 2008, 49, 1097-1106.	2.8	96
235	Size Matters: Cerebral Volume Influences Sex Differences in Neuroanatomy. <i>Cerebral Cortex</i> , 2008, 18, 2920-2931.	1.6	243

#	ARTICLE	IF	CITATIONS
236	The Central Sulcus: an Observer-Independent Characterization of Sulcal Landmarks and Depth Asymmetry. <i>Cerebral Cortex</i> , 2008, 18, 1999-2009.	1.6	82
237	Attention and Executive Systems Abnormalities in Adults with Childhood ADHD: A DT-MRI Study of Connections. <i>Cerebral Cortex</i> , 2008, 18, 1210-1220.	1.6	207
238	Voxel-Based Assessment of Differences in Damage and Distribution of White Matter Lesions Between Patients With Primary Progressive and Relapsing-Remitting Multiple Sclerosis. <i>Archives of Neurology</i> , 2008, 65, 236-43.	4.9	38
239	A longitudinal fMRI study of the paced auditory serial addition task. <i>Multiple Sclerosis Journal</i> , 2008, 14, 465-471.	1.4	34
240	White Matter Abnormalities in Patients With Obsessive-Compulsive Disorder and Their First-Degree Relatives. <i>American Journal of Psychiatry</i> , 2008, 165, 1308-1315.	4.0	185
241	fMRI reveals distinct CNS processing during symptomatic and recovered complex regional pain syndrome in children. <i>Brain</i> , 2008, 131, 1854-1879.	3.7	150
242	Partial volume effect of cingulum tract in diffusion-tensor MRI. <i>Proceedings of SPIE</i> , 2008, , .	0.8	0
243	The tauopathy associated with mutation +3 in intron 10 of Tau: characterization of the MSTD family. <i>Brain</i> , 2008, 131, 72-89.	3.7	98
244	Probabilistic diffusion tractography of the optic radiations and visual function in preterm infants at term equivalent age. <i>Brain</i> , 2008, 131, 573-582.	3.7	167
245	Phantom limb pain, cortical reorganization and the therapeutic effect of mental imagery. <i>Brain</i> , 2008, 131, 2181-2191.	3.7	348
246	Specific relations between neurodevelopmental abilities and white matter microstructure in children born preterm. <i>Brain</i> , 2008, 131, 3201-3208.	3.7	249
247	Strongly reduced volumes of putamen and thalamus in Alzheimer's disease: an MRI study. <i>Brain</i> , 2008, 131, 3277-3285.	3.7	437
248	Elevated Left and Reduced Right Orbitomedial Prefrontal Fractional Anisotropy in Adults With Bipolar Disorder Revealed by Tract-Based Spatial Statistics. <i>Archives of General Psychiatry</i> , 2008, 65, 1041.	13.8	298
249	Correlations between DTI and FLAIR images reveal the relationships of microscopic and macroscopic white matter degeneration in elderly subjects. , 2008, , .		0
250	Beyond Feeling: Chronic Pain Hurts the Brain, Disrupting the Default-Mode Network Dynamics. <i>Journal of Neuroscience</i> , 2008, 28, 1398-1403.	1.7	708
251	Anatomical Connectivity of the Subgenual Cingulate Region Targeted with Deep Brain Stimulation for Treatment-Resistant Depression. <i>Cerebral Cortex</i> , 2008, 18, 1374-1383.	1.6	516
252	Callosal Contributions to Simultaneous Bimanual Finger Movements. <i>Journal of Neuroscience</i> , 2008, 28, 3227-3233.	1.7	132
253	Using Neuroimaging to Resolve the Psi Debate. <i>Journal of Cognitive Neuroscience</i> , 2008, 20, 182-192.	1.1	26

#	ARTICLE	IF	CITATIONS
254	Whole-brain atrophy rate in Alzheimer disease. <i>Neurology</i> , 2008, 70, 1836-1841.	1.5	94
255	The technology of MRI "the next 10 years?". <i>British Journal of Radiology</i> , 2008, 81, 601-617.	1.0	116
256	Tract-Based Spatial Statistics of Diffusion Tensor Imaging in Adults with Dyslexia. <i>American Journal of Neuroradiology</i> , 2008, 29, 1134-1139.	1.2	67
257	Midbrain Dopamine Receptor Availability Is Inversely Associated with Novelty-Seeking Traits in Humans. <i>Journal of Neuroscience</i> , 2008, 28, 14372-14378.	1.7	197
258	Diffusion Tensor Imaging Identifies Deficits in White Matter Microstructure in Subjects With Type 1 Diabetes That Correlate With Reduced Neurocognitive Function. <i>Diabetes</i> , 2008, 57, 3083-3089.	0.3	167
259	A Whole-Brain Analysis in De Novo Parkinson Disease. <i>American Journal of Neuroradiology</i> , 2008, 29, 674-680.	1.2	67
260	Reduction in Cerebral Atrophy Associated with Ethyl-Eicosapentaenoic Acid Treatment in Patients with Huntington's Disease. <i>Journal of International Medical Research</i> , 2008, 36, 896-905.	0.4	30
261	Corticospinal Tract Abnormalities Are Associated with Weakness in Multiple Sclerosis. <i>American Journal of Neuroradiology</i> , 2008, 29, 333-339.	1.2	67
262	Individual differences in moral judgment competence influence neural correlates of socio-normative judgments. <i>Social Cognitive and Affective Neuroscience</i> , 2008, 3, 33-46.	1.5	108
263	<i>In vivo</i> microCT imaging of rodent cerebral vasculature. <i>Physics in Medicine and Biology</i> , 2008, 53, N99-N107.	1.6	17
264	Whole-Brain Atrophy Rate and Cognitive Decline: Longitudinal MR Study of Memory Clinic Patients. <i>Radiology</i> , 2008, 248, 590-598.	3.6	133
265	Neural Organization of Linguistic Short-term Memory is Sensory Modality-dependent: Evidence from Signed and Spoken Language. <i>Journal of Cognitive Neuroscience</i> , 2008, 20, 2198-2210.	1.1	35
266	Brain Reading Using Full Brain Support Vector Machines for Object Recognition: There Is No "Face" Identification Area. <i>Neural Computation</i> , 2008, 20, 486-503.	1.3	98
267	A Bayesian method with reparameterization for diffusion tensor imaging. , 2008, , .		2
268	Compensatory cerebral adaptations before and evolving changes after surgical decompression in cervical spondylotic myelopathy. <i>Journal of Neurosurgery: Spine</i> , 2008, 9, 538-551.	0.9	61
269	The effect of tissue anisotropy on the EEG inverse problem. , 2008, 2008, 4563-6.		3
270	Web based brain volume calculation for magnetic resonance images. , 2008, 2008, 1210-3.		5
271	Prediction correction tractography through statistical tracking. , 2008, , .		2

#	ARTICLE	IF	CITATIONS
272	Failure to deactivate in the prefrontal cortex in schizophrenia: dysfunction of the default mode network?. <i>Psychological Medicine</i> , 2008, 38, 1185-1193.	2.7	287
273	Robust optimization of diffusion-weighted MRI protocols used for fiber reconstruction. <i>Journal of Physics: Conference Series</i> , 2008, 135, 012069.	0.3	1
274	Grey matter abnormalities in trichotillomania: morphometric magnetic resonance imaging study. <i>British Journal of Psychiatry</i> , 2008, 193, 216-221.	1.7	88
275	Differences in Low Back Pain Behavior Are Reflected in the Cerebral Response to Tactile Stimulation of the Lower Back. <i>Spine</i> , 2008, 33, 1372-1377.	1.0	90
276	Interactive and Intelligent Approach for Brain Extraction from High-Resolution Volumetric MR Neuroimages. , 2008, , .		0
277	Evidence of Developmental Alterations in Cortical and Subcortical Regions of Children With Attention-Deficit/Hyperactivity Disorder. <i>Archives of General Psychiatry</i> , 2008, 65, 1419.	13.8	35
278	Auditory Selective Attention Modulates Activation of Human Inferior Colliculus. <i>Journal of Neurophysiology</i> , 2008, 100, 3323-3327.	0.9	87
279	Affective modulation of anterior cingulate cortex in young people at increased familial risk of depression. <i>British Journal of Psychiatry</i> , 2008, 192, 356-361.	1.7	48
280	Nonparametric Estimation of Hemodynamic Response Function: A Frequency Domain Approach. <i>Lecture Notes-monograph Series / Institute of Mathematical Statistics</i> , 2009, , 190-215.	1.0	9
281	Object Representations in the Temporal Cortex of Monkeys and Humans as Revealed by Functional Magnetic Resonance Imaging. <i>Journal of Neurophysiology</i> , 2009, 101, 688-700.	0.9	164
282	Impact of APOE on the Healthy Aging Brain: A Voxel-Based MRI and DTI Study. <i>Journal of Alzheimer's Disease</i> , 2009, 18, 553-564.	1.2	193
283	Design and analysis of BOLD experiments. , 2009, , 368-399.		3
284	The Architecture of the Golfer's Brain. <i>PLoS ONE</i> , 2009, 4, e4785.	1.1	159
285	Prenatal Immune Challenge Is an Environmental Risk Factor for Brain and Behavior Change Relevant to Schizophrenia: Evidence from MRI in a Mouse Model. <i>PLoS ONE</i> , 2009, 4, e6354.	1.1	128
286	Hippocampal Atrophy as a Quantitative Trait in a Genome-Wide Association Study Identifying Novel Susceptibility Genes for Alzheimer's Disease. <i>PLoS ONE</i> , 2009, 4, e6501.	1.1	321
287	Neural substrates of contingency learning and executive control: dissociating physical, valuative, and behavioral changes. <i>Frontiers in Human Neuroscience</i> , 2009, 3, 23.	1.0	15
288	Applications of multivariate pattern classification analyses in developmental neuroimaging of healthy and clinical populations. <i>Frontiers in Human Neuroscience</i> , 2009, 3, 32.	1.0	65
289	Frontal white matter integrity as an endophenotype for schizophrenia: diffusion tensor imaging in monozygotic twins and patientsâ€™ nonpsychotic relatives. <i>Frontiers in Human Neuroscience</i> , 2009, 3, 35.	1.0	77

#	ARTICLE	IF	CITATIONS
290	PyMVPA: a unifying approach to the analysis of neuroscientific data. <i>Frontiers in Neuroinformatics</i> , 2009, 3, 3.	1.3	98
291	ALE meta-analysis workflows via the BrainMap database: Progress towards a probabilistic functional brain atlas. <i>Frontiers in Neuroinformatics</i> , 2009, 3, 23.	1.3	342
292	CamBAfx: Workflow design, implementation and application for neuroimaging. <i>Frontiers in Neuroinformatics</i> , 2009, 3, 27.	1.3	3
293	Neuroimaging workflow design and data-mining: a <i>Frontiers in Neuroinformatics</i> special issue. <i>Frontiers in Neuroinformatics</i> , 2009, 3, 31.	1.3	2
294	In-group and out-group membership mediates anterior cingulate activation to social exclusion. <i>Frontiers in Evolutionary Neuroscience</i> , 2009, 1, 1.	3.7	78
295	Brain MR image segmentation with fuzzy C-means and using additional shape elements. , 2009, , .		2
296	Component analysis approach to estimation of tissue intensity distributions of 3D images. , 2009, , .		2
297	Integrated real-time neurofeedback system to raise the frontal lobe activity: Design and implementation. , 2009, 2009, 845-8.		3
298	Label set perturbation for MRF based neuroimaging segmentation. , 2009, , .		5
299	fMRI activation pattern recognition: A novel application of PCA in language network of pediatric localization related epilepsy. , 2009, 2009, 5397-400.		4
300	Acquisition Time and Reproducibility of Continuous Arterial Spin-Labeling Perfusion Imaging at 3T. <i>American Journal of Neuroradiology</i> , 2009, 30, 968-971.	1.2	31
301	The Association of Lung Disease With Cerebral White Matter Abnormalities in Preterm Infants. <i>Pediatrics</i> , 2009, 124, 268-276.	1.0	71
302	Effort-Based Costâ€“Benefit Valuation and the Human Brain. <i>Journal of Neuroscience</i> , 2009, 29, 4531-4541.	1.7	458
303	Assessing direction-specific adaptation using the steady-state visual evoked potential: Results from EEG source imaging. <i>Journal of Vision</i> , 2009, 9, 8-8.	0.1	51
304	3D modeling of the total electric field induced by transcranial magnetic stimulation using the boundary element method. <i>Physics in Medicine and Biology</i> , 2009, 54, 3631-3647.	1.6	107
305	Temporal Order Processing of Syllables in the Left Parietal Lobe. <i>Journal of Neuroscience</i> , 2009, 29, 12568-12573.	1.7	35
306	The boundaries of language and thought in deductive inference. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 12554-12559.	3.3	136
307	Independent component analysis for brain fMRI does not select for independence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 10415-10422.	3.3	206

#	ARTICLE	IF	CITATIONS
308	Dopamine DRD2 Polymorphism Alters Reversal Learning and Associated Neural Activity. <i>Journal of Neuroscience</i> , 2009, 29, 3695-3704.	1.7	158
309	Resolving Response, Decision, and Strategic Control: Evidence for a Functional Topography in Dorsomedial Prefrontal Cortex. <i>Journal of Neuroscience</i> , 2009, 29, 13158-13164.	1.7	153
310	The Structural Integrity of an Amygdala-Prefrontal Pathway Predicts Trait Anxiety. <i>Journal of Neuroscience</i> , 2009, 29, 11614-11618.	1.7	390
311	V4 Activity Predicts the Strength of Visual Short-Term Memory Representations. <i>Journal of Neuroscience</i> , 2009, 29, 7432-7438.	1.7	114
312	Tomographic image via background subtraction using an x-ray projection image and <i>a priori</i> computed tomography. <i>Medical Physics</i> , 2009, 36, 4433-4439.	1.6	1
313	Task-Dependent Activations of Human Auditory Cortex during Pitch Discrimination and Pitch Memory Tasks. <i>Journal of Neuroscience</i> , 2009, 29, 13338-13343.	1.7	57
314	Quantitative assessment of brain iron by R_2^* relaxometry in patients with clinically isolated syndrome and relapsing-remitting multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2009, 15, 1048-1054.	1.4	107
315	Maturation of Thalamic Radiations between 34 and 41 Weeks' Gestation: A Combined Voxel-Based Study and Probabilistic Tractography with Diffusion Tensor Imaging. <i>American Journal of Neuroradiology</i> , 2009, 30, 1780-1786.	1.2	54
316	Risk for depression and neural responses to fearful facial expressions of emotion. <i>British Journal of Psychiatry</i> , 2009, 194, 139-145.	1.7	106
317	White Matter Microstructural Integrity and Cognitive Function in a General Elderly Population. <i>Archives of General Psychiatry</i> , 2009, 66, 545.	13.8	286
318	Temporal Order Judgments Activate Temporal Parietal Junction. <i>Journal of Neuroscience</i> , 2009, 29, 3182-3188.	1.7	97
319	Can rate of brain atrophy in multiple sclerosis be explained by clinical and MRI characteristics?. <i>Multiple Sclerosis Journal</i> , 2009, 15, 465-471.	1.4	15
320	Damage of White Matter Tract Correlated with Neuropsychological Deficits in Carbon Monoxide Intoxication after Hyperbaric Oxygen Therapy. <i>Journal of Neurotrauma</i> , 2009, 26, 1263-1270.	1.7	39
321	Cerebral Blood Flow Measurement in Children With Sickle Cell Disease Using Continuous Arterial Spin Labeling at 3.0-Tesla MRI. <i>Stroke</i> , 2009, 40, 795-800.	1.0	36
322	Regional White Matter Integrity Differentiates Between Vascular Dementia and Alzheimer Disease. <i>Stroke</i> , 2009, 40, 773-779.	1.0	90
323	Brain morphology and neurological soft signs in adolescents with first-episode psychosis. <i>British Journal of Psychiatry</i> , 2009, 195, 227-233.	1.7	50
324	Posttreatment Recurrence of Malignant Brain Neoplasm: Accuracy of Relative Cerebral Blood Volume Fraction in Discriminating Low from High Malignant Histologic Volume Fraction. <i>Radiology</i> , 2009, 250, 887-896.	3.6	86
325	Diffusion-Tensor Imaging Implicates Prefrontal Axonal Injury in Executive Function Impairment Following Very Mild Traumatic Brain Injury. <i>Radiology</i> , 2009, 252, 816-824.	3.6	266

#	ARTICLE	IF	CITATIONS
326	Evaluation of Bayesian tensor estimation using tensor coherence. <i>Physics in Medicine and Biology</i> , 2009, 54, 3785-3802.	1.6	2
327	Trustworthy? The brain knows: Implicit neural responses to faces that vary in dark triad personality characteristics and trustworthiness.. <i>Journal of Social, Evolutionary & Cultural Psychology: JSEC</i> , 2009, 3, 182-200.	0.5	29
328	Surgical Resection of High-grade Gliomas in Eloquent Regions Guided by Blood Oxygenation Level Dependent Functional Magnetic Resonance Imaging, Diffusion Tensor Tractography, and Intraoperative Navigated 3D Ultrasound. <i>Minimally Invasive Neurosurgery</i> , 2009, 52, 17-24.	0.9	54
329	Structural changes in the somatosensory system correlate with tic severity in Gilles de la Tourette syndrome. <i>Brain</i> , 2009, 132, 765-777.	3.7	136
330	Neural Substrates of Practice Structure That Support Future Off-Line Learning. <i>Journal of Neurophysiology</i> , 2009, 102, 2462-2476.	0.9	46
331	Automated Optimization of Subcortical Cerebral MR Imaging~Atlas Coregistration for Improved Postoperative Electrode Localization in Deep Brain Stimulation. <i>American Journal of Neuroradiology</i> , 2009, 30, 1914-1921.	1.2	106
332	Schizophrenia delays and alters maturation of the brain in adolescence. <i>Brain</i> , 2009, 132, 2437-2448.	3.7	139
333	Tiagabine Increases [11C]flumazenil Binding in Cortical Brain Regions in Healthy Control Subjects. <i>Neuropsychopharmacology</i> , 2009, 34, 624-633.	2.8	70
334	Imaging studies in congenital anophthalmia reveal preservation of brain architecture in ~visual~™ cortex. <i>Brain</i> , 2009, 132, 3467-3480.	3.7	126
335	Parsing Pain Perception Between Nociceptive Representation and Magnitude Estimation. <i>Journal of Neurophysiology</i> , 2009, 101, 875-887.	0.9	211
336	Sample sizes for brain atrophy outcomes in trials for secondary progressive multiple sclerosis. <i>Neurology</i> , 2009, 72, 595-601.	1.5	91
337	Structural and metabolic brain abnormalities in preclinical cerebral autosomal dominant arteriopathy with subcortical infarcts and leucoencephalopathy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2009, 80, 41-47.	0.9	29
338	A Genome-Wide Association Study of Schizophrenia Using Brain Activation as a Quantitative Phenotype. <i>Schizophrenia Bulletin</i> , 2009, 35, 96-108.	2.3	201
339	Molecular neurodevelopment: An <i>in vivo</i> ³¹ P- ¹ H MRSI study. <i>Journal of the International Neuropsychological Society</i> , 2009, 15, 671-683.	1.2	21
340	Disconnection as a mechanism for cognitive dysfunction in multiple sclerosis. <i>Brain</i> , 2009, 132, 239-249.	3.7	339
341	Working memory and DLPFC inefficiency in schizophrenia: The FBIRN study. <i>Schizophrenia Bulletin</i> , 2009, 35, 19-31.	2.3	300
342	Evidence for Neurocognitive Plasticity in At-Risk Older Adults: The Experience Corps Program. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2009, 64A, 1275-1282.	1.7	216
343	Autism is characterized by dorsal anterior cingulate hyperactivation during social target detection. <i>Social Cognitive and Affective Neuroscience</i> , 2009, 4, 215-226.	1.5	122

#	ARTICLE	IF	CITATIONS
344	Mapping social target detection with functional magnetic resonance imaging. <i>Social Cognitive and Affective Neuroscience</i> , 2009, 4, 59-69.	1.5	24
345	PREOPERATIVE SENSORIMOTOR MAPPING IN BRAIN TUMOR PATIENTS USING SPONTANEOUS FLUCTUATIONS IN NEURONAL ACTIVITY IMAGED WITH FUNCTIONAL MAGNETIC RESONANCE IMAGING. <i>Operative Neurosurgery</i> , 2009, 65, ons226-ons236.	0.4	146
346	Is family special to the brain? An event-related fMRI study of familiar, familial, and self-face recognition. <i>Neuropsychologia</i> , 2009, 47, 849-858.	0.7	111
347	An image-dependent representation of familiar and unfamiliar faces in the human ventral stream. <i>Neuropsychologia</i> , 2009, 47, 1627-1635.	0.7	74
348	Behavioral correlates of corpus callosum size: Anatomical/behavioral relationships vary across sex/handedness groups. <i>Neuropsychologia</i> , 2009, 47, 2427-2435.	0.7	37
349	White matter integrity in adolescents with histories of marijuana use and binge drinking. <i>Neurotoxicology and Teratology</i> , 2009, 31, 349-355.	1.2	169
350	Placebo conditioning and placebo analgesia modulate a common brain network during pain anticipation and perception. <i>Pain</i> , 2009, 145, 24-30.	2.0	148
351	Alterations in the neural circuitry for emotion and attention associated with posttraumatic stress symptomatology. <i>Psychiatry Research - Neuroimaging</i> , 2009, 172, 7-15.	0.9	109
352	Tract-based spatial statistics (TBSS) of diffusion tensor imaging data in alcohol dependence: Abnormalities of the motivational neurocircuitry. <i>Psychiatry Research - Neuroimaging</i> , 2009, 173, 22-30.	0.9	112
353	Regional brain volumes and symptom severity in body dysmorphic disorder. <i>Psychiatry Research - Neuroimaging</i> , 2009, 172, 161-167.	0.9	61
354	Symptomatic and functional correlates of regional brain physiology during working memory processing in patients with recent onset schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2009, 173, 177-182.	0.9	14
355	Amygdala hyperactivation in untreated depressed individuals. <i>Psychiatry Research - Neuroimaging</i> , 2009, 173, 158-161.	0.9	112
356	Altered white matter microstructure in adolescent substance users. <i>Psychiatry Research - Neuroimaging</i> , 2009, 173, 228-237.	0.9	158
357	White matter "potholes" in early-onset schizophrenia: A new approach to evaluate white matter microstructure using diffusion tensor imaging. <i>Psychiatry Research - Neuroimaging</i> , 2009, 174, 110-115.	0.9	68
358	Normal metabolite levels in the left dorsolateral prefrontal cortex of unmedicated major depressive disorder patients: A single voxel 1H spectroscopy study. <i>Psychiatry Research - Neuroimaging</i> , 2009, 174, 177-183.	0.9	62
359	The role of trauma-related distractors on neural systems for working memory and emotion processing in posttraumatic stress disorder. <i>Journal of Psychiatric Research</i> , 2009, 43, 809-817.	1.5	173
360	A resting state network in the motor control circuit of the basal ganglia. <i>BMC Neuroscience</i> , 2009, 10, 137.	0.8	134
361	{K}-Space and Image-Space Combination for Motion-Induced Phase-Error Correction in Self-Navigated Multicoil Multishot DWI. <i>IEEE Transactions on Medical Imaging</i> , 2009, 28, 1770-1780.	5.4	16

#	ARTICLE	IF	CITATIONS
362	A comparison of brain activity evoked by single content and function words: An fMRI investigation of implicit word processing. <i>Brain Research</i> , 2009, 1282, 38-49.	1.1	35
363	Self-face resemblance attenuates other-race face effect in the amygdala. <i>Brain Research</i> , 2009, 1284, 156-160.	1.1	14
364	Background MR gradient noise and non-auditory BOLD activations: A data-driven perspective. <i>Brain Research</i> , 2009, 1282, 74-83.	1.1	7
365	Brain networks of bottom-up triggered and top-down controlled shifting of auditory attention. <i>Brain Research</i> , 2009, 1286, 155-164.	1.1	128
366	Frontoparietal activity and its structural connectivity in binocular rivalry. <i>Brain Research</i> , 2009, 1305, 96-107.	1.1	38
367	Affective context interferes with cognitive control in unipolar depression: An fMRI investigation. <i>Journal of Affective Disorders</i> , 2009, 114, 131-142.	2.0	80
368	fMRI of alterations in reward selection, anticipation, and feedback in major depressive disorder. <i>Journal of Affective Disorders</i> , 2009, 118, 69-78.	2.0	282
369	NORdic trial of oral Methylprednisolone as add-on therapy to Interferon beta-1a for treatment of relapsing-remitting Multiple Sclerosis (NORMIMS study): a randomised, placebo-controlled trial. <i>Lancet Neurology</i> , The, 2009, 8, 519-529.	4.9	95
370	Longâ€interval T2â€weighted subtraction magnetic resonance imaging: A powerful new outcome measure in multiple sclerosis trials. <i>Annals of Neurology</i> , 2010, 67, 667-675.	2.8	35
371	Discrete dynamic Bayesian network analysis of fMRI data. <i>Human Brain Mapping</i> , 2009, 30, 122-137.	1.9	51
372	Modelâ€free group analysis shows altered BOLD FMRI networks in dementia. <i>Human Brain Mapping</i> , 2009, 30, 256-266.	1.9	129
373	Segmentally arranged somatotopy within the face representation of human primary somatosensory cortex. <i>Human Brain Mapping</i> , 2009, 30, 757-765.	1.9	54
374	White matter tract integrity in aging and Alzheimer's disease. <i>Human Brain Mapping</i> , 2009, 30, 1051-1059.	1.9	227
375	Automatic fMRIâ€guided MEG multidipole localization for visual responses. <i>Human Brain Mapping</i> , 2009, 30, 1087-1099.	1.9	24
376	Evaluation of automated brain MR image segmentation and volumetry methods. <i>Human Brain Mapping</i> , 2009, 30, 1310-1327.	1.9	186
377	Independent component analysis as a modelâ€free approach for the detection of BOLD changes related to epileptic spikes: A simulation study. <i>Human Brain Mapping</i> , 2009, 30, 2021-2031.	1.9	34
378	Motor threshold in transcranial magnetic stimulation: The impact of white matter fiber orientation and skullâ€toâ€cortex distance. <i>Human Brain Mapping</i> , 2009, 30, 2044-2055.	1.9	97
379	Hierarchical functional modularity in the restingâ€state human brain. <i>Human Brain Mapping</i> , 2009, 30, 2220-2231.	1.9	174

#	ARTICLE	IF	CITATIONS
380	Interrater and intermethod reliability of default mode network selection. <i>Human Brain Mapping</i> , 2009, 30, 2293-2303.	1.9	113
381	Cortical mapping of naming errors in aphasia. <i>Human Brain Mapping</i> , 2009, 30, 2487-2498.	1.9	56
382	Exploring the relationship between white matter and gray matter damage in early primary progressive multiple sclerosis: An in vivo study with TBSS and VBM. <i>Human Brain Mapping</i> , 2009, 30, 2852-2861.	1.9	170
383	Altered frontalâ€”parietal functioning during verbal working memory in children and adolescents with heavy prenatal alcohol exposure. <i>Human Brain Mapping</i> , 2009, 30, 3200-3208.	1.9	60
384	Neural activation of swallowing and swallowingâ€”related tasks in healthy young adults: An attempt to separate the components of deglutition. <i>Human Brain Mapping</i> , 2009, 30, 3209-3226.	1.9	142
385	Comparison of piecewise linear, linear, and nonlinear atlasâ€”patient warping techniques: Analysis of the labeling of subcortical nuclei for functional neurosurgical applications. <i>Human Brain Mapping</i> , 2009, 30, 3574-3595.	1.9	66
386	Neural correlates of word production stages delineated by parametric modulation of psycholinguistic variables. <i>Human Brain Mapping</i> , 2009, 30, 3596-3608.	1.9	97
387	Quantitative diffusion tensor imaging in amyotrophic lateral sclerosis: Revisited. <i>Human Brain Mapping</i> , 2009, 30, 3657-3675.	1.9	122
388	Alterations in functional activation in euthymic bipolar disorder and schizophrenia during a working memory task. <i>Human Brain Mapping</i> , 2009, 30, 3958-3969.	1.9	69
389	Functional and structural changes in the memory network associated with left temporal lobe epilepsy. <i>Human Brain Mapping</i> , 2009, 30, 4070-4081.	1.9	75
390	Metaanalytic connectivity modeling: Delineating the functional connectivity of the human amygdala. <i>Human Brain Mapping</i> , 2010, 31, 173-184.	1.9	286
391	Regional impact of field strength on voxelâ€”based morphometry results. <i>Human Brain Mapping</i> , 2010, 31, 943-957.	1.9	42
392	Brainâ€”behavior relationships in young traumatic brain injury patients: DTI metrics are highly correlated with postural control. <i>Human Brain Mapping</i> , 2010, 31, 992-1002.	1.9	87
393	Aerobic fitness is associated with hippocampal volume in elderly humans. <i>Hippocampus</i> , 2009, 19, 1030-1039.	0.9	820
394	Dynamic corticospinal white matter connectivity changes during stroke recovery: A diffusion tensor probabilistic tractography study. <i>Journal of Magnetic Resonance Imaging</i> , 2009, 29, 529-536.	1.9	40
395	Clinical correlations of brain lesion distribution in multiple sclerosis. <i>Journal of Magnetic Resonance Imaging</i> , 2009, 29, 768-773.	1.9	68
396	Wholeâ€”brain singleâ€”shot STEAM DTI at 4 Tesla utilizing transverse coherences for enhanced SNR. <i>Magnetic Resonance in Medicine</i> , 2009, 61, 372-380.	1.9	7
397	Comparison of hypercapniaâ€”based calibration techniques for measurement of cerebral oxygen metabolism with MRI. <i>Magnetic Resonance in Medicine</i> , 2009, 61, 391-398.	1.9	57

#	ARTICLE	IF	CITATIONS
398	Mapping of brain metabolite distributions by volumetric proton MR spectroscopic imaging (MRSI). <i>Magnetic Resonance in Medicine</i> , 2009, 61, 548-559.	1.9	251
399	Characterization of white matter fiber bundles with T_2 relaxometry and diffusion tensor imaging. <i>Magnetic Resonance in Medicine</i> , 2009, 61, 1066-1072.	1.9	62
400	Classification of brain tumor type and grade using MRI texture and shape in a machine learning scheme. <i>Magnetic Resonance in Medicine</i> , 2009, 62, 1609-1618.	1.9	681
401	Asymmetric spin-echo (ASE) spiral improves BOLD fMRI in inhomogeneous regions. <i>NMR in Biomedicine</i> , 2009, 22, 654-662.	1.6	19
402	Reproducibility of serial whole-brain MR Spectroscopic Imaging. <i>NMR in Biomedicine</i> , 2010, 23, 251-256.	1.6	76
403	Paracingulate asymmetry in anterior and midcingulate cortex: sex differences and the effect of measurement technique. <i>Brain Structure and Function</i> , 2009, 213, 553-569.	1.2	34
404	Neurofunctional assessment in a case of calculation-induced seizures. <i>Neurological Sciences</i> , 2009, 30, 505-508.	0.9	1
405	Early structural changes in individuals at risk of familial Alzheimer's disease: a volumetry and magnetization transfer MR imaging study. <i>Journal of Neurology</i> , 2009, 256, 925-932.	1.8	31
406	Evaluation and optimization of fMRI single-subject processing pipelines with NPAIRS and second-level CVA. <i>Magnetic Resonance Imaging</i> , 2009, 27, 264-278.	1.0	39
407	Unwrapping magnetic resonance phase maps with Chebyshev polynomials. <i>Magnetic Resonance Imaging</i> , 2009, 27, 1293-1301.	1.0	31
408	Dynamic edge tracing: Boundary identification in medical images. <i>Computer Vision and Image Understanding</i> , 2009, 113, 1039-1052.	3.0	11
409	Cerebral White Matter Integrity and Cognitive Aging: Contributions from Diffusion Tensor Imaging. <i>Neuropsychology Review</i> , 2009, 19, 415-435.	2.5	383
410	Short-term antidepressant treatment modulates amygdala response to happy faces. <i>Psychopharmacology</i> , 2009, 206, 197-204.	1.5	96
411	Relationship between intelligence and the size and composition of the corpus callosum. <i>Experimental Brain Research</i> , 2009, 192, 455-464.	0.7	49
412	The embodied nature of motor imagery: the influence of posture and perspective. <i>Experimental Brain Research</i> , 2009, 194, 233-243.	0.7	153
413	Positron emission tomography imaging of amphetamine-induced dopamine release in the human cortex: A comparative evaluation of the high affinity dopamine $D_{2/3}$ radiotracers [^{11}C]FLB 457 and [^{11}C]fallypride. <i>Synapse</i> , 2009, 63, 447-461.	0.6	127
414	Parallel imaging: is GRAPPA a useful acquisition tool for MR imaging intended for volumetric brain analysis?. <i>BMC Medical Imaging</i> , 2009, 9, 15.	1.4	14
415	Brain surface contraction mapped in first-episode schizophrenia: a longitudinal magnetic resonance imaging study. <i>Molecular Psychiatry</i> , 2009, 14, 976-986.	4.1	117

#	ARTICLE	IF	CITATIONS
416	Visual Analysis of Brain Activity from fMRI Data. <i>Computer Graphics Forum</i> , 2009, 28, 903-910.	1.8	4
417	Fronto-temporal dysregulation in remitted bipolar patients: an fMRI delayed non-match sample (DNMS) study. <i>Bipolar Disorders</i> , 2009, 11, 351-360.	1.1	40
418	Microstructural white matter changes in euthymic bipolar patients: a whole-brain diffusion tensor imaging study. <i>Bipolar Disorders</i> , 2009, 11, 504-514.	1.1	92
419	The neuroanatomy of grapheme-color synesthesia. <i>European Journal of Neuroscience</i> , 2009, 29, 1287-1293.	1.2	100
420	Neuroanatomical correlates of impaired decision-making and facial emotion recognition in early Parkinson's disease. <i>European Journal of Neuroscience</i> , 2009, 30, 1162-1171.	1.2	160
421	Modulation of movement-associated cortical activation by transcranial direct current stimulation. <i>European Journal of Neuroscience</i> , 2009, 30, 1412-1423.	1.2	156
422	Functional brain mapping of ictal activity in gelastic epilepsy associated with hypothalamic hamartoma: A case report. <i>Epilepsia</i> , 2009, 50, 1624-1631.	2.6	25
423	Characterization of White Matter Microstructure in Fetal Alcohol Spectrum Disorders. <i>Alcoholism: Clinical and Experimental Research</i> , 2009, 33, 514-521.	1.4	86
424	Altered White Matter Integrity in Adolescent Binge Drinkers. <i>Alcoholism: Clinical and Experimental Research</i> , 2009, 33, 1278-1285.	1.4	222
425	Preparing hearts and minds: Cardiac slowing and a cortical inhibitory network. <i>Psychophysiology</i> , 2009, 46, 1170-1178.	1.2	21
426	White matter reduced streamline coherence in young men with autism and mental retardation. <i>European Journal of Neurology</i> , 2009, 16, 1185-1190.	1.7	70
427	Neural activity-induced modulation of BOLD poststimulus undershoot independent of the positive signal. <i>Magnetic Resonance Imaging</i> , 2009, 27, 1030-1038.	1.0	37
428	Images-based suppression of unwanted global signals in resting-state functional connectivity studies. <i>Magnetic Resonance Imaging</i> , 2009, 27, 1058-1064.	1.0	50
429	Fibromyalgia pain and its modulation by hypnotic and non-hypnotic suggestion: An fMRI analysis. <i>European Journal of Pain</i> , 2009, 13, 542-550.	1.4	120
430	A fully automated algorithm under modified FCM framework for improved brain MR image segmentation. <i>Magnetic Resonance Imaging</i> , 2009, 27, 994-1004.	1.0	101
431	Comparison of pulsed arterial spin labeling encoding schemes and absolute perfusion quantification. <i>Magnetic Resonance Imaging</i> , 2009, 27, 1039-1045.	1.0	72
432	PET measurement of changes in D2/D3 dopamine receptor binding in a nonhuman primate during chronic deep brain stimulation of the bed nucleus of the stria terminalis. <i>Journal of Neuroscience Methods</i> , 2009, 176, 129-135.	1.3	10
433	High-resolution fMRI: Overcoming the signal-to-noise problem. <i>Journal of Neuroscience Methods</i> , 2009, 178, 357-365.	1.3	22

#	ARTICLE	IF	CITATIONS
434	Pitfalls in fMRI. <i>European Radiology</i> , 2009, 19, 2689-2706.	2.3	118
435	Accelerating regional atrophy rates in the progression from normal aging to Alzheimer's disease. <i>European Radiology</i> , 2009, 19, 2826-2833.	2.3	88
436	White matter tract injury and cognitive impairment in human immunodeficiency virus-infected individuals. <i>Journal of NeuroVirology</i> , 2009, 15, 187-195.	1.0	131
438	A model-based 3D phase unwrapping algorithm using Gegenbauer polynomials. <i>Physics in Medicine and Biology</i> , 2009, 54, 5237-5252.	1.6	17
439	Adaptive Coding of Action Values in the Human Rostral Cingulate Zone. <i>Journal of Neuroscience</i> , 2009, 29, 7489-7496.	1.7	100
440	Error-Related Negativity is Mediated by Fractional Anisotropy in the Posterior Cingulate Gyrus: A Study Combining Diffusion Tensor Imaging and Electrophysiology in Healthy Adults. <i>Cerebral Cortex</i> , 2009, 19, 293-304.	1.6	71
441	Polarity-Sensitive Modulation of Cortical Neurotransmitters by Transcranial Stimulation. <i>Journal of Neuroscience</i> , 2009, 29, 5202-5206.	1.7	771
442	Abnormal fMRI Activation Pattern During Story Listening in Individuals With Down Syndrome. <i>American Journal on Intellectual and Developmental Disabilities</i> , 2009, 114, 369-380.	0.8	27
443	MRI-based classification of brain tumor type and grade using SVM-RFE. , 2009, , .		30
444	Differential activation of the anterior cingulate cortex and caudate nucleus during a gambling simulation in persons with a family history of alcoholism: Studies from the Oklahoma Family Health Patterns Project. <i>Drug and Alcohol Dependence</i> , 2009, 100, 17-23.	1.6	65
445	Cerebellar peduncle injury in patients with ataxia following diffuse axonal injury. <i>Brain Research Bulletin</i> , 2009, 80, 30-35.	1.4	36
446	Insular activity during passive viewing of aversive stimuli reflects individual differences in state negative affect. <i>Brain and Cognition</i> , 2009, 69, 73-80.	0.8	24
447	Top-down attentional control in spatially coincident stimuli enhances activity in both task-relevant and task-irrelevant regions of cortex. <i>Behavioural Brain Research</i> , 2009, 197, 186-197.	1.2	16
448	Differential age effects on cerebral blood flow and BOLD response to encoding: Associations with cognition and stroke risk. <i>Neurobiology of Aging</i> , 2009, 30, 1276-1287.	1.5	82
449	Age-related differences in regional brain volumes: A comparison of optimized voxel-based morphometry to manual volumetry. <i>Neurobiology of Aging</i> , 2009, 30, 1657-1676.	1.5	198
450	Separate Neural Mechanisms Underlie Choices and Strategic Preferences in Risky Decision Making. <i>Neuron</i> , 2009, 62, 593-602.	3.8	190
451	How Green Is the Grass on the Other Side? Frontopolar Cortex and the Evidence in Favor of Alternative Courses of Action. <i>Neuron</i> , 2009, 62, 733-743.	3.8	578
452	Localized donor cells in brain of a Hunter disease patient after cord blood stem cell transplantation. <i>Molecular Genetics and Metabolism</i> , 2009, 98, 255-263.	0.5	38

#	ARTICLE	IF	CITATIONS
453	An fMRI case report of photophobia: Activation of the trigeminal nociceptive pathway. <i>Pain</i> , 2009, 145, 358-363.	2.0	94
454	Functional MRI at the crossroads. <i>International Journal of Psychophysiology</i> , 2009, 73, 3-9.	0.5	34
455	Database-managed Grid-enabled analysis of neuroimaging data: The CNARI framework. <i>International Journal of Psychophysiology</i> , 2009, 73, 62-72.	0.5	9
456	Cortical and subcortical connections within the pedunculopontine nucleus of the primate <i>Macaca mulatta</i> determined using probabilistic diffusion tractography. <i>Journal of Clinical Neuroscience</i> , 2009, 16, 413-420.	0.8	30
457	A Tractography Analysis of Two Deep Brain Stimulation White Matter Targets for Depression. <i>Biological Psychiatry</i> , 2009, 65, 276-282.	0.7	203
458	Limbic and Corpus Callosum Aberrations in Adolescents with Bipolar Disorder: A Tract-Based Spatial Statistics Analysis. <i>Biological Psychiatry</i> , 2009, 66, 238-244.	0.7	152
459	White Matter Integrity and Prediction of Social and Role Functioning in Subjects at Ultra-High Risk for Psychosis. <i>Biological Psychiatry</i> , 2009, 66, 562-569.	0.7	209
460	More Lateral and Anterior Prefrontal Coil Location Is Associated with Better Repetitive Transcranial Magnetic Stimulation Antidepressant Response. <i>Biological Psychiatry</i> , 2009, 66, 509-515.	0.7	171
461	Laboratory Induced Aggression: A Positron Emission Tomography Study of Aggressive Individuals with Borderline Personality Disorder. <i>Biological Psychiatry</i> , 2009, 66, 1107-1114.	0.7	145
462	Re-evaluating dorsolateral prefrontal cortex activation during working memory in schizophrenia. <i>Schizophrenia Research</i> , 2009, 108, 143-150.	1.1	89
463	Striatal metabolic alterations in non-psychotic adolescent offspring at risk for schizophrenia: A 1H spectroscopy study. <i>Schizophrenia Research</i> , 2009, 115, 88-93.	1.1	53
464	Voxel-wise assessment of progression of regional brain atrophy in relapsing-remitting multiple sclerosis. <i>Journal of the Neurological Sciences</i> , 2009, 282, 55-60.	0.3	66
465	White Matter Integrity Predicts Delay Discounting Behavior in 9- to 23-Year-Olds: A Diffusion Tensor Imaging Study. <i>Journal of Cognitive Neuroscience</i> , 2009, 21, 1406-1421.	1.1	167
466	A weighted communicability measure applied to complex brain networks. <i>Journal of the Royal Society Interface</i> , 2009, 6, 411-414.	1.5	148
467	Executive functions in the absence of behavior: functional imaging of the minimally conscious state. <i>Progress in Brain Research</i> , 2009, 177, 249-260.	0.9	56
468	Excitatory Neurotransmitters in Brain Regions in Interictal Migraine Patients. <i>Molecular Pain</i> , 2009, 5, 1744-8069-5-34.	1.0	82
469	Tractography for Surgical Targeting. , 2009, , 415-444.		3
470	Neuroimaging analysis using grid aware planning and optimisation techniques. , 2009, , .		1

#	ARTICLE	IF	CITATIONS
471	Correspondence of the brain's functional architecture during activation and rest. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 13040-13045.	3.3	4,636
472	Detection of motor cortex thinning and corticospinal tract involvement by quantitative MRI in amyotrophic lateral sclerosis. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2009, 10, 47-52.	2.3	80
473	Functional magnetic resonance imaging sequential-finger movement activation differentiating good and poor writers. Journal of Clinical and Experimental Neuropsychology, 2009, 31, 967-983.	0.8	29
474	The neural substrates of spoken idiom comprehension. Language and Cognitive Processes, 2009, 24, 1370-1391.	2.3	34
475	Exploring functional connectivity in fMRI via clustering. , 2009, 2009, 441-444.		28
476	Brain Image Registration Analysis Workflow for fMRI Studies on Global Grids. , 2009, , .		3
477	Threshold-free cluster enhancement: Addressing problems of smoothing, threshold dependence and localisation in cluster inference. NeuroImage, 2009, 44, 83-98.	2.1	4,467
478	Empirical null and false discovery rate analysis in neuroimaging. NeuroImage, 2009, 44, 71-82.	2.1	53
479	Structural connectivity influences brain activation during PVSAT in Multiple Sclerosis. NeuroImage, 2009, 44, 9-15.	2.1	63
480	Issues with threshold masking in voxel-based morphometry of atrophied brains. NeuroImage, 2009, 44, 99-111.	2.1	275
481	Sensitivity of voxel-based morphometry analysis to choice of imaging protocol at 3ÅT. NeuroImage, 2009, 44, 827-838.	2.1	66
482	Segmentation of brain magnetic resonance images for measurement of gray matter atrophy in multiple sclerosis patients. NeuroImage, 2009, 44, 769-776.	2.1	80
483	The distribution of D2/D3 receptor binding in the adolescent rhesus monkey using small animal PET imaging. NeuroImage, 2009, 44, 1334-1344.	2.1	30
484	A population-average MRI-based atlas collection of the rhesus macaque. NeuroImage, 2009, 45, 52-59.	2.1	225
485	Decreased white matter integrity in late-myelinating fiber pathways in Alzheimer's disease supports retrogenesis. NeuroImage, 2009, 45, 10-16.	2.1	274
486	Correction of 3D rigid body motion in fMRI time series by independent estimation of rotational and translational effects in k-space. NeuroImage, 2009, 45, 749-757.	2.1	4
487	Local pattern classification differentiates processes of economic valuation. NeuroImage, 2009, 45, 1329-1338.	2.1	52
488	Common and distinct neural correlates of perceptual and memorial selection. NeuroImage, 2009, 45, 963-975.	2.1	94

#	ARTICLE	IF	CITATIONS
489	Neural recruitment for the production of native and novel speech sounds. <i>NeuroImage</i> , 2009, 46, 549-557.	2.1	57
490	A probabilistic MR atlas of the human cerebellum. <i>NeuroImage</i> , 2009, 46, 39-46.	2.1	1,128
491	Assessing the effects of age on long white matter tracts using diffusion tensor tractography. <i>NeuroImage</i> , 2009, 46, 530-541.	2.1	406
492	T1 weighted brain images at 7 Tesla unbiased for Proton Density, T2 contrast and RF coil receive B1 sensitivity with simultaneous vessel visualization. <i>NeuroImage</i> , 2009, 46, 432-446.	2.1	260
493	Spatial and temporal reproducibility-based ranking of the independent components of BOLD fMRI data. <i>NeuroImage</i> , 2009, 46, 1041-1054.	2.1	19
494	Widespread affections of large fiber tracts in postoperative temporal lobe epilepsy. <i>NeuroImage</i> , 2009, 46, 569-576.	2.1	68
495	On a basal ganglia role in learning and rehearsing visual-motor associations. <i>NeuroImage</i> , 2009, 47, 1701-1710.	2.1	39
496	Single-trial discrimination for integrating simultaneous EEG and fMRI: Identifying cortical areas contributing to trial-to-trial variability in the auditory oddball task. <i>NeuroImage</i> , 2009, 47, 136-147.	2.1	92
497	Signal abnormalities on 1.5 and 3 Tesla brain MRI in multiple sclerosis patients and healthy controls. A morphological and spatial quantitative comparison study. <i>NeuroImage</i> , 2009, 47, 1352-1362.	2.1	26
498	Implicit reference-based group-wise image registration and its application to structural and functional MRI. <i>NeuroImage</i> , 2009, 47, 1341-1351.	2.1	67
499	Offset analgesia is mediated by activation in the region of the periaqueductal grey and rostral ventromedial medulla. <i>NeuroImage</i> , 2009, 47, 1002-1006.	2.1	83
500	Conflict effects without conflict in anterior cingulate cortex: Multiple response effects and context specific representations. <i>NeuroImage</i> , 2009, 47, 334-341.	2.1	47
501	Effects of model-based physiological noise correction on default mode network anti-correlations and correlations. <i>NeuroImage</i> , 2009, 47, 1448-1459.	2.1	455
502	MRI characteristics of the substantia nigra in Parkinson's disease: A combined quantitative T1 and DTI study. <i>NeuroImage</i> , 2009, 47, 435-441.	2.1	163
503	An evaluation of four automatic methods of segmenting the subcortical structures in the brain. <i>NeuroImage</i> , 2009, 47, 1435-1447.	2.1	180
504	White matter integrity in the vicinity of Broca's area predicts grammar learning success. <i>NeuroImage</i> , 2009, 47, 1974-1981.	2.1	114
505	Serotonin transporter binding and genotype in the nonhuman primate brain using [C-11]DASB PET. <i>NeuroImage</i> , 2009, 47, 1230-1236.	2.1	28
506	White matter hyperintensities do not impact cognitive function in patients with newly diagnosed Parkinson's disease. <i>NeuroImage</i> , 2009, 47, 2083-2089.	2.1	65

#	ARTICLE	IF	CITATIONS
507	Cerebral correlates of analogical processing and their modulation by training. <i>NeuroImage</i> , 2009, 48, 291-302.	2.1	51
508	Category-specific activations during word generation reflect experiential sensorimotor modalities. <i>NeuroImage</i> , 2009, 48, 717-725.	2.1	20
509	Arabica: Robust ICA in a Pipeline. <i>Lecture Notes in Computer Science</i> , 2009, , 379-386.	1.0	5
510	Connectivity-Based Parcellation of Human Cingulate Cortex and Its Relation to Functional Specialization. <i>Journal of Neuroscience</i> , 2009, 29, 1175-1190.	1.7	734
512	Your Brain on Google: Patterns of Cerebral Activation during Internet Searching. <i>American Journal of Geriatric Psychiatry</i> , 2009, 17, 116-126.	0.6	193
513	Obligatory Broca's area modulation associated with passive speech perception. <i>NeuroReport</i> , 2009, 20, 492-496.	0.6	16
514	Effects of Prenatal Methamphetamine Exposure on Verbal Memory Revealed with Functional Magnetic Resonance Imaging. <i>Journal of Developmental and Behavioral Pediatrics</i> , 2009, 30, 185-192.	0.6	37
515	Neurochemical Effects of Theta Burst Stimulation as Assessed by Magnetic Resonance Spectroscopy. <i>Journal of Neurophysiology</i> , 2009, 101, 2872-2877.	0.9	250
516	A Specific Role of the Human Hippocampus in Recall of Temporal Sequences. <i>Journal of Neuroscience</i> , 2009, 29, 3475-3484.	1.7	163
517	Modulation of Frontal Lobe Speech Areas Associated With the Production and Perception of Speech Movements. <i>Journal of Speech, Language, and Hearing Research</i> , 2009, 52, 812-819.	0.7	27
518	A large-scale investigation of lateralization in cortical anatomy and word reading: Are there sex differences?. <i>Neuropsychology</i> , 2009, 23, 210-222.	1.0	35
519	Neurological correlates of reward responding in adolescents with and without externalizing behavior disorders.. <i>Journal of Abnormal Psychology</i> , 2009, 118, 203-213.	2.0	119
520	Detecting 3D Corpus Callosum abnormalities in phenylketonuria. <i>International Journal of Computational Biology and Drug Design</i> , 2009, 2, 289.	0.3	7
521	Correction of susceptibility-induced distortion in Diffusion Tensor Imaging with a moment-based phase unwrapping method. <i>International Journal of Functional Informatics and Personalised Medicine</i> , 2009, 2, 136.	0.4	0
522	Development of Working Memory Maintenance. <i>Journal of Neurophysiology</i> , 2009, 101, 84-99.	0.9	111
523	Functional Neuroanatomy of Visual Masking Deficits in Schizophrenia. <i>Archives of General Psychiatry</i> , 2009, 66, 1295.	13.8	45
524	Visualizing white matter structure of the brain using Dijkstra's algorithm. , 2009, , .		4
525	Clinical and Radiological Differences in Alzheimer's Disease with and without a History of Mild Cognitive Impairment. <i>Neuroradiology Journal</i> , 2010, 23, 659-664.	0.6	1

#	ARTICLE	IF	CITATIONS
526	Constraint-Induced Therapy Versus Control Intervention in Patients with Stroke. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2010, 89, 177-185.	0.7	61
527	Effect of Exercise and Heat-Induced Hypohydration on Brain Volume. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 2197-2204.	0.2	29
528	White Matter Characteristics and Cognition in Prenatally Opiate- and Polysubstance-Exposed Children: A Diffusion Tensor Imaging Study. <i>American Journal of Neuroradiology</i> , 2010, 31, 894-900.	1.2	68
529	Diffusion Tensor Imaging in Patients With Adult Chronic Idiopathic Hydrocephalus. <i>Neurosurgery</i> , 2010, 66, 917-924.	0.6	97
530	Mapping Human Somatosensory Cortex in Individual Subjects With 7T Functional MRI. <i>Journal of Neurophysiology</i> , 2010, 103, 2544-2556.	0.9	197
531	Reduced Brain White Matter Integrity in Trichotillomania. <i>Archives of General Psychiatry</i> , 2010, 67, 965.	13.8	64
532	Combined Volumetry and DTI in Subcortical Structures of Mild Cognitive Impairment and Alzheimer's Disease Patients. <i>Journal of Alzheimer's Disease</i> , 2010, 19, 1273-1282.	1.2	107
533	A cross-sectional study of hormone treatment and hippocampal volume in postmenopausal women: Evidence for a limited window of opportunity.. <i>Neuropsychology</i> , 2010, 24, 68-76.	1.0	37
534	Frontal networks play a role in fatigue perception in multiple sclerosis.. <i>Behavioral Neuroscience</i> , 2010, 124, 329-336.	0.6	82
535	Infant attention and visual preferences: Converging evidence from behavior, event-related potentials, and cortical source localization.. <i>Developmental Psychology</i> , 2010, 46, 886-904.	1.2	66
536	Evaluating models of working memory through the effects of concurrent irrelevant information.. <i>Journal of Experimental Psychology: General</i> , 2010, 139, 117-137.	1.5	59
537	Diffusion Tensor Imaging in Idiopathic REM Sleep Behavior Disorder Reveals Microstructural Changes in the Brainstem, Substantia Nigra, Olfactory Region, and Other Brain Regions. <i>Sleep</i> , 2010, 33, 767-773.	0.6	175
538	Subgenual cingulate cortex and personality in chimpanzees (Pan troglodytes). <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2010, 10, 414-421.	1.0	15
539	Tract-specific analysis for investigation of Alzheimer disease: a brief review. <i>Japanese Journal of Radiology</i> , 2010, 28, 494-501.	1.0	8
540	Short-term meditation induces white matter changes in the anterior cingulate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 15649-15652.	3.3	404
541	White-matter abnormalities in brain during early abstinence from methamphetamine abuse. <i>Psychopharmacology</i> , 2010, 209, 13-24.	1.5	79
542	A single dose of mirtazapine modulates neural responses to emotional faces in healthy people. <i>Psychopharmacology</i> , 2010, 212, 625-634.	1.5	58
543	Are functional deficits in concussed individuals consistent with white matter structural alterations: combined FMRI & DTI study. <i>Experimental Brain Research</i> , 2010, 204, 57-70.	0.7	182

#	ARTICLE	IF	CITATIONS
544	Supplementary motor area activations in unconscious inhibition of voluntary action. <i>Experimental Brain Research</i> , 2010, 206, 441-448.	0.7	58
545	An enhanced voxel-based morphometry method to investigate structural changes: application to Alzheimer's disease. <i>Neuroradiology</i> , 2010, 52, 203-213.	1.1	14
546	A topology preserving non-rigid registration algorithm with integration shape knowledge to segment brain subcortical structures from MRI images. <i>Pattern Recognition</i> , 2010, 43, 2418-2427.	5.1	15
547	Evaluation of brain atrophy estimation algorithms using simulated ground-truth data. <i>Medical Image Analysis</i> , 2010, 14, 373-389.	7.0	22
548	Reduced field-of-view diffusion-weighted imaging of the brain at 7 T. <i>Magnetic Resonance Imaging</i> , 2010, 28, 1541-1545.	1.0	29
549	Mapping of the cortical spinal tracts using magnetoencephalography and diffusion tensor tractography in pediatric brain tumor patients. <i>Child's Nervous System</i> , 2010, 26, 1639-1645.	0.6	29
550	Disrupted white matter integrity of corticopontine-cerebellar circuitry in schizophrenia. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2010, 260, 419-426.	1.8	44
551	Magnetization transfer imaging in premanifest Huntington's disease. <i>Journal of Neurology</i> , 2010, 257, 426-432.	1.8	17
552	Is sedation-induced BOLD fMRI low-frequency fluctuation increase mediated by increased motion?. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2010, 23, 367-374.	1.1	14
553	Limitations of rapid myelin water quantification using 3D bSSFP. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2010, 23, 139-151.	1.1	18
554	A historical perspective on the evolution of resting-state functional connectivity with MRI. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2010, 23, 279-288.	1.1	29
555	WebParc: a tool for analysis of the topography and volume of stroke from MRI. <i>Medical and Biological Engineering and Computing</i> , 2010, 48, 215-228.	1.6	7
556	The Java Image Science Toolkit (JIST) for Rapid Prototyping and Publishing of Neuroimaging Software. <i>Neuroinformatics</i> , 2010, 8, 5-17.	1.5	121
557	Long-term characteristics of analogical processing in high-school students with high fluid intelligence: an fMRI study. <i>ZDM - International Journal on Mathematics Education</i> , 2010, 42, 635-647.	1.3	12
558	A Virtual Laboratory for Medical Image Analysis. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2010, 14, 979-985.	3.6	42
559	Fast and Accurate 3-D Registration of HR-pQCT Images. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2010, 14, 1291-1297.	3.6	5
560	Co-registration of White Matter Tractographies by Adaptive-Mean-Shift and Gaussian Mixture Modeling. <i>IEEE Transactions on Medical Imaging</i> , 2010, 29, 132-145.	5.4	30
561	Direct Magnetic Field Estimation Based on Echo Planar Raw Data. <i>IEEE Transactions on Medical Imaging</i> , 2010, 29, 1401-1411.	5.4	3

#	ARTICLE	IF	CITATIONS
562	Coupled Nonparametric Shape and Moment-Based Intershape Pose Priors for Multiple Basal Ganglia Structure Segmentation. <i>IEEE Transactions on Medical Imaging</i> , 2010, 29, 1959-1978.	5.4	16
563	Bipolar disorder comorbid with alcoholism: A 1H magnetic resonance spectroscopy study. <i>Journal of Psychiatric Research</i> , 2010, 44, 278-285.	1.5	33
564	Effects of short-term stress-like cortisol on cerebral metabolism: A proton magnetic resonance spectroscopy study at 3.0 T. <i>Journal of Psychiatric Research</i> , 2010, 44, 521-526.	1.5	11
565	Neuroimaging of the functional and structural networks underlying visuospatial vs. linguistic reasoning in high-functioning autism. <i>Neuropsychologia</i> , 2010, 48, 86-95.	0.7	161
566	Response inhibition is associated with white matter microstructure in children. <i>Neuropsychologia</i> , 2010, 48, 854-862.	0.7	93
567	Effects of heartbeat and respiration on macaque fMRI: Implications for functional connectivity. <i>Neuropsychologia</i> , 2010, 48, 1886-1894.	0.7	27
568	Brain-behavior relationships in young traumatic brain injury patients: Fractional anisotropy measures are highly correlated with dynamic visuomotor tracking performance. <i>Neuropsychologia</i> , 2010, 48, 1472-1482.	0.7	72
569	Configural specificity of the lateral occipital cortex. <i>Neuropsychologia</i> , 2010, 48, 3323-3328.	0.7	20
570	Activity in the hippocampus and neocortical working memory regions predicts successful associative memory for temporally discontinuous events. <i>Neuropsychologia</i> , 2010, 48, 3351-3359.	0.7	28
571	Pain sensation evoked by observing injury in others. <i>Pain</i> , 2010, 148, 268-274.	2.0	106
572	Differential fractional anisotropy abnormalities in adolescents with ADHD or schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2010, 181, 193-198.	0.9	115
573	Cortico-subcortical underpinnings of narrative processing impairment in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2010, 182, 77-80.	0.9	19
574	Behavioral performance predicts grey matter reductions in the right inferior frontal gyrus in young adults with combined type ADHD. <i>Psychiatry Research - Neuroimaging</i> , 2010, 182, 231-237.	0.9	72
575	MRI correlates of episodic memory in Alzheimer's disease, mild cognitive impairment, and healthy aging. <i>Psychiatry Research - Neuroimaging</i> , 2010, 184, 57-62.	0.9	106
576	Reduced medial prefrontal N-Acetyl-Aspartate levels in pediatric major depressive disorder: A multi-voxel in vivo 1H spectroscopy study. <i>Psychiatry Research - Neuroimaging</i> , 2010, 184, 71-76.	0.9	32
577	Multi-parametric neuroimaging evaluation of cerebrotendinous xanthomatosis and its correlation with neuropsychological presentations. <i>BMC Neurology</i> , 2010, 10, 59.	0.8	27
578	White matter fractional anisotropy is related to processing speed in metabolic syndrome patients: a case-control study. <i>BMC Neurology</i> , 2010, 10, 64.	0.8	33
579	Saturn: A software application of tensor utilities for research in neuroimaging. <i>Computer Methods and Programs in Biomedicine</i> , 2010, 97, 264-279.	2.6	6

#	ARTICLE	IF	CITATIONS
580	How the Opinion of Others Affects Our Valuation of Objects. <i>Current Biology</i> , 2010, 20, 1165-1170.	1.8	276
581	Alternate reading strategies and variable asymmetry of the planum temporale in adult resilient readers. <i>Brain and Language</i> , 2010, 113, 73-83.	0.8	18
582	An fMRI study of sentence-embedded lexical-semantic decision in children and adults. <i>Brain and Language</i> , 2010, 114, 90-100.	0.8	34
583	Aerobic fitness is associated with gray matter volume and white matter integrity in multiple sclerosis. <i>Brain Research</i> , 2010, 1341, 41-51.	1.1	169
584	Sport expert's motor imagery: Functional imaging of professional motor skills and simple motor skills. <i>Brain Research</i> , 2010, 1341, 52-62.	1.1	157
585	Fronto-cerebellar circuits and eye movement control: A diffusion imaging tractography study of human cortico-pontine projections. <i>Brain Research</i> , 2010, 1307, 63-71.	1.1	48
586	Behavioral, neuroimaging, and computational evidence for perceptual caching in repetition priming. <i>Brain Research</i> , 2010, 1315, 75-91.	1.1	11
587	Longitudinal characterization of white matter maturation during adolescence. <i>Brain Research</i> , 2010, 1327, 38-46.	1.1	191
588	Utility of axial and radial diffusivity from diffusion tensor MRI as markers of neurodegeneration in amyotrophic lateral sclerosis. <i>Brain Research</i> , 2010, 1348, 156-164.	1.1	105
589	Neural pathway from nucleus basalis of Meynert passing through the cingulum in the human brain. <i>Brain Research</i> , 2010, 1346, 190-194.	1.1	32
590	The effects of Brief Behavioral Activation Therapy for Depression on cognitive control in affective contexts: An fMRI investigation. <i>Journal of Affective Disorders</i> , 2010, 126, 236-244.	2.0	118
591	High-resolution BOLD fMRI measurements of local orientation-dependent contextual modulation show a mismatch between predicted V1 output and local BOLD response. <i>Vision Research</i> , 2010, 50, 1214-1224.	0.7	7
592	BOLD fMRI activation from visual stimuli in human amblyopia with independent component analysis. <i>Concepts in Magnetic Resonance Part B</i> , 2010, 37B, 7-12.	0.3	0
593	Comparing 3 T and 1.5 T MRI for tracking Alzheimer's disease progression with tensor-based morphometry. <i>Human Brain Mapping</i> , 2010, 31, 499-514.	1.9	66
594	Fronto-temporal dysregulation in asymptomatic bipolar I patients: A paired associate functional MRI study. <i>Human Brain Mapping</i> , 2010, 31, 1041-1051.	1.9	37
595	Power calculations for multicenter imaging studies controlled by the false discovery rate. <i>Human Brain Mapping</i> , 2010, 31, 1183-1195.	1.9	43
596	Intellectual abilities and white matter microstructure in development: A diffusion tensor imaging study. <i>Human Brain Mapping</i> , 2010, 31, 1609-1625.	1.9	110
597	Overall brain connectivity maps show cortico-subcortical abnormalities in schizophrenia. <i>Human Brain Mapping</i> , 2010, 31, 2003-2014.	1.9	122

#	ARTICLE	IF	CITATIONS
598	DTIâ€”ROID: Diffusion tensor imagingâ€”deformable registration using orientation and intensity descriptors. <i>International Journal of Imaging Systems and Technology</i> , 2010, 20, 99-107.	2.7	13
599	Crossâ€”sectional analysis of the association between age and corpus callosum size in chimpanzees (<i>Pan troglodytes</i>). <i>Developmental Psychobiology</i> , 2010, 52, 133-141.	0.9	21
600	Thalamic sensitization transforms localized pain into widespread allodynia. <i>Annals of Neurology</i> , 2010, 68, 81-91.	2.8	329
601	Thalamic atrophy associated with painful osteoarthritis of the hip is reversible after arthroplasty: A longitudinal voxelâ€”based morphometric study. <i>Arthritis and Rheumatism</i> , 2010, 62, 2930-2940.	6.7	267
602	Tractâ€”based spatial statistics on diffusion tensor imaging in systemic lupus erythematosus reveals localized involvement of white matter tracts. <i>Arthritis and Rheumatism</i> , 2010, 62, 3716-3721.	6.7	50
603	Smoothing that does not blur: Effects of the anisotropic approach for evaluating diffusion tensor imaging data in the clinic. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 31, 690-697.	1.9	15
604	Relationships of brain white matter microstructure with clinical and MR measures in relapsingâ€”remitting multiple sclerosis. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 31, 309-316.	1.9	73
605	Mapping of iron deposition in conjunction with assessment of nerve fiber tract integrity in amyotrophic lateral sclerosis. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 31, 1339-1345.	1.9	36
606	Effects of gradient nonâ€”linearity correction and intensity nonâ€”uniformity correction in longitudinal studies using structural image evaluation using normalization of atrophy (SIENA). <i>Journal of Magnetic Resonance Imaging</i> , 2010, 32, 489-492.	1.9	21
607	Olfactory impairment in Parkinson's disease and white matter abnormalities in central olfactory areas: A voxelâ€”based diffusion tensor imaging study. <i>Movement Disorders</i> , 2010, 25, 1888-1894.	2.2	101
608	Pallidal and thalamic deep brain stimulation in myoclonusâ€”dystonia. <i>Movement Disorders</i> , 2010, 25, 1733-1743.	2.2	131
609	Interhemispheric motor networks are abnormal in patients with Gilles de la Tourette syndrome. <i>Movement Disorders</i> , 2010, 25, 2828-2837.	2.2	42
610	A quantitative analysis of the benefits of cardiac gating in practical diffusion tensor imaging of the brain. <i>Magnetic Resonance in Medicine</i> , 2010, 63, 1098-1103.	1.9	25
611	Theoretical and experimental evaluation of continuous arterial spin labeling techniques. <i>Magnetic Resonance in Medicine</i> , 2010, 63, 438-446.	1.9	24
612	Automatic placement of outer volume suppression slices in MR spectroscopic imaging of the human brain. <i>Magnetic Resonance in Medicine</i> , 2010, 63, 592-600.	1.9	17
613	<i>T</i> ² -weighted 3D fMRI using <i>S</i> ² -SSFP at 7 tesla. <i>Magnetic Resonance in Medicine</i> , 2010, 63, 1015-1020.	1.9	34
614	Dynamic susceptibility contrast MRI with localized arterial input functions. <i>Magnetic Resonance in Medicine</i> , 2010, 63, 1305-1314.	1.9	19
615	Quantitative magnetization transfer in in vivo healthy human skeletal muscle at 3 T. <i>Magnetic Resonance in Medicine</i> , 2010, 64, 1739-1748.	1.9	57

#	ARTICLE	IF	CITATIONS
616	Quantitative assessment of motion correction for high angular resolution diffusion imaging. <i>Magnetic Resonance Imaging</i> , 2010, 28, 290-296.	1.0	26
617	A Monte Carlo simulation of image misalignment effects in diffusion tensor imaging. <i>Magnetic Resonance Imaging</i> , 2010, 28, 834-841.	1.0	3
618	Correction of low-frequency physiological noise from the resting state BOLD fMRI—Effect on ICA default mode analysis at 1.5 T. <i>Journal of Neuroscience Methods</i> , 2010, 186, 179-185.	1.3	29
619	Adaptive cyclic physiologic noise modeling and correction in functional MRI. <i>Journal of Neuroscience Methods</i> , 2010, 187, 216-228.	1.3	62
620	Visual inspection of independent components: Defining a procedure for artifact removal from fMRI data. <i>Journal of Neuroscience Methods</i> , 2010, 189, 233-245.	1.3	320
621	The non-separability of physiologic noise in functional connectivity MRI with spatial ICA at 3 T. <i>Journal of Neuroscience Methods</i> , 2010, 191, 263-276.	1.3	29
622	Non-magnetic equipment for the high-resolution quantification of finger kinematics during functional studies of bimanual coordination. <i>Journal of Neuroscience Methods</i> , 2010, 192, 173-184.	1.3	3
623	Local Heschl's Gyrus-based coordinate system for intersubject comparison of M50 auditory response modeled by single equivalent current dipole. <i>Journal of Neuroscience Methods</i> , 2010, 192, 121-126.	1.3	4
624	Large-scale functional MRI study on a production grid. <i>Future Generation Computer Systems</i> , 2010, 26, 685-692.	4.9	5
625	Quantitative mapping of diffusion characteristics under the cortical surface. <i>Magnetic Resonance Imaging</i> , 2010, 28, 1175-1182.	1.0	2
626	Application of volumetric MR spectroscopic imaging for localization of neocortical epilepsy. <i>Epilepsy Research</i> , 2010, 88, 127-138.	0.8	33
627	Fuzzy anatomical connectedness of the brain using single and multiple fibre orientations estimated from diffusion MRI. <i>Computerized Medical Imaging and Graphics</i> , 2010, 34, 504-513.	3.5	6
628	Children with new-onset epilepsy exhibit diffusion abnormalities in cerebral white matter in the absence of volumetric differences. <i>Epilepsy Research</i> , 2010, 88, 208-214.	0.8	79
629	Differences in Supratentorial Damage of White Matter in Pediatric Survivors of Posterior Fossa Tumors With and Without Adjuvant Treatment as Detected by Magnetic Resonance Diffusion Tensor Imaging. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010, 76, 859-866.	0.4	65
630	Gender differences in brain areas involved in silent counting by means of fMRI. <i>Nonlinear Biomedical Physics</i> , 2010, 4, S2.	1.5	8
631	Outcome of experimental stroke in C57Bl/6 and Sv/129 mice assessed by multimodal ultra-high field MRI. <i>Experimental & Translational Stroke Medicine</i> , 2010, 2, 6.	3.2	12
632	Biomarkers of neurological status in HIV infection: A 3-year study. <i>Proteomics - Clinical Applications</i> , 2010, 4, 295-303.	0.8	23
633	No effect of dopamine depletion on the binding of the high-affinity D2/3 radiotracer [11C]FLB 457 in the human cortex. <i>Synapse</i> , 2010, 64, 879-885.	0.6	14

#	ARTICLE	IF	CITATIONS
634	A fMRI Evaluation of Lamotrigine for the Treatment of Trigeminal Neuropathic Pain: Pilot Study. <i>Pain Medicine</i> , 2010, 11, 920-941.	0.9	23
635	Relationship of the BOLD Signal with VEP for Ultrashort Duration Visual Stimuli (0.1 to 5 ms) in Humans. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2010, 30, 449-458.	2.4	23
636	High-Affinity Dopamine D ₂ /D ₃ PET Radioligands ¹⁸ F-Fallypride and ¹¹ C-FLB457: A Comparison of Kinetics in Extrastriatal Regions Using a Multiple-Injection Protocol. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2010, 30, 994-1007.	2.4	52
637	Proton MRS in twin pairs discordant for schizophrenia. <i>Molecular Psychiatry</i> , 2010, 15, 308-318.	4.1	110
638	Medial prefrontal cortex pathology in schizophrenia as revealed by convergent findings from multimodal imaging. <i>Molecular Psychiatry</i> , 2010, 15, 823-830.	4.1	160
639	Genetic variation on the <i>BDNF</i> gene is not associated with differences in white matter tracts in healthy humans measured by tract-based spatial statistics. <i>Genes, Brain and Behavior</i> , 2010, 9, 886-891.	1.1	25
640	Visualization of image data from cells to organisms. <i>Nature Methods</i> , 2010, 7, S26-S41.	9.0	226
641	Cortical and subcortical white matter abnormalities in adults with remitted first-episode mania revealed by Tract-Based Spatial Statistics. <i>Bipolar Disorders</i> , 2010, 12, 383-389.	1.1	48
642	Prolonged maturation of prefrontal white matter in chimpanzees. <i>Nature Precedings</i> , 0, , .	0.1	6
643	Microstructural Correlates of Resilience against Major Depressive Disorder: Epigenetic Mechanisms?. <i>Nature Precedings</i> , 0, , .	0.1	1
644	Microstructural Correlates of Resilience against Major Depressive Disorder: Epigenetic Mechanisms?. <i>Nature Precedings</i> , 0, , .	0.1	1
645	Statistical learning analysis in neuroscience: aiming for transparency. <i>Frontiers in Neuroscience</i> , 2010, 4, 38.	1.4	13
646	Whole brain resting-state analysis reveals decreased functional connectivity in major depression. <i>Frontiers in Systems Neuroscience</i> , 2010, 4, .	1.2	414
647	Individuating Faces and Common Objects Produces Equal Responses in Putative Face-Processing Areas in the Ventral Occipitotemporal Cortex. <i>Frontiers in Human Neuroscience</i> , 2010, 4, 181.	1.0	36
648	Staying Cool when Things Get Hot: Emotion Regulation Modulates Neural Mechanisms of Memory Encoding. <i>Frontiers in Human Neuroscience</i> , 2010, 4, 230.	1.0	168
649	Inter-subject correlation of brain hemodynamic responses during watching a movie: localization in space and frequency. <i>Frontiers in Neuroinformatics</i> , 2010, 4, 5.	1.3	141
650	Application of neuroanatomical ontologies for neuroimaging data annotation. <i>Frontiers in Neuroinformatics</i> , 2010, 4, .	1.3	25
651	Conditional Mutual Information Maps as Descriptors of Net Connectivity Levels in the Brain. <i>Frontiers in Neuroinformatics</i> , 2010, 4, 115.	1.3	35

#	ARTICLE	IF	CITATIONS
652	Mapping primary gyrogenesis. High-resolution in utero structural MRI study of fetal brain development in pregnant baboons. <i>Frontiers in Neuroscience</i> , 2010, 4, 20.	1.4	37
653	Complementary Roles of Systems Representing Sensory Evidence and Systems Detecting Task Difficulty During Perceptual Decision Making. <i>Frontiers in Neuroscience</i> , 2010, 4, 190.	1.4	15
654	A novel model-free data analysis technique based on clustering in a mutual information space: application to resting-state fMRI. <i>Frontiers in Systems Neuroscience</i> , 2010, 4, .	1.2	11
655	Disrupted Modularity and Local Connectivity of Brain Functional Networks in Childhood-Onset Schizophrenia. <i>Frontiers in Systems Neuroscience</i> , 2010, 4, 147.	1.2	417
656	Neuroimaging Study Designs, Computational Analyses and Data Provenance Using the LONI Pipeline. <i>PLoS ONE</i> , 2010, 5, e13070.	1.1	120
657	Cortical Representation of Lateralized Grasping in Chimpanzees (Pan troglodytes): A Combined MRI and PET Study. <i>PLoS ONE</i> , 2010, 5, e13383.	1.1	24
658	Multiplexed Echo Planar Imaging for Sub-Second Whole Brain FMRI and Fast Diffusion Imaging. <i>PLoS ONE</i> , 2010, 5, e15710.	1.1	1,164
659	A Diffusion Tensor Imaging Study on the Auditory System and Tinnitus. <i>Open Neuroimaging Journal</i> , 2010, 4, 16-25.	0.2	100
660	Greater Default-Mode Network Abnormalities Compared to High Order Visual Processing Systems in Amnesic Mild Cognitive Impairment: An Integrated Multi-Modal MRI Study. <i>Journal of Alzheimer's Disease</i> , 2010, 22, 523-539.	1.2	22
661	Common and Dissociable Prefrontal Loci Associated with Component Mechanisms of Analogical Reasoning. <i>Cerebral Cortex</i> , 2010, 20, 524-533.	1.6	115
662	Contrasting gray and white matter changes in preclinical Huntington disease. <i>Neurology</i> , 2010, 74, 1208-1216.	1.5	100
663	PATH61 Structural plasticity of white matter networks following anterior temporal lobe resection. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2010, 81, e24-e24.	0.9	0
664	Multimodality Neuroimaging in Tourette Syndrome: Alpha- ¹¹ C Methyl-L-Tryptophan Positron Emission Tomography and Diffusion Tensor Imaging Studies. <i>Journal of Child Neurology</i> , 2010, 25, 336-342.	0.7	20
665	Sociotopy in the temporoparietal cortex: common versus distinct processes. <i>Social Cognitive and Affective Neuroscience</i> , 2010, 5, 48-58.	1.5	72
666	Regional Distribution and Clinical Correlates of White Matter Structural Damage in Huntington Disease: A Tract-Based Spatial Statistics Study. <i>American Journal of Neuroradiology</i> , 2010, 31, 1675-1681.	1.2	91
667	Clinical relevance of brain volume changes in patients with cerebrotendinous xanthomatosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2010, 81, 1189-1193.	0.9	18
668	Competition in Visual Cortex Impedes Attention to Multiple Items. <i>Journal of Neuroscience</i> , 2010, 30, 161-169.	1.7	50
669	High-Grade Internal Carotid Artery Stenosis and Chronic Brain Damage: A Volumetric Magnetic Resonance Imaging Study. <i>Cerebrovascular Diseases</i> , 2010, 30, 540-546.	0.8	25

#	ARTICLE	IF	CITATIONS
670	Injury of the Spino-Thalamo-Cortical Pathway Is Necessary for Central Post-Stroke Pain. <i>European Neurology</i> , 2010, 64, 163-168.	0.6	71
671	Human Medial Temporal Lobe Damage Can Disrupt the Perception of Single Objects. <i>Journal of Neuroscience</i> , 2010, 30, 6588-6594.	1.7	66
672	Reduction in Left Supplementary Motor Area Grey Matter in Adult Female Fibromyalgia Sufferers with Marked Fatigue and without Affective Disorder: A Pilot Controlled 3-T Magnetic Resonance Imaging Voxel-Based Morphometry Study. <i>Journal of International Medical Research</i> , 2010, 38, 1468-1472.	0.4	19
673	A mechanistic account of value computation in the human brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 9430-9435.	3.3	120
674	Distinct and Overlapping Functional Zones in the Cerebellum Defined by Resting State Functional Connectivity. <i>Cerebral Cortex</i> , 2010, 20, 953-965.	1.6	647
675	Striatal Volume Predicts Level of Video Game Skill Acquisition. <i>Cerebral Cortex</i> , 2010, 20, 2522-2530.	1.6	123
676	Activity Associated with Stream Segregation in Human Auditory Cortex is Similar for Spatial and Pitch Cues. <i>Cerebral Cortex</i> , 2010, 20, 2863-2873.	1.6	54
677	Direct visualization of deep brain stimulation targets in Parkinson disease with the use of 7-tesla magnetic resonance imaging. <i>Journal of Neurosurgery</i> , 2010, 113, 639-647.	0.9	153
678	A Voxel-Based Morphometry Analysis of White Matter Asymmetries in Chimpanzees (Pan) Tj ETQqO 0 0 rgBT /Overlock 10 Tf 50 422	0.9	13
679	Entorhinal cortex volume in older adults: Reliability and validity considerations for three published measurement protocols. <i>Journal of the International Neuropsychological Society</i> , 2010, 16, 846-855.	1.2	22
680	Increased neural response to fear in patients recovered from depression: a 3T functional magnetic resonance imaging study. <i>Psychological Medicine</i> , 2010, 40, 425-432.	2.7	62
681	Immaturities in Reward Processing and Its Influence on Inhibitory Control in Adolescence. <i>Cerebral Cortex</i> , 2010, 20, 1613-1629.	1.6	344
682	Resistance Training and Executive Functions. <i>Archives of Internal Medicine</i> , 2010, 170, 170.	4.3	599
683	Neurotransmitter changes in dementia with Lewy bodies and Parkinson disease dementia in vivo. <i>Neurology</i> , 2010, 74, 885-892.	1.5	299
684	Reading Networks at Rest. <i>Cerebral Cortex</i> , 2010, 20, 2549-2559.	1.6	126
685	Brain-Derived Neurotrophic Factor Is Associated with Age-Related Decline in Hippocampal Volume. <i>Journal of Neuroscience</i> , 2010, 30, 5368-5375.	1.7	462
686	Statistical Parametric Mapping and Cluster Counting Analysis of [¹⁸ F] FDG-PET Imaging in Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2010, 27, 35-49.	1.7	44
687	Separating neural correlates of allocentric and egocentric neglect: Distinct cortical sites and common white matter disconnections. <i>Cognitive Neuropsychology</i> , 2010, 27, 277-303.	0.4	135

#	ARTICLE	IF	CITATIONS
688	Inference of functional connectivity from structural brain connectivity. , 2010, , .		7
689	Segmentation of Anatomical Structures in Brain MR Images Using Atlases in FSL - A Quantitative Approach. , 2010, , .		1
690	Changes of functional connectivity and amplitude of fluctuations in Resting State fMRI data of Parkinson Disease. , 2010, , .		1
691	Multifractal analysis of Arterial Spin Labeling functional Magnetic Resonance Imaging of the brain. , 2010, , .		4
692	Techniques for Automatic Magnetic Resonance Image Classification. , 2010, , .		0
693	Atlas selection strategy for automatic segmentation of pediatric brain MRIs into 83 ROIs. , 2010, , .		5
694	Symmetrical EEG/fMRI fusion with spatially adaptive priors using variational distribution approximation. , 2010, , .		1
695	Early central atrophy rate predicts 5 year clinical outcome in multiple sclerosis. Journal of Neurology, Neurosurgery and Psychiatry, 2010, 81, 1351-1356.	0.9	64
696	White Matter in Aging and Cognition: A Cross-Sectional Study of Microstructure in Adults Aged Eighteen to Eighty-Three. Developmental Neuropsychology, 2010, 35, 257-277.	1.0	142
698	Spatial Attention Evokes Similar Activation Patterns for Visual and Auditory Stimuli. Journal of Cognitive Neuroscience, 2010, 22, 347-361.	1.1	65
699	Performance Analysis of Diffusion Tensor Imaging in an Academic Production Grid. , 2010, , .		4
700	fMRI tracks reductions in repetitive behaviors in autism: Two case studies. Neurocase, 2010, 16, 307-316.	0.2	7
701	Anatomical parts-based regression using non-negative matrix factorization. , 2010, , 2863-2870.		7
702	No Increase of the Blood Oxygenation Level-Dependent Functional Magnetic Resonance Imaging Signal with Higher Field Strength: Implications for Brain Activation Studies. Journal of Neuroscience, 2010, 30, 5234-5241.	1.7	25
703	Neurofibromin regulates corticostriatal inhibitory networks during working memory performance. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 13141-13146.	3.3	144
704	Distinct frontal systems for response inhibition, attentional capture, and error processing. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 6106-6111.	3.3	464
705	Blood-brain barrier permeability is increased in normal-appearing white matter in patients with lacunar stroke and leucoaraiosis. Journal of Neurology, Neurosurgery and Psychiatry, 2010, 81, 192-197.	0.9	238
706	OPTIMAL HRF AND SMOOTHING PARAMETERS FOR FMRI TIME SERIES WITHIN AN AUTOREGRESSIVE MODELING FRAMEWORK. Journal of Integrative Neuroscience, 2010, 09, 429-452.	0.8	4

#	ARTICLE	IF	CITATIONS
707	Preservation and Modulation of Specific Left Hemisphere Regions is Vital for Treated Recovery from Anomia in Stroke. <i>Journal of Neuroscience</i> , 2010, 30, 11558-11564.	1.7	152
708	Past Experience Modulates the Neural Mechanisms of Episodic Memory Formation. <i>Journal of Neuroscience</i> , 2010, 30, 4707-4716.	1.7	76
709	Sensitivity of MRI resonance frequency to the orientation of brain tissue microstructure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 5130-5135.	3.3	238
710	Genetic control over the resting brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 1223-1228.	3.3	436
711	Clinically Isolated Syndrome Suggestive of Multiple Sclerosis: Voxelwise Regional Investigation of White and Gray Matter. <i>Radiology</i> , 2010, 254, 227-234.	3.6	74
712	Hybrid ICA-Seed-Based Methods for fMRI Functional Connectivity Assessment: A Feasibility Study. <i>International Journal of Biomedical Imaging</i> , 2010, 2010, 1-24.	3.0	24
713	Absolute diffusivities define the landscape of white matter degeneration in Alzheimer's disease. <i>Brain</i> , 2010, 133, 529-539.	3.7	359
714	The usefulness of DTI for estimating the state of cerebellar peduncles in cerebral infarct. <i>NeuroRehabilitation</i> , 2010, 26, 299-305.	0.5	8
715	White and gray matter alterations in adults with Niemann-Pick disease type C. <i>Neurology</i> , 2010, 75, 49-56.	1.5	97
716	Effects of the DASH Diet Alone and in Combination With Exercise and Weight Loss on Blood Pressure and Cardiovascular Biomarkers in Men and Women With High Blood Pressure. <i>Archives of Internal Medicine</i> , 2010, 170, 126.	4.3	459
717	Similar White Matter Aberrations in Children With Autism and Their Unaffected Siblings. <i>Archives of General Psychiatry</i> , 2010, 67, 1052.	13.8	152
718	Activity in Preserved Left Hemisphere Regions Predicts Anomia Severity in Aphasia. <i>Cerebral Cortex</i> , 2010, 20, 1013-1019.	1.6	121
719	Cerebral Microhemorrhage and Iron Deposition in Mild Cognitive Impairment: Susceptibility-weighted MR Imaging Assessment. <i>Radiology</i> , 2010, 257, 764-773.	3.6	73
720	Surface shape analysis with an application to brain surface asymmetry in schizophrenia. <i>Biostatistics</i> , 2010, 11, 609-630.	0.9	11
721	Noninvasive Functional and Structural Connectivity Mapping of the Human Thalamocortical System. <i>Cerebral Cortex</i> , 2010, 20, 1187-1194.	1.6	327
722	Expert Cognitive Control and Individual Differences Associated with Frontal and Parietal White Matter Microstructure. <i>Journal of Neuroscience</i> , 2010, 30, 17063-17067.	1.7	44
723	The structural plasticity of white matter networks following anterior temporal lobe resection. <i>Brain</i> , 2010, 133, 2348-2364.	3.7	111
724	White matter abnormalities in methcathinone abusers with an extrapyramidal syndrome. <i>Brain</i> , 2010, 133, 3676-3684.	3.7	42

#	ARTICLE	IF	CITATIONS
725	White Matter Microstructure Changes in the Thalamus in Parkinson Disease with Depression: A Diffusion Tensor MR Imaging Study. <i>American Journal of Neuroradiology</i> , 2010, 31, 1861-1866.	1.2	94
726	Investigating the Interaction between Spatial Perception and Working Memory in the Human Medial Temporal Lobe. <i>Journal of Cognitive Neuroscience</i> , 2010, 22, 2823-2835.	1.1	53
727	Anatomical and Functional Connectivity of Cytoarchitectonic Areas within the Human Parietal Operculum. <i>Journal of Neuroscience</i> , 2010, 30, 6409-6421.	1.7	324
728	Improved Detection of Active Multiple Sclerosis Lesions: 3D Subtraction Imaging. <i>Radiology</i> , 2010, 255, 154-163.	3.6	70
729	Cerebellar Cortical Layers: In Vivo Visualization with Structural High-Field-Strength MR Imaging. <i>Radiology</i> , 2010, 254, 942-948.	3.6	66
730	Gray- and White-Matter Changes 1 Year after First Clinical Episode of Multiple Sclerosis: MR Imaging. <i>Radiology</i> , 2010, 257, 448-454.	3.6	74
731	Physical activity predicts gray matter volume in late adulthood. <i>Neurology</i> , 2010, 75, 1415-1422.	1.5	414
732	Functional Connectivity in Late-Life Depression Using Resting-State Functional Magnetic Resonance Imaging. <i>American Journal of Geriatric Psychiatry</i> , 2010, 18, 643-651.	0.6	71
733	Inhibitory Motor Control in Response Stopping and Response Switching. <i>Journal of Neuroscience</i> , 2010, 30, 8512-8518.	1.7	84
734	Eigenvector Centrality Mapping for Analyzing Connectivity Patterns in fMRI Data of the Human Brain. <i>PLoS ONE</i> , 2010, 5, e10232.	1.1	406
735	A Functional Magnetic Resonance Imaging Study of Verbal Working Memory in Young People at Increased Familial Risk of Depression. <i>Biological Psychiatry</i> , 2010, 67, 471-477.	0.7	40
736	Regional Brain Activity During Early Visual Perception in Unaffected Siblings of Schizophrenia Patients. <i>Biological Psychiatry</i> , 2010, 68, 78-85.	0.7	13
737	Right Orbitofrontal Corticolimbic and Left Corticocortical White Matter Connectivity Differentiate Bipolar and Unipolar Depression. <i>Biological Psychiatry</i> , 2010, 68, 560-567.	0.7	151
738	Global and local morphometric differences in recently abstinent methamphetamine-dependent individuals. <i>NeuroImage</i> , 2010, 50, 1392-1401.	2.1	150
739	Peripherally injected cholecystokinin-induced neuronal activation is modified by dietary composition in mice. <i>NeuroImage</i> , 2010, 50, 1560-1565.	2.1	15
740	Improving intersubject image registration using tissue-class information benefits robustness and accuracy of multi-atlas based anatomical segmentation. <i>NeuroImage</i> , 2010, 51, 221-227.	2.1	174
741	Genetics of microstructure of cerebral white matter using diffusion tensor imaging. <i>NeuroImage</i> , 2010, 53, 1109-1116.	2.1	156
742	Improved tractography alignment using combined volumetric and surface registration. <i>NeuroImage</i> , 2010, 51, 206-213.	2.1	64

#	ARTICLE	IF	CITATIONS
743	Mapping Alzheimer's disease progression in 1309 MRI scans: Power estimates for different inter-scan intervals. <i>NeuroImage</i> , 2010, 51, 63-75.	2.1	79
744	A group model for stable multi-subject ICA on fMRI datasets. <i>NeuroImage</i> , 2010, 51, 288-299.	2.1	135
745	Normal variation in fronto-occipital circuitry and cerebellar structure with an autism-associated polymorphism of CNTNAP2. <i>NeuroImage</i> , 2010, 53, 1030-1042.	2.1	105
746	White-matter abnormalities in Tourette syndrome extend beyond motor pathways. <i>NeuroImage</i> , 2010, 51, 1184-1193.	2.1	92
747	Tensor-based morphometry with stationary velocity field diffeomorphic registration: Application to ADNI. <i>NeuroImage</i> , 2010, 51, 956-969.	2.1	23
748	Topography of connections between human prefrontal cortex and mediodorsal thalamus studied with diffusion tractography. <i>NeuroImage</i> , 2010, 51, 555-564.	2.1	165
749	Somatotopic location of corticospinal tract at pons in human brain: A diffusion tensor tractography study. <i>NeuroImage</i> , 2010, 51, 952-955.	2.1	60
750	Structural asymmetries in motor and language networks in a population of healthy preterm neonates at term equivalent age: A diffusion tensor imaging and probabilistic tractography study. <i>NeuroImage</i> , 2010, 51, 783-788.	2.1	61
751	LONI MiND: Metadata in NIfTI for DWI. <i>NeuroImage</i> , 2010, 51, 665-676.	2.1	14
752	Age-related changes in grey and white matter structure throughout adulthood. <i>NeuroImage</i> , 2010, 51, 943-951.	2.1	428
753	An arterial spin labeling investigation of cerebral blood flow deficits in chronic stroke survivors. <i>NeuroImage</i> , 2010, 51, 995-1005.	2.1	62
754	The effect and reproducibility of different clinical DTI gradient sets on small world brain connectivity measures. <i>NeuroImage</i> , 2010, 51, 1106-1116.	2.1	114
755	Accuracy and reproducibility study of automatic MRI brain tissue segmentation methods. <i>NeuroImage</i> , 2010, 51, 1047-1056.	2.1	121
756	Comparative mouse brain tractography of diffusion magnetic resonance imaging. <i>NeuroImage</i> , 2010, 51, 1027-1036.	2.1	70
757	Subject order-independent group ICA (SOI-GICA) for functional MRI data analysis. <i>NeuroImage</i> , 2010, 51, 1414-1424.	2.1	50
758	COMT Val158Met polymorphism in relation to activation and de-activation in the prefrontal cortex: A study in patients with schizophrenia and healthy subjects. <i>NeuroImage</i> , 2010, 53, 899-907.	2.1	27
759	Practice effects in the brain: Changes in cerebral activation after working memory practice depend on task demands. <i>NeuroImage</i> , 2010, 52, 658-668.	2.1	105
760	Characterization of normal appearing brain structures using high-resolution quantitative magnetization transfer steady-state free precession imaging. <i>NeuroImage</i> , 2010, 52, 532-537.	2.1	13

#	ARTICLE	IF	CITATIONS
761	A study of the reproducibility and etiology of diffusion anisotropy differences in developmental stuttering: A potential role for impaired myelination. <i>NeuroImage</i> , 2010, 52, 1495-1504.	2.1	113
762	BOLD fMRI of visual and somatosensory motor stimulations in baboons. <i>NeuroImage</i> , 2010, 52, 1420-1427.	2.1	16
763	An optimised tract-based spatial statistics protocol for neonates: Applications to prematurity and chronic lung disease. <i>NeuroImage</i> , 2010, 53, 94-102.	2.1	154
764	Autobiographical memory retrieval in patients with Alzheimer's disease. <i>NeuroImage</i> , 2010, 53, 331-340.	2.1	56
765	Connectivity-based segmentation of the substantia nigra in human and its implications in Parkinson's disease. <i>NeuroImage</i> , 2010, 52, 1175-1180.	2.1	124
766	Nearly automatic segmentation of hippocampal subfields in in vivo focal T2-weighted MRI. <i>NeuroImage</i> , 2010, 53, 1208-1224.	2.1	222
767	Time lag dependent multimodal processing of concurrent fMRI and near-infrared spectroscopy (NIRS) data suggests a global circulatory origin for low-frequency oscillation signals in human brain. <i>NeuroImage</i> , 2010, 53, 553-564.	2.1	172
768	Diffusion tensor imaging reveals regional differences in the cervical spinal cord in amyotrophic lateral sclerosis. <i>NeuroImage</i> , 2010, 53, 576-583.	2.1	77
769	Engagement of large-scale networks is related to individual differences in inhibitory control. <i>NeuroImage</i> , 2010, 53, 653-663.	2.1	157
770	Highly accurate inverse consistent registration: A robust approach. <i>NeuroImage</i> , 2010, 53, 1181-1196.	2.1	1,099
771	Cognitive and Motor Loops of the Human Cerebro-cerebellar System. <i>Journal of Cognitive Neuroscience</i> , 2010, 22, 2663-2676.	1.1	228
772	White Matter Compromise of Callosal and Subcortical Fiber Tracts in Children With Autism Spectrum Disorder: A Diffusion Tensor Imaging Study. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2010, 49, 1269-1278.e2.	0.3	104
773	Altered Development of White Matter in Youth at High Familial Risk for Bipolar Disorder: A Diffusion Tensor Imaging Study. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2010, 49, 1249-1259.e1.	0.3	43
774	Brain Maturation in Adolescence and Young Adulthood: Regional Age-Related Changes in Cortical Thickness and White Matter Volume and Microstructure. <i>Cerebral Cortex</i> , 2010, 20, 534-548.	1.6	668
775	Life-Span Changes of the Human Brain White Matter: Diffusion Tensor Imaging (DTI) and Volumetry. <i>Cerebral Cortex</i> , 2010, 20, 2055-2068.	1.6	664
776	Robust feature selection in resting-state fMRI connectivity based on population studies. , 2010, , 63-70.		21
777	Automated segmentation of brain lesions by combining intensity and spatial information. , 2010, , .		4
778	Recursive approach to the moment-based phase unwrapping method. <i>Applied Optics</i> , 2010, 49, 3096.	2.1	5

#	ARTICLE	IF	CITATIONS
779	Identification of spinothalamic tract and its related thalamocortical fibers in human brain. <i>Neuroscience Letters</i> , 2010, 468, 102-105.	1.0	56
780	A multimodal MRI investigation of the subventricular zone in mild cognitive impairment and Alzheimer's disease patients. <i>Neuroscience Letters</i> , 2010, 469, 214-218.	1.0	36
781	Mammillothalamic tract in human brain: Diffusion tensor tractography study. <i>Neuroscience Letters</i> , 2010, 481, 51-53.	1.0	35
782	Mindreading in individuals with an empathizing versus systemizing cognitive style: An fMRI study. <i>Brain Research Bulletin</i> , 2010, 83, 214-222.	1.4	22
783	Gender differences in the relationship between white matter organization and adolescent substance use disorders. <i>Drug and Alcohol Dependence</i> , 2010, 110, 55-61.	1.6	35
784	Neurocognitive correlates of white matter quality in adolescent substance users. <i>Brain and Cognition</i> , 2010, 72, 347-354.	0.8	74
785	White matter integrity and pictorial reasoning in high-functioning children with autism. <i>Brain and Cognition</i> , 2010, 73, 180-188.	0.8	65
786	Brain activation evoked by erotic films varies with different menstrual phases: An fMRI study. <i>Behavioural Brain Research</i> , 2010, 206, 279-285.	1.2	50
787	Planum temporale surface area and grey matter asymmetries in chimpanzees (<i>Pan troglodytes</i>): The effect of handedness and comparison with findings in humans. <i>Behavioural Brain Research</i> , 2010, 208, 436-443.	1.2	78
788	Functional MRI evidence for inefficient attentional control in adolescent chronic cannabis abuse. <i>Behavioural Brain Research</i> , 2010, 215, 45-57.	1.2	96
789	White matter pathology isolates the hippocampal formation in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2010, 31, 244-256.	1.5	241
790	Whole-brain atrophy rate and CSF biomarker levels in MCI and AD: A longitudinal study. <i>Neurobiology of Aging</i> , 2010, 31, 758-764.	1.5	90
791	Sex and age differences in atrophic rates: an ADNI study with n=1368 MRI scans. <i>Neurobiology of Aging</i> , 2010, 31, 1463-1480.	1.5	181
792	Predicting Value of Pain and Analgesia: Nucleus Accumbens Response to Noxious Stimuli Changes in the Presence of Chronic Pain. <i>Neuron</i> , 2010, 66, 149-160.	3.8	466
793	Depression symptoms and cognitive control of emotion cues: a functional magnetic resonance imaging study. <i>Neuroscience</i> , 2010, 167, 97-103.	1.1	91
794	Structure-function relationships in the context of reinforcement-related learning: a combined diffusion tensor imaging and functional magnetic resonance imaging study. <i>Neuroscience</i> , 2010, 168, 190-199.	1.1	21
795	Working memory performance and thalamus microstructure in healthy subjects. <i>Neuroscience</i> , 2010, 171, 496-505.	1.1	37
796	Methods of MRI-based structural imaging in the aging monkey. <i>Methods</i> , 2010, 50, 166-177.	1.9	19

#	ARTICLE	IF	CITATIONS
797	Development of structural MR brain imaging protocols to study genetics and maturation. <i>Methods</i> , 2010, 50, 136-146.	1.9	24
798	Eye movement and diffusion tensor imaging analysis of treatment effects in a Niemann-Pick Type C patient. <i>Molecular Genetics and Metabolism</i> , 2010, 99, 291-295.	0.5	27
799	Loss of "Small-World" Networks in Alzheimer's Disease: Graph Analysis of fMRI Resting-State Functional Connectivity. <i>PLoS ONE</i> , 2010, 5, e13788.	1.1	523
800	Distinct Value Signals in Anterior and Posterior Ventromedial Prefrontal Cortex. <i>Journal of Neuroscience</i> , 2010, 30, 2490-2495.	1.7	255
801	Towards an Ontology of Cognitive Control. <i>Topics in Cognitive Science</i> , 2010, 2, 678-692.	1.1	122
802	Neural Basis of Individual Differences in Synesthetic Experiences. <i>Journal of Neuroscience</i> , 2010, 30, 6205-6213.	1.7	140
803	Smaller Cornu Ammonis 3/Dentate Gyrus Volumes and Elevated Cortisol in Multiple Sclerosis Patients with Depressive Symptoms. <i>Biological Psychiatry</i> , 2010, 68, 553-559.	0.7	109
804	Individual Prediction of Cognitive Decline in Mild Cognitive Impairment Using Support Vector Machine-Based Analysis of Diffusion Tensor Imaging Data. <i>Journal of Alzheimer's Disease</i> , 2010, 22, 315-327.	1.2	111
805	White matter is altered with parental family history of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2010, 6, 394-403.	0.4	109
806	Temporomandibular Disorder Modifies Cortical Response to Tactile Stimulation. <i>Journal of Pain</i> , 2010, 11, 1083-1094.	0.7	35
807	fMRI congruous word repetition effects reflect memory variability in normal elderly. <i>Neurobiology of Aging</i> , 2010, 31, 1975-1990.	1.5	14
808	Independent component analysis reveals dynamic ictal BOLD responses in EEG-fMRI data from focal epilepsy patients. <i>NeuroImage</i> , 2010, 49, 366-378.	2.1	62
809	Longitudinal changes in grey and white matter during adolescence. <i>NeuroImage</i> , 2010, 49, 94-103.	2.1	352
810	Classification of spatially unaligned fMRI scans. <i>NeuroImage</i> , 2010, 49, 2509-2519.	2.1	31
811	Encoding the future: Successful processing of intentions engages predictive brain networks. <i>NeuroImage</i> , 2010, 49, 905-913.	2.1	61
812	Neural correlates of social cognition in naturalistic settings: A model-free analysis approach. <i>NeuroImage</i> , 2010, 49, 894-904.	2.1	121
813	Reliability of fiber tracking measurements in diffusion tensor imaging for longitudinal study. <i>NeuroImage</i> , 2010, 49, 1572-1580.	2.1	102
814	Identifying objects impairs knowledge of other objects: A relearning explanation for the neural repetition effect. <i>NeuroImage</i> , 2010, 49, 1919-1932.	2.1	13

#	ARTICLE	IF	CITATIONS
815	Combining shape and connectivity analysis: An MRI study of thalamic degeneration in Alzheimer's disease. <i>NeuroImage</i> , 2010, 49, 1-8.	2.1	171
816	Structural and functional brain correlates of subclinical psychotic symptoms in 11-13 year old schoolchildren. <i>NeuroImage</i> , 2010, 49, 1875-1885.	2.1	129
817	Age-related differences in white matter microstructure: Region-specific patterns of diffusivity. <i>NeuroImage</i> , 2010, 49, 2104-2112.	2.1	340
818	Processing speed is correlated with cerebral health markers in the frontal lobes as quantified by neuroimaging. <i>NeuroImage</i> , 2010, 49, 1190-1199.	2.1	125
819	Brain tractography using Q-ball imaging and graph theory: Improved connectivities through fibre crossings via a model-based approach. <i>NeuroImage</i> , 2010, 49, 2444-2456.	2.1	56
820	Somatosensory cortical activation identified by functional MRI in preterm and term infants. <i>NeuroImage</i> , 2010, 49, 2063-2071.	2.1	102
821	Atrophy patterns in Alzheimer's disease and semantic dementia: A comparison of FreeSurfer and manual volumetric measurements. <i>NeuroImage</i> , 2010, 49, 2264-2274.	2.1	97
822	Neural foundations of risk-return trade-off in investment decisions. <i>NeuroImage</i> , 2010, 49, 2556-2563.	2.1	51
823	Emotional priming effects during Stroop task performance. <i>NeuroImage</i> , 2010, 49, 2662-2670.	2.1	113
824	Investigating hemodynamic response variability at the group level using basis functions. <i>NeuroImage</i> , 2010, 49, 2113-2122.	2.1	59
825	A multiple-plane approach to measure the structural properties of functionally active regions in the human cortex. <i>NeuroImage</i> , 2010, 49, 3075-3085.	2.1	8
826	Your mind's hand: Motor imagery of pointing movements with different accuracy. <i>NeuroImage</i> , 2010, 49, 3239-3247.	2.1	49
827	Efficient correction of inhomogeneous static magnetic field-induced distortion in Echo Planar Imaging. <i>NeuroImage</i> , 2010, 50, 175-183.	2.1	402
828	Enhanced cortical reperfusion protects coagulation factor XII-deficient mice from ischemic stroke as revealed by high-field MRI. <i>NeuroImage</i> , 2010, 49, 2907-2914.	2.1	46
829	Bias in estimation of hippocampal atrophy using deformation-based morphometry arises from asymmetric global normalization: An illustration in ADNI 3 T MRI data. <i>NeuroImage</i> , 2010, 50, 434-445.	2.1	116
830	Evaluating functional localizers: The case of the FFA. <i>NeuroImage</i> , 2010, 50, 56-71.	2.1	89
831	Modulation by EEG features of BOLD responses to interictal epileptiform discharges. <i>NeuroImage</i> , 2010, 50, 15-26.	2.1	34
832	The influence of directed covert attention on emotional face processing. <i>NeuroImage</i> , 2010, 50, 545-551.	2.1	26

#	ARTICLE	IF	CITATIONS
833	Confirming white matter fMRI activation in the corpus callosum: Co-localization with DTI tractography. <i>NeuroImage</i> , 2010, 50, 616-621.	2.1	81
834	BOLD signal responses to controlled hypercapnia in human spinal cord. <i>NeuroImage</i> , 2010, 50, 1074-1084.	2.1	59
835	Atypical development of white matter microstructure in adolescents with autism spectrum disorders. <i>NeuroImage</i> , 2010, 50, 873-882.	2.1	210
836	Activation in striatum and medial temporal lobe during sequence learning in younger and older adults: Relations to performance. <i>NeuroImage</i> , 2010, 50, 1303-1312.	2.1	111
837	Identifying population differences in whole-brain structural networks: A machine learning approach. <i>NeuroImage</i> , 2010, 50, 910-919.	2.1	86
838	An automated strategy for the delineation and parcellation of commissural pathways suitable for clinical populations utilising high angular resolution diffusion imaging tractography. <i>NeuroImage</i> , 2010, 50, 1044-1053.	2.1	40
839	Willful Modulation of Brain Activity in Disorders of Consciousness. <i>New England Journal of Medicine</i> , 2010, 362, 579-589.	13.9	1,220
840	Breast MRI intensity non-uniformity correction using mean-shift. <i>Proceedings of SPIE</i> , 2010, , .	0.8	3
841	Reduced Fractional Anisotropy Does Not Change the Shape of the Hemodynamic Response in Survivors of Severe Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2010, 27, 853-862.	1.7	17
842	Sensitivity of volumetric brain analysis to systematic and random errors. , 2010, , .		1
843	Atlas Generation for Subcortical and Ventricular Structures With Its Applications in Shape Analysis. <i>IEEE Transactions on Image Processing</i> , 2010, 19, 1539-1547.	6.0	43
844	Clustering inter-subject correlation matrices in functional magnetic resonance imaging. , 2010, , .		6
845	Rapid and automatic atlas-based approach of Alzheimer's disease assessment by positron emission tomography neuroimages. , 2010, , .		0
846	Comparison evaluation of three brain MRI segmentation methods in software tools. , 2010, , .		9
847	Compact review of structural and microstructural brain image analysis methods. , 2010, , .		0
848	Changes of localized spontaneous activity and connectivity in resting state fMRI data of Parkinson disease. , 2010, , .		0
849	Remote support and reporting system for advanced applications of magnetic resonance imaging. , 2010, , .		0
850	A translational bridge between mouse and human models of learned safety. <i>Annals of Medicine</i> , 2010, 42, 127-134.	1.5	51

#	ARTICLE	IF	CITATIONS
851	Effect assessment of Parkinson disease on default mode network of the brain with ICA and SCA methods in Resting State fMRI data. , 2011, , .		0
852	Multifractal analysis of blood oxygen level dependent functional magnetic resonance imaging. , 2011, , .		1
853	Paravirtualization for Scientific Computing: Performance Analysis and Prediction. , 2011, , .		6
854	Novel vector beamformers for EEG source imaging. , 2011, , .		3
855	Fiber stippling: An illustrative rendering for probabilistic diffusion tractography. , 2011, , .		8
856	Automatic extraction of cortical gray matter by geodesic contours. , 2011, , .		0
857	Task-modulated neural activation patterns in chronic stroke patients with aphasia. Aphasiology, 2011, 25, 927-951.	1.4	31
858	The organization of the human cerebellum estimated by intrinsic functional connectivity. Journal of Neurophysiology, 2011, 106, 2322-2345.	0.9	3,788
859	Tackling the Cognitive Processes That Underlie Brands' Assessments Using Artificial Neural Networks and Whole Brain fMRI Acquisitions. , 2011, , .		6
860	The brain in myotonic dystrophy 1 and 2: evidence for a predominant white matter disease. Brain, 2011, 134, 3530-3546.	3.7	199
861	Survival of Human Induced Pluripotent Stem Cellâ€Derived Midbrain Dopaminergic Neurons in the Brain of a Primate Model of Parkinson's Disease. Journal of Parkinson's Disease, 2011, 1, 395-412.	1.5	110
862	Analysis of Multimodal Neuroimaging Data. IEEE Reviews in Biomedical Engineering, 2011, 4, 26-58.	13.1	122
863	MRI Structural Connectivity, Disruption of Primary Sensorimotor Pathways, and Hand Function in Cerebral Palsy. Brain Connectivity, 2011, 1, 309-316.	0.8	92
864	Theory of mind in schizophrenia: Exploring neural mechanisms of belief attribution. Social Neuroscience, 2011, 6, 569-581.	0.7	75
865	The organization of the human cerebral cortex estimated by intrinsic functional connectivity. Journal of Neurophysiology, 2011, 106, 1125-1165.	0.9	6,420
866	Behavioral Interpretations of Intrinsic Connectivity Networks. Journal of Cognitive Neuroscience, 2011, 23, 4022-4037.	1.1	959
867	Intrinsic functional architecture predicts electrically evoked responses in the human brain. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 10308-10313.	3.3	161
868	White Matter Microstructure in Superior Longitudinal Fasciculus Associated with Spatial Working Memory Performance in Children. Journal of Cognitive Neuroscience, 2011, 23, 2135-2146.	1.1	169

#	ARTICLE	IF	CITATIONS
869	Gray Matter Alterations in Adults with Attention-Deficit/Hyperactivity Disorder Identified by Voxel Based Morphometry. <i>Biological Psychiatry</i> , 2011, 69, 857-866.	0.7	137
870	Reduced Interhemispheric Resting State Functional Connectivity in Cocaine Addiction. <i>Biological Psychiatry</i> , 2011, 69, 684-692.	0.7	209
871	Frontal Hyperconnectivity Related to Discounting and Reversal Learning in Cocaine Subjects. <i>Biological Psychiatry</i> , 2011, 69, 1117-1123.	0.7	112
872	Oxytocin Modulates Amygdala, Insula, and Inferior Frontal Gyrus Responses to Infant Crying: A Randomized Controlled Trial. <i>Biological Psychiatry</i> , 2011, 70, 291-297.	0.7	363
873	The Association of Elevated Body Mass Index with Reduced Brain Volumes in First-Episode Mania. <i>Biological Psychiatry</i> , 2011, 70, 381-387.	0.7	62
874	Changes in Gray Matter Volume and White Matter Microstructure in Adolescents with Obsessive-Compulsive Disorder. <i>Biological Psychiatry</i> , 2011, 70, 1083-1090.	0.7	146
875	Developmental changes in brain function underlying the influence of reward processing on inhibitory control. <i>Developmental Cognitive Neuroscience</i> , 2011, 1, 517-529.	1.9	169
876	Developmental changes in adolescents' neural response to challenge. <i>Developmental Cognitive Neuroscience</i> , 2011, 1, 560-569.	1.9	17
877	Probing the Brain in Autism Using fMRI and Diffusion Tensor Imaging. <i>Journal of Visualized Experiments</i> , 2011, , .	0.2	7
878	Inhibition-related Activation in the Right Inferior Frontal Gyrus in the Absence of Inhibitory Cues. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 3388-3399.	1.1	95
879	Prefrontal Transcranial Direct Current Stimulation Changes Connectivity of Resting-State Networks during fMRI. <i>Journal of Neuroscience</i> , 2011, 31, 15284-15293.	1.7	501
880	Effects of Non-Local Diffusion on Structural MRI Preprocessing and Default Network Mapping: Statistical Comparisons with Isotropic/Anisotropic Diffusion. <i>PLoS ONE</i> , 2011, 6, e26703.	1.1	59
881	Probabilistic Somatotopy of the Spinothalamic Pathway at the Ventroposterolateral Nucleus of the Thalamus in the Human Brain. <i>American Journal of Neuroradiology</i> , 2011, 32, 1358-1362.	1.2	18
882	Statistical analysis of relative pose information of subcortical nuclei: Application on ADNI data. <i>NeuroImage</i> , 2011, 55, 999-1008.	2.1	21
883	Regional heterogeneity in limbic maturational changes: Evidence from integrating cortical thickness, volumetric and diffusion tensor imaging measures. <i>NeuroImage</i> , 2011, 55, 868-879.	2.1	55
884	A learning-based wrapper method to correct systematic errors in automatic image segmentation: Consistently improved performance in hippocampus, cortex and brain segmentation. <i>NeuroImage</i> , 2011, 55, 968-985.	2.1	162
885	Image analysis and statistical inference in neuroimaging with R. <i>NeuroImage</i> , 2011, 55, 1686-1693.	2.1	53
886	Human reversal learning under conditions of certain versus uncertain outcomes. <i>NeuroImage</i> , 2011, 56, 315-322.	2.1	48

#	ARTICLE	IF	CITATIONS
887	Quantification of accuracy and precision of multi-center DTI measurements: A diffusion phantom and human brain study. <i>NeuroImage</i> , 2011, 56, 1398-1411.	2.1	130
888	Task relevance modulates successful retrieval effects during explicit and implicit memory tests. <i>NeuroImage</i> , 2011, 56, 345-353.	2.1	14
889	Boys do it the right way: Sex-dependent amygdala lateralization during face processing in adolescents. <i>NeuroImage</i> , 2011, 56, 1847-1853.	2.1	73
890	Processing of facial expressions and their significance for the observer in subregions of the human amygdala. <i>NeuroImage</i> , 2011, 56, 299-306.	2.1	44
891	Non-parametric model selection for subject-specific topological organization of resting-state functional connectivity. <i>NeuroImage</i> , 2011, 56, 1453-1462.	2.1	7
892	Neurochemical alterations in adolescent chronic marijuana smokers: A proton MRS study. <i>NeuroImage</i> , 2011, 57, 69-75.	2.1	82
893	Neural mechanisms of semantic interference and false recognition in short-term memory. <i>NeuroImage</i> , 2011, 56, 1726-1734.	2.1	61
894	Automatic morphometry in Alzheimer's disease and mild cognitive impairment. <i>NeuroImage</i> , 2011, 56, 2024-2037.	2.1	120
895	Evidence for potentials and limitations of brain plasticity using an atlas of functional resectability of WHO grade II gliomas: Towards a "minimal common brain". <i>NeuroImage</i> , 2011, 56, 992-1000.	2.1	325
896	Cerebello-thalamo-cerebral connections in pediatric brain tumor patients: Impact on working memory. <i>NeuroImage</i> , 2011, 56, 2238-2248.	2.1	99
897	Diffusion imaging of whole, post-mortem human brains on a clinical MRI scanner. <i>NeuroImage</i> , 2011, 57, 167-181.	2.1	239
898	An improved method for mapping cerebrovascular reserve using concurrent fMRI and near-infrared spectroscopy with Regressor Interpolation at Progressive Time Delays (RIPTiDe). <i>NeuroImage</i> , 2011, 56, 2047-2057.	2.1	44
899	T2*-based fiber orientation mapping. <i>NeuroImage</i> , 2011, 57, 225-234.	2.1	118
900	Impairment in explicit visuomotor sequence learning is related to loss of microstructural integrity of the corpus callosum in multiple sclerosis patients with minimal disability. <i>NeuroImage</i> , 2011, 57, 495-501.	2.1	34
901	Robust subdivision of the thalamus in children based on probability distribution functions calculated from probabilistic tractography. <i>NeuroImage</i> , 2011, 57, 403-415.	2.1	23
902	Wallerian degeneration after spinal cord lesions in cats detected with diffusion tensor imaging. <i>NeuroImage</i> , 2011, 57, 1068-1076.	2.1	43
903	Neuronal correlates of altered empathy and social cognition in borderline personality disorder. <i>NeuroImage</i> , 2011, 57, 539-548.	2.1	242
904	Effect of head size on diffusion tensor imaging. <i>NeuroImage</i> , 2011, 57, 958-967.	2.1	45

#	ARTICLE	IF	CITATIONS
905	Fractional anisotropy of cerebral white matter and thickness of cortical gray matter across the lifespan. <i>NeuroImage</i> , 2011, 58, 41-49.	2.1	139
906	Antidepressant medications reduce subcortical cortical resting-state functional connectivity in healthy volunteers. <i>NeuroImage</i> , 2011, 57, 1317-1323.	2.1	172
907	Functional neuroimaging of the baboon during concurrent image-guided transcranial magnetic stimulation. <i>NeuroImage</i> , 2011, 57, 1393-1401.	2.1	21
908	Real-time cardiac synchronization with fixed volume frame rate for reducing physiological instabilities in 3D fMRI. <i>NeuroImage</i> , 2011, 57, 1364-1375.	2.1	14
909	Beyond acute social stress: Increased functional connectivity between amygdala and cortical midline structures. <i>NeuroImage</i> , 2011, 57, 1534-1541.	2.1	207
910	Local MRI analysis approach in the diagnosis of early and prodromal Alzheimer's disease. <i>NeuroImage</i> , 2011, 58, 469-480.	2.1	161
911	BOLD responses to different temporal frequency stimuli in the lateral geniculate nucleus and visual cortex: Insights into the neural basis of fMRI. <i>NeuroImage</i> , 2011, 58, 82-90.	2.1	35
912	Probabilistic fibre tract analysis of cytoarchitectonically defined human inferior parietal lobule areas reveals similarities to macaques. <i>NeuroImage</i> , 2011, 58, 362-380.	2.1	216
913	Emotion regulation and brain plasticity: Expressive suppression use predicts anterior insula volume. <i>NeuroImage</i> , 2011, 58, 10-15.	2.1	107
914	Population-averaged diffusion tensor imaging atlas of the Sprague Dawley rat brain. <i>NeuroImage</i> , 2011, 58, 975-983.	2.1	33
915	How the brain tissue shapes the electric field induced by transcranial magnetic stimulation. <i>NeuroImage</i> , 2011, 58, 849-859.	2.1	291
916	Neural correlates of training-related working-memory gains in old age. <i>NeuroImage</i> , 2011, 58, 1110-1120.	2.1	182
917	Brain microstructural correlates of visuospatial choice reaction time in children. <i>NeuroImage</i> , 2011, 58, 1090-1100.	2.1	31
918	Increased anterior cingulate and temporal lobe activity during visuospatial working memory in children and adolescents with schizophrenia. <i>Schizophrenia Research</i> , 2011, 125, 118-128.	1.1	21
919	Greater white and grey matter changes associated with early cannabis use in adolescent-onset schizophrenia (AOS). <i>Schizophrenia Research</i> , 2011, 128, 91-97.	1.1	86
920	Levels of phosphorylated axonal neurofilament subunit H (pNfH) are increased in acute ischemic stroke. <i>Journal of the Neurological Sciences</i> , 2011, 304, 117-121.	0.3	58
921	Sensorimotor network in cervical dystonia and the effect of botulinum toxin treatment: A functional MRI study. <i>Journal of the Neurological Sciences</i> , 2011, 306, 71-75.	0.3	55
922	Diffusion tensor imaging and cognitive speed in children with multiple sclerosis. <i>Journal of the Neurological Sciences</i> , 2011, 309, 68-74.	0.3	41

#	ARTICLE	IF	CITATIONS
923	Within- and cross-participant classifiers reveal different neural coding of information. <i>NeuroImage</i> , 2011, 56, 699-708.	2.1	51
924	Grey matter and cognitive deficits in young relatives of schizophrenia patients. <i>NeuroImage</i> , 2011, 54, S287-S292.	2.1	44
925	Common component classification: What can we learn from machine learning?. <i>NeuroImage</i> , 2011, 56, 517-524.	2.1	3
926	Sex-linked white matter microstructure of the social and analytic brain. <i>NeuroImage</i> , 2011, 54, 725-733.	2.1	62
927	Striatal functional connectivity networks are modulated by fMRI resting state conditions. <i>NeuroImage</i> , 2011, 54, 380-388.	2.1	25
928	Functional connectivity analysis of fMRI data using parameterized regions-of-interest. <i>NeuroImage</i> , 2011, 54, 410-416.	2.1	5
929	Unbiased average age-appropriate atlases for pediatric studies. <i>NeuroImage</i> , 2011, 54, 313-327.	2.1	1,825
930	Partition-based mass clustering of tractography streamlines. <i>NeuroImage</i> , 2011, 54, 303-312.	2.1	43
931	Robustly measuring vascular reactivity differences with breath-hold: Normalising stimulus-evoked and resting state BOLD fMRI data. <i>NeuroImage</i> , 2011, 54, 369-379.	2.1	120
932	Anatomical differences and network characteristics underlying smoking cue reactivity. <i>NeuroImage</i> , 2011, 54, 131-141.	2.1	84
933	Manifestation of ocular-muscle EMG contamination in human intracranial recordings. <i>NeuroImage</i> , 2011, 54, 213-233.	2.1	125
934	Factors underlying prefrontal and insula structural alterations in smokers. <i>NeuroImage</i> , 2011, 54, 42-48.	2.1	168
935	Differential effects of the APOE genotype on brain function across the lifespan. <i>NeuroImage</i> , 2011, 54, 602-610.	2.1	168
936	Quantitative in vivo evidence for broad regional gradients in the timing of white matter maturation during adolescence. <i>NeuroImage</i> , 2011, 54, 25-31.	2.1	77
937	High-resolution imaging of the fusiform face area (FFA) using multivariate non-linear classifiers shows diagnosticity for non-face categories. <i>NeuroImage</i> , 2011, 54, 1715-1734.	2.1	34
938	Network analysis detects changes in the contralesional hemisphere following stroke. <i>NeuroImage</i> , 2011, 54, 161-169.	2.1	204
939	Effects of physiological noise in population analysis of diffusion tensor MRI data. <i>NeuroImage</i> , 2011, 54, 1168-1177.	2.1	54
940	Medial prefrontal gray matter volume reductions in users of amphetamine-type stimulants revealed by combined tract-based spatial statistics and voxel-based morphometry. <i>NeuroImage</i> , 2011, 54, 794-801.	2.1	64

#	ARTICLE	IF	CITATIONS
941	Evidence of disrupted functional connectivity in the brain after combat-related blast injury. <i>NeuroImage</i> , 2011, 54, S21-S29.	2.1	138
942	Effect of scanner in asymmetry studies using diffusion tensor imaging. <i>NeuroImage</i> , 2011, 54, 1053-1062.	2.1	30
943	Challenges to attention: A continuous arterial spin labeling (ASL) study of the effects of distraction on sustained attention. <i>NeuroImage</i> , 2011, 54, 1518-1529.	2.1	94
944	Dimensionality estimation for optimal detection of functional networks in BOLD fMRI data. <i>NeuroImage</i> , 2011, 56, 531-543.	2.1	40
945	A comparison of MR based segmentation methods for measuring brain atrophy progression. <i>NeuroImage</i> , 2011, 54, 760-768.	2.1	50
946	Heuristics for connectivity-based brain parcellation of SMA/pre-SMA through force-directed graph layout. <i>NeuroImage</i> , 2011, 54, 2176-2184.	2.1	17
947	Imaging the deep cerebellar nuclei: A probabilistic atlas and normalization procedure. <i>NeuroImage</i> , 2011, 54, 1786-1794.	2.1	319
948	Abnormal brain activation during working memory in children with prenatal exposure to drugs of abuse: The effects of methamphetamine, alcohol, and polydrug exposure. <i>NeuroImage</i> , 2011, 54, 3067-3075.	2.1	64
949	Demyelination and degeneration in the injured human spinal cord detected with diffusion and magnetization transfer MRI. <i>NeuroImage</i> , 2011, 55, 1024-1033.	2.1	204
950	DTI measures in crossing-fibre areas: Increased diffusion anisotropy reveals early white matter alteration in MCI and mild Alzheimer's disease. <i>NeuroImage</i> , 2011, 55, 880-890.	2.1	468
951	The average pathlength map: A diffusion MRI tractography-derived index for studying brain pathology. <i>NeuroImage</i> , 2011, 55, 133-141.	2.1	59
952	SPHERE: SPHERical Harmonic Elastic REgistration of HARDI data. <i>NeuroImage</i> , 2011, 55, 545-556.	2.1	35
953	The dorsal medial frontal cortex is sensitive to time on task, not response conflict or error likelihood. <i>NeuroImage</i> , 2011, 57, 303-311.	2.1	235
954	Penalized least squares regression methods and applications to neuroimaging. <i>NeuroImage</i> , 2011, 55, 1519-1527.	2.1	123
955	Complex span tasks and hippocampal recruitment during working memory. <i>NeuroImage</i> , 2011, 55, 773-787.	2.1	80
956	Neuroanatomical Prerequisites for Language Functions in the Maturing Brain. <i>Cerebral Cortex</i> , 2011, 21, 459-466.	1.6	233
957	White matter damage and cognitive impairment after traumatic brain injury. <i>Brain</i> , 2011, 134, 449-463.	3.7	541
958	Gray and white matter alterations in spinocerebellar ataxia type 7: An in vivo DTI and VBM study. <i>NeuroImage</i> , 2011, 55, 1-7.	2.1	73

#	ARTICLE	IF	CITATIONS
959	Bevacizumab impairs oxidative energy metabolism and shows antitumoral effects in recurrent glioblastomas: a 31P/1H MRSI and quantitative magnetic resonance imaging study. <i>Neuro-Oncology</i> , 2011, 13, 1349-1363.	0.6	74
960	Fractionating the Default Mode Network: Distinct Contributions of the Ventral and Dorsal Posterior Cingulate Cortex to Cognitive Control. <i>Journal of Neuroscience</i> , 2011, 31, 3217-3224.	1.7	668
961	Simultaneous EEG/fMRI Analysis of the Resonance Phenomena in Steady-State Visual Evoked Responses. <i>Clinical EEG and Neuroscience</i> , 2011, 42, 98-106.	0.9	71
962	Change detection and classification in brain MR images using change vector analysis. , 2011, 2011, 7803-7.		4
963	A review of diffusion tensor magnetic resonance imaging computational methods and software tools. <i>Computers in Biology and Medicine</i> , 2011, 41, 1062-1072.	3.9	73
964	A computational framework to quantify tissue microstructural integrity using conventional MRI macrostructural volumetry. <i>Computers in Biology and Medicine</i> , 2011, 41, 1073-1081.	3.9	7
965	Enhancing response inhibition by incentive: Comparison of adolescents with and without substance use disorder. <i>Drug and Alcohol Dependence</i> , 2011, 115, 43-50.	1.6	35
966	Age and sex effects levels of choline compounds in the anterior cingulate cortex of adolescent methamphetamine users. <i>Drug and Alcohol Dependence</i> , 2011, 119, 207-215.	1.6	23
967	Quantitative diffusion tensor deterministic and probabilistic fiber tractography in relapsingâ€“remitting multiple sclerosis. <i>European Journal of Radiology</i> , 2011, 79, 101-107.	1.2	18
968	Regional differences in brain volume predict the acquisition of skill in a complex real-time strategy videogame. <i>Brain and Cognition</i> , 2011, 76, 407-414.	0.8	76
969	Statistical parametric network analysis of functional connectivity dynamics during a working memory task. <i>NeuroImage</i> , 2011, 55, 688-704.	2.1	97
970	Effects of Practice and Experience on the Arcuate Fasciculus: Comparing Singers, Instrumentalists, and Non-Musicians. <i>Frontiers in Psychology</i> , 2011, 2, 156.	1.1	220
971	Mind the Gap: A Psychometric Approach to the Reduction Problem. <i>Psychological Inquiry</i> , 2011, 22, 67-87.	0.4	54
972	Changes in resting connectivity during recovery from severe traumatic brain injury. <i>International Journal of Psychophysiology</i> , 2011, 82, 115-123.	0.5	112
973	Discrimination of AD and normal subjects from MRI: Anatomical versus statistical regions. <i>Neuroscience Letters</i> , 2011, 487, 113-117.	1.0	12
974	The anatomical characteristics of the stria terminalis in the human brain: A diffusion tensor tractography study. <i>Neuroscience Letters</i> , 2011, 500, 99-102.	1.0	21
975	The rubrospinal tract in the human brain: Diffusion tensor imaging study. <i>Neuroscience Letters</i> , 2011, 504, 45-48.	1.0	38
976	Identification of the anterior corticospinal tract in the human brain using diffusion tensor imaging. <i>Neuroscience Letters</i> , 2011, 505, 238-241.	1.0	12

#	ARTICLE	IF	CITATIONS
977	Disrupted thalamocortical connectivity in PSP: A resting-state fMRI, DTI, and VBM study. <i>Parkinsonism and Related Disorders</i> , 2011, 17, 599-605.	1.1	146
978	Age-related changes in the functional neuroanatomy of overt speech production. <i>Neurobiology of Aging</i> , 2011, 32, 1505-1513.	1.5	36
979	Effects of aging and calorie restriction on white matter in rhesus macaques. <i>Neurobiology of Aging</i> , 2011, 32, 2319.e1-2319.e11.	1.5	39
980	Dissociable Reward and Timing Signals in Human Midbrain and Ventral Striatum. <i>Neuron</i> , 2011, 72, 654-664.	3.8	70
981	A Hippocampal Marker of Recollection Memory Ability among Healthy Young Adults: Contributions of Posterior and Anterior Segments. <i>Neuron</i> , 2011, 72, 931-937.	3.8	255
982	White matter asymmetry in healthy individuals: a diffusion tensor imaging study using tract-based spatial statistics. <i>Neuroscience</i> , 2011, 193, 291-299.	1.1	62
983	Magnetic Resonance Imaging and Graph Theoretical Analysis of Complex Brain Networks in Neuropsychiatric Disorders. <i>Brain Connectivity</i> , 2011, 1, 349-365.	0.8	88
984	Executive Dysfunction in Mild Cognitive Impairment is Associated with Changes in Frontal and Cingulate White Matter Tracts. <i>Journal of Alzheimer's Disease</i> , 2011, 27, 453-462.	1.2	58
985	A Multi-Center Randomized Proof-of-Concept Clinical Trial Applying [¹⁸ F]FDG-PET for Evaluation of Metabolic Therapy with Rosiglitazone XR in Mild to Moderate Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2011, 22, 1241-1256.	1.2	86
986	Tocotrienol Vitamin E Protects against Preclinical Canine Ischemic Stroke by Inducing Arteriogenesis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011, 31, 2218-2230.	2.4	45
987	Recovery of the corticospinal tract after injury by transtentorial herniation: A case report. <i>NeuroRehabilitation</i> , 2011, 29, 243-246.	0.5	5
988	Guidelines for Developing Automated Quality Control Procedures for Brain Magnetic Resonance Images Acquired in Multi-Centre Clinical Trials. , 0, , .		2
990	Measurement of CNS atrophy. , 0, , 128-149.		2
991	Functional imaging in multiple sclerosis. , 2011, , 175-185.		3
992	Cognitive and neuroimaging profile of a Brazilian family with CADASIL. <i>Arquivos De Neuro-Psiquiatria</i> , 2011, 69, 436-440.	0.3	7
993	Technical Note: DTI measurements of fractional anisotropy and mean diffusivity at 1.5 T: Comparison of two radiofrequency head coils with different functional designs and sensitivities. <i>Medical Physics</i> , 2011, 38, 3205-3211.	1.6	26
994	Neural activation and radial diffusivity in schizophrenia: combined fMRI and diffusion tensor imaging study. <i>British Journal of Psychiatry</i> , 2011, 198, 223-229.	1.7	32
995	The timing of associative memory formation: frontal lobe and anterior medial temporal lobe activity at associative binding predicts memory. <i>Journal of Neurophysiology</i> , 2011, 105, 1454-1463.	0.9	16

#	ARTICLE	IF	CITATIONS
996	Functional Connectivity of Brain Structures Correlates with Treatment Outcome in Major Depressive Disorder. <i>Frontiers in Psychiatry</i> , 2011, 2, 7.	1.3	53
997	Lower Digit Symbol Substitution Score in the Oldest Old is Related to Magnetization Transfer and Diffusion Tensor Imaging of the White Matter. <i>Frontiers in Aging Neuroscience</i> , 2011, 3, 11.	1.7	34
998	Pivotal Role of Anterior Cingulate Cortex in Working Memory after Traumatic Brain Injury in Youth. <i>Frontiers in Neurology</i> , 2011, 1, 158.	1.1	19
999	Fluid Intelligence Allows Flexible Recruitment of the Parieto-Frontal Network in Analogical Reasoning. <i>Frontiers in Human Neuroscience</i> , 2011, 5, 22.	1.0	60
1000	Statistical Analysis of fMRI Time-Series: A Critical Review of the GLM Approach. <i>Frontiers in Human Neuroscience</i> , 2011, 5, 28.	1.0	248
1001	Nucleus Accumbens Mediates Relative Motivation for Rewards in the Absence of Choice. <i>Frontiers in Human Neuroscience</i> , 2011, 5, 87.	1.0	55
1002	Search-Related Suppression of Hippocampus and Default Network Activity during Associative Memory Retrieval. <i>Frontiers in Human Neuroscience</i> , 2011, 5, 112.	1.0	17
1003	Human Cortical Activity Evoked by the Assignment of Authenticity when Viewing Works of Art. <i>Frontiers in Human Neuroscience</i> , 2011, 5, 134.	1.0	64
1004	Automated real-time behavioral and physiological data acquisition and display integrated with stimulus presentation for fMRI. <i>Frontiers in Neuroinformatics</i> , 2011, 5, 27.	1.3	12
1005	Genetic Analysis of Cortical Thickness and Fractional Anisotropy of Water Diffusion in the Brain. <i>Frontiers in Neuroscience</i> , 2011, 5, 120.	1.4	52
1006	Executive Functions and Prefrontal Cortex: A Matter of Persistence?. <i>Frontiers in Systems Neuroscience</i> , 2011, 5, 3.	1.2	36
1007	Contrast Response Functions for Single Gabor Patches: ROI-Based Analysis Over-Represents Low-Contrast Patches for GE BOLD. <i>Frontiers in Systems Neuroscience</i> , 2011, 5, 19.	1.2	14
1008	Brain Morphological Signatures for Chronic Pain. <i>PLoS ONE</i> , 2011, 6, e26010.	1.1	306
1009	Predicting Individuals' Learning Success from Patterns of Pre-Learning MRI Activity. <i>PLoS ONE</i> , 2011, 6, e16093.	1.1	40
1010	Beyond Patient Reported Pain: Perfusion Magnetic Resonance Imaging Demonstrates Reproducible Cerebral Representation of Ongoing Post-Surgical Pain. <i>PLoS ONE</i> , 2011, 6, e17096.	1.1	57
1011	Metabolic Changes in the Visual Cortex Are Linked to Retinal Nerve Fiber Layer Thinning in Multiple Sclerosis. <i>PLoS ONE</i> , 2011, 6, e18019.	1.1	76
1012	Association of Retinal and Macular Damage with Brain Atrophy in Multiple Sclerosis. <i>PLoS ONE</i> , 2011, 6, e18132.	1.1	127
1013	Activation of the Parieto-Premotor Network Is Associated with Vivid Motor Imagery—A Parametric fMRI Study. <i>PLoS ONE</i> , 2011, 6, e20368.	1.1	91

#	ARTICLE	IF	CITATIONS
1014	Multiple Indices of Diffusion Identifies White Matter Damage in Mild Cognitive Impairment and Alzheimer's Disease. PLoS ONE, 2011, 6, e21745.	1.1	108
1015	Discriminating Grotesque from Typical Faces: Evidence from the Thatcher Illusion. PLoS ONE, 2011, 6, e23340.	1.1	10
1016	The NIRS Analysis Package: Noise Reduction and Statistical Inference. PLoS ONE, 2011, 6, e24322.	1.1	104
1017	Can Depression be Diagnosed by Response to Mother's Face? A Personalized Attachment-Based Paradigm for Diagnostic fMRI. PLoS ONE, 2011, 6, e27253.	1.1	18
1018	An Investigation of the Relationship Between Cortical Connectivity and Schizotypy in the General Population. Journal of Nervous and Mental Disease, 2011, 199, 348-353.	0.5	28
1019	Pedunculopontine Nucleus Stimulation Improves Gait Freezing in Parkinson Disease. Neurosurgery, 2011, 69, 1248-1254.	0.6	150
1020	Sampling-based ensemble segmentation against inter-operator variability. Proceedings of SPIE, 2011, , .	0.8	2
1021	Neuroimaging Correlates of Traumatic Brain Injury and Suicidal Behavior. Journal of Head Trauma Rehabilitation, 2011, 26, 276-289.	1.0	86
1022	A study of cerebral glucose metabolism and hemodynamic response in schizophrenia. , 2011, , .		2
1023	Physical Activity Associated with Increased Resting-State Functional Connectivity in Multiple Sclerosis. Journal of the International Neuropsychological Society, 2011, 17, 986-997.	1.2	46
1024	Cardiorespiratory fitness, hippocampal volume, and frequency of forgetting in older adults.. Neuropsychology, 2011, 25, 545-553.	1.0	93
1025	Deficits in Functional Connectivity of Hippocampal and Frontal Lobe Circuits After Traumatic Axonal Injury. Archives of Neurology, 2011, 68, 74-84.	4.9	98
1026	Multiple testing via FDRL for large-scale imaging data. Annals of Statistics, 2011, 39, .	1.4	25
1027	neuRosim : An R Package for Generating fMRI Data. Journal of Statistical Software, 2011, 44, .	1.8	68
1028	Investigating the Role of the Ventromedial Prefrontal Cortex in the Assessment of Brands. Frontiers in Neuroscience, 2011, 5, 77.	1.4	29
1029	The clinical application of the arcuate fasciculus for stroke patients with aphasia: A diffusion tensor tractography study. NeuroRehabilitation, 2011, 29, 305-310.	0.5	42
1030	Neural correlates of cognitive impairment in schizophrenia. British Journal of Psychiatry, 2011, 199, 202-210.	1.7	40
1031	Pipeline for spatial distortion correction in MRI. , 2011, , .		0

#	ARTICLE	IF	CITATIONS
1032	Excellent recovery of aphasia in a patient with complete injury of the arcuate fasciculus in the dominant hemisphere. <i>NeuroRehabilitation</i> , 2011, 29, 401-404.	0.5	18
1033	Shape Abnormalities of the Striatum in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2011, 23, 49-59.	1.2	39
1034	Neural correlates of craving and resisting craving for tobacco in nicotine dependent smokers. <i>Addiction Biology</i> , 2011, 16, 654-666.	1.4	111
1035	Structural brain and neuropsychometric changes associated with pediatric bipolar disorder with psychosis. <i>Bipolar Disorders</i> , 2011, 13, 16-27.	1.1	66
1036	White matter microstructure in untreated first episode bipolar disorder with psychosis: comparison with schizophrenia. <i>Bipolar Disorders</i> , 2011, 13, 604-613.	1.1	93
1037	Object recognition in Williams syndrome: uneven ventral stream activation. <i>Developmental Science</i> , 2011, 14, 549-565.	1.3	28
1038	Developmental differences in prefrontal activation during working memory maintenance and manipulation for different memory loads. <i>Developmental Science</i> , 2011, 14, 713-724.	1.3	54
1039	Inter-Hemispheric Functional Connectivity Disruption in Children With Prenatal Alcohol Exposure. <i>Alcoholism: Clinical and Experimental Research</i> , 2011, 35, 849-861.	1.4	53
1040	Alcohol Effects on Cerebral Blood Flow in Subjects With Low and High Responses to Alcohol. <i>Alcoholism: Clinical and Experimental Research</i> , 2011, 35, 1034-1040.	1.4	56
1041	Neural and Behavioral Mechanisms of Impulsive Choice in Alcohol Use Disorder. <i>Alcoholism: Clinical and Experimental Research</i> , 2011, 35, 1209-1219.	1.4	109
1042	Tract-specific analyses of diffusion tensor imaging show widespread white matter compromise in autism spectrum disorder. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2011, 52, 286-295.	3.1	201
1043	Obesity Is Associated With Reduced White Matter Integrity in Otherwise Healthy Adults*. <i>Obesity</i> , 2011, 19, 500-504.	1.5	204
1044	The Effect of Basal Vasodilation on Hypercapnic and Hypocapnic Reactivity Measured using Magnetic Resonance Imaging. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011, 31, 426-438.	2.4	43
1045	Imaging vulnerability for depression. <i>Molecular Psychiatry</i> , 2011, 16, 1067-1068.	4.1	12
1046	Diffusion tensor imaging the medial longitudinal fasciculus in INO: opportunities and challenges. <i>Annals of the New York Academy of Sciences</i> , 2011, 1233, 307-312.	1.8	18
1047	Pulsed arterial spin labeling perfusion imaging at 3 T: estimating the number of subjects required in common designs of clinical trials. <i>Magnetic Resonance Imaging</i> , 2011, 29, 1382-1389.	1.0	30
1048	A joint shape evolution approach to medical image segmentation using expectationâ€“maximization algorithm. <i>Magnetic Resonance Imaging</i> , 2011, 29, 1255-1266.	1.0	2
1049	Comparison between end-tidal CO2 and respiration volume per time for detecting BOLD signal fluctuations during paced hyperventilation. <i>Magnetic Resonance Imaging</i> , 2011, 29, 1186-1194.	1.0	12

#	ARTICLE	IF	CITATIONS
1050	Semiautomated segmentation of the human spine based on echoplanar images. <i>Magnetic Resonance Imaging</i> , 2011, 29, 1429-1436.	1.0	8
1051	Connectivity-based segmentation of the striatum in Huntington's disease: Vulnerability of motor pathways. <i>Neurobiology of Disease</i> , 2011, 42, 475-481.	2.1	84
1052	The influence of sentence novelty and figurativeness on brain activity. <i>Neuropsychologia</i> , 2011, 49, 320-330.	0.7	68
1053	Selective responses in right inferior frontal and supramarginal gyri differentiate between observed movements of oneself vs. another. <i>Neuropsychologia</i> , 2011, 49, 1202-1207.	0.7	34
1054	Microstructural abnormalities of short-distance white matter tracts in autism spectrum disorder. <i>Neuropsychologia</i> , 2011, 49, 1378-1382.	0.7	117
1055	Neural correlates of the processing of self-referent emotional information in bulimia nervosa. <i>Neuropsychologia</i> , 2011, 49, 3272-3278.	0.7	19
1056	Attentional capture by emotional stimuli is preserved in patients with amygdala lesions. <i>Neuropsychologia</i> , 2011, 49, 3314-3319.	0.7	51
1057	Neural correlates of an illusory touch experience investigated with fMRI. <i>Neuropsychologia</i> , 2011, 49, 3430-3438.	0.7	8
1058	Regional differences in cerebral asymmetries of human cortical white matter. <i>Neuropsychologia</i> , 2011, 49, 3599-3604.	0.7	13
1059	The brain dynamics of intellectual development: Waxing and waning white and gray matter. <i>Neuropsychologia</i> , 2011, 49, 3605-3611.	0.7	48
1060	Morphometry and connectivity of the fronto-parietal verbal working memory network in development. <i>Neuropsychologia</i> , 2011, 49, 3854-3862.	0.7	107
1061	Impact of Prenatal Exposure to Cocaine and Tobacco on Diffusion Tensor Imaging and Sensation Seeking in Adolescents. <i>Journal of Pediatrics</i> , 2011, 159, 771-775.	0.9	29
1062	White matter microstructure in female to male transsexuals before cross-sex hormonal treatment. A diffusion tensor imaging study. <i>Journal of Psychiatric Research</i> , 2011, 45, 199-204.	1.5	237
1063	Reduced hippocampal and amygdala activity predicts memory distortions for trauma reminders in combat-related PTSD. <i>Journal of Psychiatric Research</i> , 2011, 45, 660-669.	1.5	162
1064	The microstructure of white matter in male to female transsexuals before cross-sex hormonal treatment. A DTI study. <i>Journal of Psychiatric Research</i> , 2011, 45, 949-954.	1.5	124
1065	The influence of emotional distraction on verbal working memory: An fMRI investigation comparing individuals with schizophrenia and healthy adults. <i>Journal of Psychiatric Research</i> , 2011, 45, 1184-1193.	1.5	31
1066	White matter alterations in social anxiety disorder. <i>Journal of Psychiatric Research</i> , 2011, 45, 1366-1372.	1.5	74
1067	Dysmenorrhoea is associated with central changes in otherwise healthy women. <i>Pain</i> , 2011, 152, 1966-1975.	2.0	148

#	ARTICLE	IF	CITATIONS
1068	Brain dysfunctions during facial discrimination in schizophrenia: Selective association to affect decoding. <i>Psychiatry Research - Neuroimaging</i> , 2011, 191, 44-50.	0.9	16
1069	A method to enhance the sensitivity of DTI analyses to group differences: A validation study with comparison to voxelwise analyses. <i>Psychiatry Research - Neuroimaging</i> , 2011, 193, 191-198.	0.9	0
1070	Major depressive disorder is characterized by greater reward network activation to monetary than pleasant image rewards. <i>Psychiatry Research - Neuroimaging</i> , 2011, 194, 263-270.	0.9	80
1071	Extensive abnormality of brain white matter integrity in pathological gambling. <i>Psychiatry Research - Neuroimaging</i> , 2011, 194, 340-346.	0.9	111
1072	Hybrid Genetic and Variational Expectation-Maximization Algorithm for Gaussian-Mixture-Model-Based Brain MR Image Segmentation. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2011, 15, 373-380.	3.6	71
1073	A Supervised Framework for the Registration and Segmentation of White Matter Fiber Tracts. <i>IEEE Transactions on Medical Imaging</i> , 2011, 30, 131-145.	5.4	27
1074	A Data-Driven Sparse GLM for fMRI Analysis Using Sparse Dictionary Learning With MDL Criterion. <i>IEEE Transactions on Medical Imaging</i> , 2011, 30, 1076-1089.	5.4	149
1075	Component Analysis Approach to Estimation of Tissue Intensity Distributions of 3D Images. <i>IEEE Transactions on Medical Imaging</i> , 2011, 30, 838-848.	5.4	6
1076	PopTract: Population-Based Tractography. <i>IEEE Transactions on Medical Imaging</i> , 2011, 30, 1829-1840.	5.4	20
1077	Discriminant analysis of intermediate brain atrophy rates in longitudinal diagnosis of alzheimer's disease. <i>Diagnostic Pathology</i> , 2011, 6, 105.	0.9	6
1078	The BrainMap strategy for standardization, sharing, and meta-analysis of neuroimaging data. <i>BMC Research Notes</i> , 2011, 4, 349.	0.6	214
1079	Frontolimbic responses to emotional faces in young people at familial risk of depression. <i>Journal of Affective Disorders</i> , 2011, 130, 127-132.	2.0	56
1080	White matter changes in late-life depression: A diffusion tensor imaging study. <i>Journal of Affective Disorders</i> , 2011, 135, 216-220.	2.0	43
1081	A Bayesian multilevel model for fMRI data analysis. <i>Computer Methods and Programs in Biomedicine</i> , 2011, 102, 238-252.	2.6	17
1082	The Role of GABA in Human Motor Learning. <i>Current Biology</i> , 2011, 21, 480-484.	1.8	496
1083	Differential Prefrontal White Matter Development in Chimpanzees and Humans. <i>Current Biology</i> , 2011, 21, 1397-1402.	1.8	83
1084	Morphometry and diffusion MR imaging years after childhood traumatic brain injury. <i>European Journal of Paediatric Neurology</i> , 2011, 15, 493-501.	0.7	15
1085	Diffusion tensor imaging tractography of the optic radiation for epilepsy surgical planning: A comparison of two methods. <i>Epilepsy Research</i> , 2011, 97, 124-132.	0.8	38

#	ARTICLE	IF	CITATIONS
1086	Surface-based analysis methods for high-resolution functional magnetic resonance imaging. <i>Graphical Models</i> , 2011, 73, 313-322.	1.1	27
1087	Neuroanatomical changes due to hearing loss and chronic tinnitus: A combined VBM and DTI study. <i>Brain Research</i> , 2011, 1369, 74-88.	1.1	250
1088	Altered white matter integrity in first-episode, treatment-naive young adults with major depressive disorder: A tract-based spatial statistics study. <i>Brain Research</i> , 2011, 1369, 223-229.	1.1	146
1089	Sex differences in adolescent white matter architecture. <i>Brain Research</i> , 2011, 1375, 41-48.	1.1	139
1090	Infrequent, task-irrelevant monetary gains and losses engage dorsolateral and ventrolateral prefrontal cortex. <i>Brain Research</i> , 2011, 1395, 53-61.	1.1	17
1091	Involvement of the anterior thalamic radiation in boys with high functioning autism spectrum disorders: A Diffusion Tensor Imaging study. <i>Brain Research</i> , 2011, 1417, 77-86.	1.1	136
1092	Anatomically based targeting of prefrontal cortex for rTMS. <i>Brain Stimulation</i> , 2011, 4, 300-302.	0.7	6
1093	The Rotterdam Scan Study: design and update up to 2012. <i>European Journal of Epidemiology</i> , 2011, 26, 811-824.	2.5	115
1094	Functional Evaluation of Hidden Figures Object Analysis in Children with Autistic Disorder. <i>Journal of Autism and Developmental Disorders</i> , 2011, 41, 13-22.	1.7	19
1095	Early atrophy of pallidum and accumbens nucleus in Huntington's disease. <i>Journal of Neurology</i> , 2011, 258, 412-420.	1.8	121
1096	White matter involvement in idiopathic normal pressure hydrocephalus: a voxel-based diffusion tensor imaging study. <i>Journal of Neurology</i> , 2011, 258, 1949-1957.	1.8	78
1097	Altered functional organization of the motor system related to ankle movements in Parkinson's disease: insights from functional MRI. <i>Journal of Neural Transmission</i> , 2011, 118, 783-793.	1.4	16
1098	Quantitative brain MR imaging in amyotrophic lateral sclerosis. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2011, 24, 67-76.	1.1	10
1099	In vivo MRS of locally advanced breast cancer: characteristics related to negative or positive choline detection and early monitoring of treatment response. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2011, 24, 347-357.	1.1	27
1100	Minimum Spanning Tree Reflects the Alterations of the Default Mode Network During Alzheimer's Disease. <i>Annals of Biomedical Engineering</i> , 2011, 39, 1493-1504.	1.3	65
1101	Diffusion tensor imaging shows white matter tracts between human auditory and visual cortex. <i>Experimental Brain Research</i> , 2011, 213, 299-308.	0.7	120
1102	Attention does more than modulate suppressive interactions: attending to multiple items. <i>Experimental Brain Research</i> , 2011, 212, 293-304.	0.7	12
1103	MTR variations in normal adult brain structures using balanced steady-state free precession. <i>Neuroradiology</i> , 2011, 53, 159-167.	1.1	8

#	ARTICLE	IF	CITATIONS
1104	Microstructural brain injury in post-concussion syndrome after minor head injury. <i>Neuroradiology</i> , 2011, 53, 553-563.	1.1	125
1105	Axial diffusivity is increased in the degenerating superior cerebellar peduncles of Friedreich's ataxia. <i>Neuroradiology</i> , 2011, 53, 367-372.	1.1	96
1106	Cortical thickness, gray matter volume, and white matter anisotropy and diffusivity in schizophrenia. <i>Neuroradiology</i> , 2011, 53, 859-866.	1.1	16
1107	Mammillothalamic tract in the human brain: diffusion tensor tractography study. <i>Neuroradiology</i> , 2011, 53, 623-626.	1.1	10
1108	Dentatorubrothalamic tract in human brain: diffusion tensor tractography study. <i>Neuroradiology</i> , 2011, 53, 787-791.	1.1	100
1109	Balanced steady-state free precession with parallel imaging gives distortion-free fMRI with high temporal resolution. <i>Magnetic Resonance Imaging</i> , 2011, 29, 1-8.	1.0	10
1110	PDE-based spatial smoothing: a practical demonstration of impacts on MRI brain extraction, tissue segmentation and registration. <i>Magnetic Resonance Imaging</i> , 2011, 29, 731-738.	1.0	35
1111	fMRI of syntactic processing in typically developing children: Structural correlates in the inferior frontal gyrus. <i>Developmental Cognitive Neuroscience</i> , 2011, 1, 313-323.	1.9	75
1112	Clinical contributors to cerebral white matter integrity in HIV-infected individuals. <i>Journal of NeuroVirology</i> , 2011, 17, 477-486.	1.0	67
1113	BrainKnowledge: A Human Brain Function Mapping Knowledge-Base System. <i>Neuroinformatics</i> , 2011, 9, 21-38.	1.5	1
1114	Superior Cerebellar Peduncle Atrophy in Friedreich's Ataxia Correlates with Disease Symptoms. <i>Cerebellum</i> , 2011, 10, 81-87.	1.4	69
1115	Intraobserver and interobserver variability in the calculation of apparent diffusion coefficient (ADC) from diffusion-weighted magnetic resonance imaging (DW-MRI) of breast tumours. <i>Radiologia Medica</i> , 2011, 116, 466-476.	4.7	20
1116	Cognitively preserved MS patients demonstrate functional differences in processing neutral and emotional faces. <i>Brain Imaging and Behavior</i> , 2011, 5, 241-251.	1.1	64
1117	Coffee consumption may influence hippocampal volume in young women. <i>Brain Imaging and Behavior</i> , 2011, 5, 274-284.	1.1	15
1118	Characteristics of the aberrant pyramidal tract in comparison with the pyramidal tract in the human brain. <i>BMC Neuroscience</i> , 2011, 12, 108.	0.8	9
1119	Lin4Neuro: a customized Linux distribution ready for neuroimaging analysis. <i>BMC Medical Imaging</i> , 2011, 11, 3.	1.4	25
1120	Serotonin transporter gene polymorphisms and brain function during emotional distraction from cognitive processing in posttraumatic stress disorder. <i>BMC Psychiatry</i> , 2011, 11, 76.	1.1	53
1121	Virtual reality exposure therapy as treatment for pain catastrophizing in fibromyalgia patients: proof-of-concept study (Study Protocol). <i>BMC Musculoskeletal Disorders</i> , 2011, 12, 85.	0.8	19

#	ARTICLE	IF	CITATIONS
1122	Functional neural correlates of reduced physiological falls risk. Behavioral and Brain Functions, 2011, 7, 37.	1.4	19
1123	Positron emission tomography imaging of dopamine D2/3 receptors in the human cortex with [¹¹ C]FLB 457: Reproducibility studies. Synapse, 2011, 65, 35-40.	0.6	41
1124	Evaluation of dopamine D _{2/3} -specific binding in the cerebellum for the positron emission tomography radiotracer [¹¹ C]FLB 457: Implications for measuring cortical dopamine release. Synapse, 2011, 65, 991-997.	0.6	35
1125	Hepatic encephalopathy is associated with posttransplant cognitive function and brain volume. Liver Transplantation, 2011, 17, 38-46.	1.3	129
1126	Evaluation of hippocampal volume based on MR imaging in patients with bipolar affective disorder applying manual and automatic segmentation techniques. Journal of Magnetic Resonance Imaging, 2011, 33, 565-572.	1.9	55
1127	Quality assessment of high angular resolution diffusion imaging data using bootstrap on Q _{ball} reconstruction. Journal of Magnetic Resonance Imaging, 2011, 33, 1194-1208.	1.9	29
1128	MRI assessment of iron deposition in multiple sclerosis. Journal of Magnetic Resonance Imaging, 2011, 34, 13-21.	1.9	84
1129	Developing optimized fMRI protocol for clinical use: Comparison of different language paradigms. Journal of Magnetic Resonance Imaging, 2011, 34, 413-419.	1.9	25
1130	Effect of scanner in longitudinal studies of brain volume changes. Journal of Magnetic Resonance Imaging, 2011, 34, 438-444.	1.9	94
1131	Monitoring neoadjuvant chemotherapy in breast cancer patients: Improved MR assessment at 3 T?. Journal of Magnetic Resonance Imaging, 2011, 34, 547-556.	1.9	15
1132	Diffusion-weighted and dynamic contrast-enhanced MRI in evaluation of early treatment effects during neoadjuvant chemotherapy in breast cancer patients. Journal of Magnetic Resonance Imaging, 2011, 34, 1099-1109.	1.9	60
1133	Long-term clinical outcome in meige syndrome treated with internal pallidum deep brain stimulation. Movement Disorders, 2011, 26, 691-698.	2.2	120
1134	Combined R2* and Diffusion Tensor Imaging Changes in the Substantia Nigra in Parkinson's Disease. Movement Disorders, 2011, 26, 1627-1632.	2.2	163
1135	Automated structural imaging analysis detects premanifest Huntington's disease neurodegeneration within 1 year. Movement Disorders, 2011, 26, 1481-1488.	2.2	22
1136	Intrascanner and interscanner variability of magnetization transfer-sensitized balanced steady-state free precession imaging. Magnetic Resonance in Medicine, 2011, 65, 1112-1117.	1.9	10
1137	A simple approach for three-dimensional mapping of baseline cerebrospinal fluid volume fraction. Magnetic Resonance in Medicine, 2011, 65, 385-391.	1.9	29
1138	Three-dimensional MR-encephalography: Fast volumetric brain imaging using rosette trajectories. Magnetic Resonance in Medicine, 2011, 65, 1260-1268.	1.9	59
1139	MRI of blood flow of the human retina. Magnetic Resonance in Medicine, 2011, 65, 1768-1775.	1.9	41

#	ARTICLE	IF	CITATIONS
1140	Preterm neonatal diffusion processing using detection and replacement of outliers prior to resampling. <i>Magnetic Resonance in Medicine</i> , 2011, 66, 92-101.	1.9	41
1141	On the relationship between seed-based and ICA-based measures of functional connectivity. <i>Magnetic Resonance in Medicine</i> , 2011, 66, 644-657.	1.9	172
1142	Simultaneous dynamic and functional MRI scanning (SimulScan) of natural swallows. <i>Magnetic Resonance in Medicine</i> , 2011, 65, 1247-1252.	1.9	14
1143	Characterization of paramagnetic effects of molecular oxygen on blood oxygenation level-dependent modulated hyperoxic contrast studies of the human brain. <i>Magnetic Resonance in Medicine</i> , 2011, 66, 794-801.	1.9	21
1144	Atlas-based automated positioning of outer volume suppression slices in short-echo time 3D MR spectroscopic imaging of the human brain. <i>Magnetic Resonance in Medicine</i> , 2011, 66, 911-922.	1.9	12
1145	Effect of dopamine transporter genotype on caudate volume in childhood ADHD and controls. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2011, 156, 28-35.	1.1	28
1146	Histopathological correlates of magnetic resonance imaging-defined chronic perinatal white matter injury. <i>Annals of Neurology</i> , 2011, 70, 493-507.	2.8	117
1147	Longitudinal analysis of cognitive performances and structural brain changes in late-life bipolar disorder. <i>International Journal of Geriatric Psychiatry</i> , 2011, 26, 1309-1318.	1.3	86
1148	Enhanced white matter tracts integrity in children with abacus training. <i>Human Brain Mapping</i> , 2011, 32, 10-21.	1.9	115
1149	Independent component analysis (ICA) of generalized spike wave discharges in fMRI: Comparison with general linear model-based EEG-fMRI. <i>Human Brain Mapping</i> , 2011, 32, 209-217.	1.9	50
1150	Structural integrity of callosal midbody influences intermanual transfer in a motor reaction-time task. <i>Human Brain Mapping</i> , 2011, 32, 218-228.	1.9	49
1151	Education mediates microstructural changes in bilateral hippocampus. <i>Human Brain Mapping</i> , 2011, 32, 282-289.	1.9	104
1152	Structural and functional bases for individual differences in motor learning. <i>Human Brain Mapping</i> , 2011, 32, 494-508.	1.9	136
1153	Single subject task-related BOLD signal artifact in a real-time fMRI feedback paradigm. <i>Human Brain Mapping</i> , 2011, 32, 592-600.	1.9	11
1154	A mutual information-based metric for evaluation of fMRI data processing approaches. <i>Human Brain Mapping</i> , 2011, 32, 699-715.	1.9	22
1155	Reduced somatosensory activations in swallowing with age. <i>Human Brain Mapping</i> , 2011, 32, 730-743.	1.9	48
1156	Diffusion tensor imaging of white matter involvement in essential tremor. <i>Human Brain Mapping</i> , 2011, 32, 896-904.	1.9	109
1157	Diffusion tensor imaging and white matter lesions at the subacute stage in mild traumatic brain injury with persistent neurobehavioral impairment. <i>Human Brain Mapping</i> , 2011, 32, 999-1011.	1.9	189

#	ARTICLE	IF	CITATIONS
1158	Modeling of the human skull in EEG source analysis. <i>Human Brain Mapping</i> , 2011, 32, 1383-1399.	1.9	211
1159	Lateralization of the arcuate fasciculus and its differential correlation with reading ability between young learners and experienced readers: A diffusion tensor tractography study in a chinese cohort. <i>Human Brain Mapping</i> , 2011, 32, 2054-2063.	1.9	29
1160	Loss of white matter integrity in major depressive disorder: Evidence using tract-based spatial statistical analysis of diffusion tensor imaging. <i>Human Brain Mapping</i> , 2011, 32, 2161-2171.	1.9	180
1161	On the problem of gradient calibration in diffusion weighted imaging. <i>International Journal of Imaging Systems and Technology</i> , 2011, 21, 271-279.	2.7	11
1162	Diffusion tensor imaging analysis with tract-based spatial statistics of the white matter abnormalities after epilepsy surgery. <i>Epilepsy Research</i> , 2011, 94, 189-197.	0.8	20
1163	The impact of Alzheimer's disease on the functional connectivity between brain regions underlying pain perception. <i>European Journal of Pain</i> , 2011, 15, 568.e1-11.	1.4	50
1164	Statistical analysis of fiber bundles using multi-tensor tractography: application to first-episode schizophrenia. <i>Magnetic Resonance Imaging</i> , 2011, 29, 507-515.	1.0	33
1165	In vivo magnetic resonance spectroscopy measurement of gray-matter and white-matter gamma-aminobutyric acid concentration in sensorimotor cortex using a motion-controlled MEGA point-resolved spectroscopy sequence. <i>Magnetic Resonance Imaging</i> , 2011, 29, 374-379.	1.0	38
1166	Diffusion-weighted imaging of the brain at 7 T with echo-planar and turbo spin echo sequences: preliminary results. <i>Magnetic Resonance Imaging</i> , 2011, 29, 752-765.	1.0	10
1167	The impact of physiologic noise correction applied to functional MRI of pain at 1.5 and 3.0 T. <i>Magnetic Resonance Imaging</i> , 2011, 29, 819-826.	1.0	7
1168	Finite difference neuroelectric modeling software. <i>Journal of Neuroscience Methods</i> , 2011, 198, 359-363.	1.3	5
1169	Anatomical standardization of small animal brain FDG-PET images using synthetic functional template: Experimental comparison with anatomical template. <i>Journal of Neuroscience Methods</i> , 2011, 199, 166-172.	1.3	9
1170	Measuring Myelin Repair and Axonal Loss with Diffusion Tensor Imaging. <i>American Journal of Neuroradiology</i> , 2011, 32, 85-91.	1.2	127
1171	Structural Neural Phenotype of Autism: Preliminary Evidence from a Diffusion Tensor Imaging Study Using Tract-Based Spatial Statistics. <i>American Journal of Neuroradiology</i> , 2011, 32, 1607-1613.	1.2	107
1172	Anatomic Location and Somatotopic Arrangement of the Corticospinal Tract at the Cerebral Peduncle in the Human Brain. <i>American Journal of Neuroradiology</i> , 2011, 32, 2116-2119.	1.2	32
1173	Gender Differences in Language and Motor-Related Fibers in a Population of Healthy Preterm Neonates at Term-Equivalent Age: A Diffusion Tensor and Probabilistic Tractography Study. <i>American Journal of Neuroradiology</i> , 2011, 32, 2011-2016.	1.2	34
1174	Brain Structure in Young and Old East Asians and Westerners: Comparisons of Structural Volume and Cortical Thickness. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 1065-1079.	1.1	136
1175	Determinants of brain iron in multiple sclerosis. <i>Neurology</i> , 2011, 77, 1691-1697.	1.5	112

#	ARTICLE	IF	CITATIONS
1176	A block to pre-prepared movement in gait freezing, relieved by pedunculopontine nucleus stimulation. Brain, 2011, 134, 2085-2095.	3.7	65
1177	Diffusion Tensor Imaging in Preterm Infants With Punctate White Matter Lesions. Pediatric Research, 2011, 69, 561-566.	1.1	80
1178	The Influence of Context on Hemispheric Recruitment during Metaphor Processing. Journal of Cognitive Neuroscience, 2011, 23, 3586-3597.	1.1	46
1179	Pre-SMA Gray-matter Density Predicts Individual Differences in Action Selection in the Face of Conscious and Unconscious Response Conflict. Journal of Cognitive Neuroscience, 2011, 23, 382-390.	1.1	84
1180	Focal White Matter Abnormalities Related to Neurocognitive Dysfunction: An Objective Diffusion Tensor Imaging Study of Children With Sturge-Weber Syndrome. Pediatric Research, 2011, 69, 74-79.	1.1	17
1181	Volume Changes of Corpus Striatum, Thalamus, Hippocampus and Lateral Ventricles in Posttraumatic Stress Disorder (PTSD) Patients Suffering from Headaches and without Therapy. Central European Neurosurgery, 2011, 72, 133-137.	0.7	32
1182	Integration of structural and functional magnetic resonance imaging in amyotrophic lateral sclerosis. Brain, 2011, 134, 3470-3479.	3.7	229
1183	A deformable surface model based automatic rat brain extraction method. , 2011, , .		2
1184	Predicting efficacy of robot-aided rehabilitation in chronic stroke patients using an MRI-compatible robotic device. , 2011, 2011, 7470-3.		16
1185	A repository of MR morphometry data in Alzheimer's disease and mild cognitive impairment. , 2011, , .		0
1186	Exercise training increases size of hippocampus and improves memory. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 3017-3022.	3.3	3,427
1187	Automated segmentation of cortical necrosis using a wavelet based abnormality detection system. , 2011, 2011, 1391-1395.		1
1188	Independent Component Analysis Involving Autocorrelated Sources With an Application to Functional Magnetic Resonance Imaging. Journal of the American Statistical Association, 2011, 106, 1009-1024.	1.8	24
1189	Cognitive and neural contributors to emotion regulation in aging. Social Cognitive and Affective Neuroscience, 2011, 6, 165-176.	1.5	178
1190	Optic radiation injury following traumatic epidural hematoma: Diffusion tensor imaging study. NeuroRehabilitation, 2011, 28, 383-387.	0.5	10
1191	Exploiting hierarchy in structural brain networks. , 2011, , .		0
1192	Atlas Learning in Fetal Brain Development. Topics in Magnetic Resonance Imaging, 2011, 22, 107-111.	0.7	5
1193	Lesion probability mapping to explain clinical deficits and cognitive performance in multiple sclerosis. Multiple Sclerosis Journal, 2011, 17, 681-689.	1.4	79

#	ARTICLE	IF	CITATIONS
1194	Dissociations between behavioural and functional magnetic resonance imaging-based evaluations of cognitive function after brain injury. <i>Brain</i> , 2011, 134, 769-782.	3.7	249
1195	Anxiety Dissociates Dorsal and Ventral Medial Prefrontal Cortex Functional Connectivity with the Amygdala at Rest. <i>Cerebral Cortex</i> , 2011, 21, 1667-1673.	1.6	340
1196	Strategic role of frontal white matter tracts in vascular cognitive impairment: a voxel-based lesion-symptom mapping study in CADASIL. <i>Brain</i> , 2011, 134, 2366-2375.	3.7	163
1197	Hippocampi, Thalami, and Accumbens Microstructural Damage in Schizophrenia: A Volumetry, Diffusivity, and Neuropsychological Study. <i>Schizophrenia Bulletin</i> , 2011, 37, 118-130.	2.3	55
1198	The Role of Frontal and Parietal Brain Areas in Bistable Perception. <i>Journal of Neuroscience</i> , 2011, 31, 10293-10301.	1.7	188
1199	Convergent grey and white matter evidence of orbitofrontal cortex changes related to disinhibition in behavioural variant frontotemporal dementia. <i>Brain</i> , 2011, 134, 2502-2512.	3.7	191
1200	Sleep Deprivation Biases the Neural Mechanisms Underlying Economic Preferences. <i>Journal of Neuroscience</i> , 2011, 31, 3712-3718.	1.7	181
1201	Voxelwise Analysis of Diffusion Tensor Imaging and Structural MR Imaging in Patients with the m.3243A>G Mutation in Mitochondrial DNA. <i>American Journal of Neuroradiology</i> , 2011, 32, 522-526.	1.2	15
1202	Seeing Touch Is Correlated with Content-Specific Activity in Primary Somatosensory Cortex. <i>Cerebral Cortex</i> , 2011, 21, 2113-2121.	1.6	88
1203	The Visual Word Form System in Context. <i>Journal of Neuroscience</i> , 2011, 31, 193-199.	1.7	22
1204	Contributions of frontopolar cortex to judgments about self, others and relations. <i>Social Cognitive and Affective Neuroscience</i> , 2011, 6, 260-269.	1.5	63
1205	Isolating the sources of widespread physiological fluctuations in functional near-infrared spectroscopy signals. <i>Journal of Biomedical Optics</i> , 2011, 16, 106005.	1.4	20
1206	Lifelong Bilingualism Maintains White Matter Integrity in Older Adults. <i>Journal of Neuroscience</i> , 2011, 31, 16808-16813.	1.7	319
1207	Depression, rumination and the default network. <i>Social Cognitive and Affective Neuroscience</i> , 2011, 6, 548-555.	1.5	445
1208	Neither retinal nor brain atrophy can be shown in patients with isolated unilateral optic neuritis at the time of presentation. <i>Multiple Sclerosis Journal</i> , 2011, 17, 89-95.	1.4	18
1209	Dopamine-Mediated Reinforcement Learning Signals in the Striatum and Ventromedial Prefrontal Cortex Underlie Value-Based Choices. <i>Journal of Neuroscience</i> , 2011, 31, 1606-1613.	1.7	244
1210	Microstructure Abnormalities in Adolescents with Internet Addiction Disorder. <i>PLoS ONE</i> , 2011, 6, e20708.	1.1	290
1211	Cognitive Context Determines Dorsal Premotor Cortical Activity During Hand Movement in Patients After Stroke. <i>Stroke</i> , 2011, 42, 1056-1061.	1.0	24

#	ARTICLE	IF	CITATIONS
1212	Caudate Dopamine D1 Receptor Density Is Associated with Individual Differences in Frontoparietal Connectivity during Working Memory. <i>Journal of Neuroscience</i> , 2011, 31, 14284-14290.	1.7	70
1213	Ventral Premotor Cortex May Be Required for Dynamic Changes in the Feeling of Limb Ownership: A Lesion Study. <i>Journal of Neuroscience</i> , 2011, 31, 4852-4857.	1.7	102
1214	Diffusion Tensor Imaging Evaluation of Corticospinal Tract Hyperintensity in Upper Motor Neuron-Predominant ALS Patients. <i>Journal of Aging Research</i> , 2011, 2011, 1-9.	0.4	14
1215	Somatotopic Arrangement of the Corticospinal Tract at the Medullary Pyramid in the Human Brain. <i>European Neurology</i> , 2011, 65, 46-49.	0.6	14
1216	Periventricular White Matter Injury by Primary Intraventricular Hemorrhage: A Diffusion Tensor Imaging Study. <i>European Neurology</i> , 2011, 66, 235-241.	0.6	32
1217	Multiparametric analysis of magnetic resonance images for glioma grading and patient survival time prediction. <i>Acta Radiologica</i> , 2011, 52, 1052-1060.	0.5	27
1218	Increased amygdalar and hippocampal volumes in elderly obese individuals with or at risk of cardiovascular disease. <i>American Journal of Clinical Nutrition</i> , 2011, 93, 1190-1195.	2.2	54
1219	White Matter Anisotropy in the Ventral Language Pathway Predicts Sound-to-Word Learning Success. <i>Journal of Neuroscience</i> , 2011, 31, 8780-8785.	1.7	104
1220	Functionally Specific Changes in Resting-State Sensorimotor Networks after Motor Learning. <i>Journal of Neuroscience</i> , 2011, 31, 16907-16915.	1.7	225
1221	Disparity-Tuned Population Responses from Human Visual Cortex. <i>Journal of Neuroscience</i> , 2011, 31, 954-965.	1.7	83
1222	Aversion-Related Circuitry in the Cerebellum: Responses to Noxious Heat and Unpleasant Images. <i>Journal of Neuroscience</i> , 2011, 31, 3795-3804.	1.7	192
1223	Brain Activation Related to Combinations of Gaze Position, Visual Input, and Goal-Directed Hand Movements. <i>Cerebral Cortex</i> , 2011, 21, 1273-1282.	1.6	6
1224	Dissociation of Sensitivity to Spatial Frequency in Word and Face Preferential Areas of the Fusiform Gyrus. <i>Cerebral Cortex</i> , 2011, 21, 2307-2312.	1.6	71
1225	White Matter Changes in OCD Revealed by Diffusion Tensor Imaging. <i>CNS Spectrums</i> , 2011, 16, 101-109.	0.7	29
1226	Fractional Anisotropy Changes After Several Weeks of Daily Left High-Frequency Repetitive Transcranial Magnetic Stimulation of the Prefrontal Cortex to Treat Major Depression. <i>Journal of ECT</i> , 2011, 27, 5-10.	0.3	40
1227	Increased functional connectivity indicates the severity of cognitive impairment in multiple sclerosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 19066-19071.	3.3	241
1228	Neural response to angry and disgusted facial expressions in bulimia nervosa. <i>Psychological Medicine</i> , 2011, 41, 2375-2384.	2.7	26
1229	Predicting Behavioral Deficits in Pediatric Traumatic Brain Injury Through Uncinate Fasciculus Integrity. <i>Journal of the International Neuropsychological Society</i> , 2011, 17, 663-673.	1.2	49

#	ARTICLE	IF	CITATIONS
1230	Pre-dementia Memory Impairment is Associated with White Matter Tract Affection. Journal of the International Neuropsychological Society, 2011, 17, 143-153.	1.2	18
1231	Correlations Between White Matter Integrity and Motor Function in Traumatic Brain Injury Patients. Neurorehabilitation and Neural Repair, 2011, 25, 492-502.	1.4	55
1232	Reduced White Matter Integrity Is Related to Cognitive Instability. Journal of Neuroscience, 2011, 31, 18060-18072.	1.7	113
1233	Contribution of the Pedunculopontine Nucleus on Walking in Stroke Patients. European Neurology, 2011, 65, 332-337.	0.6	19
1234	Linking an Anxiety-Related Personality Trait to Brain White Matter Microstructure. Archives of General Psychiatry, 2011, 68, 369.	13.8	113
1235	REST: A Toolkit for Resting-State Functional Magnetic Resonance Imaging Data Processing. PLoS ONE, 2011, 6, e25031.	1.1	1,710
1236	Anatomical Location of the Pedunculopontine Nucleus in the Human Brain: Diffusion Tensor Imaging Study. Stereotactic and Functional Neurosurgery, 2011, 89, 152-156.	0.8	10
1237	Mapping the distance between the brain and the inner surface of the skull and their global asymmetries. Proceedings of SPIE, 2011, , .	0.8	10
1238	Mapping cerebrovascular reactivity using concurrent fMRI and near infrared spectroscopy. Proceedings of SPIE, 2011, , .	0.8	0
1239	Snapshot Inversion Recovery: An Optimized Single-Shot T1-weighted Inversion-Recovery Sequence for Improved Fetal Brain Anatomic Delineation. Radiology, 2011, 258, 229-235.	3.6	21
1240	Default mode network connectivity in stable vs progressive mild cognitive impairment. Neurology, 2011, 76, 511-517.	1.5	267
1241	Atrophy, hypometabolism and white matter abnormalities in semantic dementia tell a coherent story. Brain, 2011, 134, 2025-2035.	3.7	185
1242	White matter alterations differ in primary lateral sclerosis and amyotrophic lateral sclerosis. Brain, 2011, 134, 2642-2655.	3.7	108
1243	Confidence-based ensemble for GBM brain tumor segmentation. , 2011, , .		1
1244	Improved 3D wavelet-based de-noising of fMRI data. Proceedings of SPIE, 2011, , .	0.8	0
1245	Increased Hippocampal Default Mode Synchronization during Rest in Middle-Aged and Elderly APOE ϵ 4 Carriers: Relationships with Memory Performance. Journal of Neuroscience, 2011, 31, 7775-7783.	1.7	166
1246	Discrete Neuroanatomical Networks Are Associated with Specific Cognitive Abilities in Old Age. Journal of Neuroscience, 2011, 31, 1204-1212.	1.7	193
1247	Posterior Medial Frontal Cortex Activity Predicts Post-Error Adaptations in Task-Related Visual and Motor Areas. Journal of Neuroscience, 2011, 31, 1780-1789.	1.7	229

#	ARTICLE	IF	CITATIONS
1248	The Neural Correlates of Subjective Utility of Monetary Outcome and Probability Weight in Economic and in Motor Decision under Risk. <i>Journal of Neuroscience</i> , 2011, 31, 8822-8831.	1.7	59
1249	The Relationship between Cortical Magnification Factor and Population Receptive Field Size in Human Visual Cortex: Constancies in Cortical Architecture. <i>Journal of Neuroscience</i> , 2011, 31, 13604-13612.	1.7	269
1250	Homozygosity mapping and targeted genomic sequencing reveal the gene responsible for cerebellar hypoplasia and quadrupedal locomotion in a consanguineous kindred. <i>Genome Research</i> , 2011, 21, 1995-2003.	2.4	62
1251	Load Modulation of BOLD Response and Connectivity Predicts Working Memory Performance in Younger and Older Adults. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 2030-2045.	1.1	137
1252	Human Mu Opioid Receptor (<i>OPRM1</i> A118G) polymorphism is associated with brain mu-opioid receptor binding potential in smokers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 9268-9273.	3.3	130
1253	Optogenetic-guided cortical plasticity after nerve injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 8838-8843.	3.3	61
1254	An Investigation of Twenty/20 Vision in Reading. <i>Journal of Neuroscience</i> , 2011, 31, 14631-14638.	1.7	12
1255	The Cortical Rhythms of Chronic Back Pain. <i>Journal of Neuroscience</i> , 2011, 31, 13981-13990.	1.7	250
1256	Functional Connectivity of the Striatum Links Motivation to Action Control in Humans. <i>Journal of Neuroscience</i> , 2011, 31, 10701-10711.	1.7	80
1257	Default Mode Network Connectivity Predicts Sustained Attention Deficits after Traumatic Brain Injury. <i>Journal of Neuroscience</i> , 2011, 31, 13442-13451.	1.7	401
1258	Diffusion-Weighted Imaging Tractography-Based Parcellation of the Human Parietal Cortex and Comparison with Human and Macaque Resting-State Functional Connectivity. <i>Journal of Neuroscience</i> , 2011, 31, 4087-4100.	1.7	446
1259	Anatomical Connectivity Between Subcortical Structures. <i>Brain Connectivity</i> , 2011, 1, 111-118.	0.8	5
1260	A Diffusion Tensor Imaging Study on the White Matter Skeleton in Individuals with Sports-Related Concussion. <i>Journal of Neurotrauma</i> , 2011, 28, 189-201.	1.7	263
1261	How the serotonin transporter 5-HTTLPR polymorphism influences amygdala function: the roles of in vivo serotonin transporter expression and amygdala structure. <i>Translational Psychiatry</i> , 2011, 1, e37-e37.	2.4	91
1262	Motor Practice Promotes Increased Activity in Brain Regions Structurally Disconnected After Subcortical Stroke. <i>Neurorehabilitation and Neural Repair</i> , 2011, 25, 607-616.	1.4	52
1263	Brain Anatomy, Processing Speed, and Reading in School-Age Children. <i>Developmental Neuropsychology</i> , 2011, 36, 828-846.	1.0	7
1264	Wavelet-based denoising and independent component analysis for improving multi-group inference in fMRI data. , 2011, , .		3
1265	Investigation of the default mode network of the brain during alzheimer's disease by minimum spanning tree. , 2011, , .		0

#	ARTICLE	IF	CITATIONS
1266	Default mode network functional and structural connectivity after traumatic brain injury. <i>Brain</i> , 2011, 134, 2233-2247.	3.7	398
1267	Hierarchical alignment of breast DCE-MR images by groupwise registration and robust feature matching. <i>Medical Physics</i> , 2011, 39, 353-366.	1.6	9
1268	Identifying Neurobiological Phenotypes Associated with Alcohol Use Disorder Severity. <i>Neuropsychopharmacology</i> , 2011, 36, 2086-2096.	2.8	228
1269	Predicting Clinical Outcome in Comatose Cardiac Arrest Patients Using Early Noncontrast Computed Tomography. <i>Stroke</i> , 2011, 42, 985-992.	1.0	96
1270	Evidence for context sensitivity of grasp representations in human parietal and premotor cortices. <i>Journal of Neurophysiology</i> , 2011, 105, 2536-2546.	0.9	34
1271	Painful Heat Reveals Hyperexcitability of the Temporal Pole in Interictal and Ictal Migraine States. <i>Cerebral Cortex</i> , 2011, 21, 435-448.	1.6	209
1272	Partitioning of Physiological Noise Signals in the Brain with Concurrent Near-Infrared Spectroscopy and fMRI. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011, 31, 2352-2362.	2.4	102
1273	Brain activity at rest: a multiscale hierarchical functional organization. <i>Journal of Neurophysiology</i> , 2011, 105, 2753-2763.	0.9	287
1274	The Effect of Thalamic Hemorrhage on the Fornix. <i>International Journal of Neuroscience</i> , 2011, 121, 379-383.	0.8	4
1275	Combined analysis of grey matter voxel-based morphometry and white matter tract-based spatial statistics in late-life bipolar disorder. <i>Journal of Psychiatry and Neuroscience</i> , 2011, 36, 391-401.	1.4	105
1276	Altered Functional and Anatomical Connectivity in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2011, 37, 640-650.	2.3	326
1277	Diffusion MRI in corticofugal fibers correlates with hand function in unilateral cerebral palsy. <i>Neurology</i> , 2011, 77, 775-783.	1.5	41
1278	White matter microstructure in patients with obsessive-compulsive disorder. <i>Journal of Psychiatry and Neuroscience</i> , 2011, 36, 42-46.	1.4	64
1279	Functional magnetic resonance imaging of facial information processing in children with autistic disorder, attention deficit hyperactivity disorder and typically developing controls. <i>International Journal of Adolescent Medicine and Health</i> , 2011, 23, 269-77.	0.6	27
1280	Effect of Lens-Induced Myopia on Visual Cortex Activity: A Functional MR Imaging Study. <i>American Journal of Neuroradiology</i> , 2011, 32, 1426-1429.	1.2	12
1281	Neuroimaging Evidence of Altered Fronto-Cortical and Striatal Function after Prolonged Cocaine Self-Administration in the Rat. <i>Neuropsychopharmacology</i> , 2011, 36, 2431-2440.	2.8	37
1282	Neural basis of music knowledge: evidence from the dementias. <i>Brain</i> , 2011, 134, 2523-2534.	3.7	96
1283	Transient bold activity locked to perceptual reversals of auditory streaming in human auditory cortex and inferior colliculus. <i>Journal of Neurophysiology</i> , 2011, 105, 1977-1983.	0.9	54

#	ARTICLE	IF	CITATIONS
1284	Disrupted Functional Brain Connectivity during Verbal Working Memory in Children and Adolescents with Schizophrenia. <i>Cerebral Cortex</i> , 2011, 21, 510-518.	1.6	36
1285	Decoding Temporal Structure in Music and Speech Relies on Shared Brain Resources but Elicits Different Fine-Scale Spatial Patterns. <i>Cerebral Cortex</i> , 2011, 21, 1507-1518.	1.6	129
1286	A Parallel Functional Topography between Medial and Lateral Prefrontal Cortex: Evidence and Implications for Cognitive Control. <i>Journal of Neuroscience</i> , 2011, 31, 5026-5031.	1.7	96
1287	Effects of Age and Gender on White Matter Integrity. <i>American Journal of Neuroradiology</i> , 2011, 32, 2103-2109.	1.2	170
1288	Cognitive impairment in relation to MRI metrics in patients with clinically isolated syndrome. <i>Multiple Sclerosis Journal</i> , 2011, 17, 173-180.	1.4	65
1289	Genetic Correlations of Brain Lesion Distribution in Multiple Sclerosis: An Exploratory Study. <i>American Journal of Neuroradiology</i> , 2011, 32, 695-703.	1.2	11
1290	Magnetic Resonance Imaging Correlates of Dichotic Listening Performance in Multiple Sclerosis. <i>Seminars in Hearing</i> , 2012, 33, 283-294.	0.5	3
1291	Becoming Consistent: Developmental Reductions in Intraindividual Variability in Reaction Time Are Related to White Matter Integrity. <i>Journal of Neuroscience</i> , 2012, 32, 972-982.	1.7	169
1292	Therapeutic Hypothermia for Neonatal Encephalopathy Results in Improved Microstructure and Metabolism in the Deep Gray Nuclei. <i>American Journal of Neuroradiology</i> , 2012, 33, 2050-2055.	1.2	34
1293	Regional grey and white matter volumetric changes in myalgic encephalomyelitis (chronic fatigue) Tj ETQq1 1 0.784314 rgBT/Overlook 1.0 79		
1294	Somatosensory Cortical Activation in Cervical Dystonia and Its Modulation With Botulinum Toxin: An fMRI Study. <i>International Journal of Neuroscience</i> , 2012, 122, 45-52.	0.8	42
1295	Reduced Functional Integration and Segregation of Distributed Neural Systems Underlying Social and Emotional Information Processing in Autism Spectrum Disorders. <i>Cerebral Cortex</i> , 2012, 22, 1025-1037.	1.6	163
1296	Diffuse Tract Damage in the Hemispheric Deep White Matter May Correlate with Global Cognitive Impairment and Callosal Atrophy in Patients with Extensive Leukoaraiosis. <i>American Journal of Neuroradiology</i> , 2012, 33, 726-732.	1.2	28
1297	White Matter Network Abnormalities Are Associated with Cognitive Decline in Chronic Epilepsy. <i>Cerebral Cortex</i> , 2012, 22, 2139-2147.	1.6	127
1298	DTI and MR Volumetry of Hippocampus-PC/PCC Circuit: In Search of Early Micro- and Macrostructural Signs of Alzheimers's Disease. <i>Neurology Research International</i> , 2012, 2012, 1-9.	0.5	32
1299	Quitting-unmotivated and quitting-motivated cigarette smokers exhibit different patterns of cue-elicited brain activation when anticipating an opportunity to smoke.. <i>Journal of Abnormal Psychology</i> , 2012, 121, 198-211.	2.0	53
1300	Age-Specific MRI Templates for Pediatric Neuroimaging. <i>Developmental Neuropsychology</i> , 2012, 37, 379-399.	1.0	141
1301	Injury of Fornix in Patients With Intracerebral Hemorrhage. <i>International Journal of Neuroscience</i> , 2012, 122, 195-199.	0.8	8

#	ARTICLE	IF	CITATIONS
1302	White Matter Integrity in Highly Traumatized Adults With and Without Post-Traumatic Stress Disorder. <i>Neuropsychopharmacology</i> , 2012, 37, 2740-2746.	2.8	111
1303	Failure of de-activation in the medial frontal cortex in mania: evidence for default mode network dysfunction in the disorder. <i>World Journal of Biological Psychiatry</i> , 2012, 13, 616-626.	1.3	53
1304	The human brain representation of odor identification. <i>Journal of Neurophysiology</i> , 2012, 108, 645-657.	0.9	93
1305	Existential neuroscience: a functional magnetic resonance imaging investigation of neural responses to reminders of one's mortality. <i>Social Cognitive and Affective Neuroscience</i> , 2012, 7, 193-198.	1.5	96
1306	Disparity-Specific Spatial Interactions: Evidence from EEG Source Imaging. <i>Journal of Neuroscience</i> , 2012, 32, 826-840.	1.7	35
1307	Perceptual Criteria in the Human Brain. <i>Journal of Neuroscience</i> , 2012, 32, 16716-16724.	1.7	65
1308	Modulation of Fronto-Cortical Activity by Modafinil: A Functional Imaging and Fos Study in the Rat. <i>Neuropsychopharmacology</i> , 2012, 37, 822-837.	2.8	44
1309	Short-term SSRI treatment normalises amygdala hyperactivity in depressed patients. <i>Psychological Medicine</i> , 2012, 42, 2609-2617.	2.7	202
1310	Self-efficacy is independently associated with brain volume in older women. <i>Age and Ageing</i> , 2012, 41, 495-501.	0.7	20
1311	Quantitative Measurement of Brain Perfusion with Intravoxel Incoherent Motion MR Imaging. <i>Radiology</i> , 2012, 265, 874-881.	3.6	161
1312	Relating Brain Damage to Brain Plasticity in Patients With Multiple Sclerosis. <i>Neurorehabilitation and Neural Repair</i> , 2012, 26, 581-593.	1.4	61
1313	The tremor network targeted by successful VIM deep brain stimulation in humans. <i>Neurology</i> , 2012, 78, 787-795.	1.5	124
1314	Stress shifts brain activation towards ventral "affective" areas during emotional distraction. <i>Social Cognitive and Affective Neuroscience</i> , 2012, 7, 403-412.	1.5	98
1315	MRI monitoring of immunomodulation in relapse-onset multiple sclerosis trials. <i>Nature Reviews Neurology</i> , 2012, 8, 13-21.	4.9	67
1316	Stereotaxic localisation of the dorsolateral prefrontal cortex for transcranial magnetic stimulation is superior to the standard reference position. <i>Australian and New Zealand Journal of Psychiatry</i> , 2012, 46, 232-239.	1.3	15
1317	Fat intake modulates cerebral blood flow in homeostatic and gustatory brain areas in humans. <i>American Journal of Clinical Nutrition</i> , 2012, 95, 1342-1349.	2.2	40
1318	Lost and Forgotten? Orientation Versus Memory in Alzheimer's Disease and Frontotemporal Dementia. <i>Journal of Alzheimer's Disease</i> , 2012, 33, 473-481.	1.2	57
1319	Decreased Fractional Anisotropy Evaluated Using Tract-Based Spatial Statistics and Correlated with Cognitive Dysfunction in Patients with Mild Traumatic Brain Injury in the Chronic Stage. <i>American Journal of Neuroradiology</i> , 2012, 33, 2117-2122.	1.2	64

#	ARTICLE	IF	CITATIONS
1320	Low-frequency oscillations measured in the periphery with near-infrared spectroscopy are strongly correlated with blood oxygen level-dependent functional magnetic resonance imaging signals. <i>Journal of Biomedical Optics</i> , 2012, 17, 1.	1.4	99
1321	Reward circuitry function in autism spectrum disorders. <i>Social Cognitive and Affective Neuroscience</i> , 2012, 7, 160-172.	1.5	244
1322	Concurrent functional and structural cortical alterations in migraine. <i>Cephalalgia</i> , 2012, 32, 607-620.	1.8	179
1323	Brain Connectivity Networks in Schizophrenia Underlying Resting State Functional Magnetic Resonance Imaging. <i>Current Topics in Medicinal Chemistry</i> , 2012, 12, 2415-2425.	1.0	125
1324	Thalamic changes in a preterm sample with periventricular leukomalacia: correlation with white-matter integrity and cognitive outcome at school age. <i>Pediatric Research</i> , 2012, 71, 354-360.	1.1	29
1325	Fractional Anisotropy in the Posterior Limb of the Internal Capsule and Prognosis in Amyotrophic Lateral Sclerosis. <i>Archives of Neurology</i> , 2012, 69, 1493.	4.9	60
1326	The Path to Memory Is Guided by Strategy: Distinct Networks Are Engaged in Associative Encoding under Visual and Verbal Strategy and Influence Memory Performance in Healthy and Impaired Individuals. <i>Journal of Cognitive Neuroscience</i> , 2012, 24, 1398-1410.	1.1	3
1327	Neuroscience in branding: A functional magnetic resonance imaging study on brandsâ€™ implicit and explicit impressions. <i>Journal of Brand Management</i> , 2012, 19, 735-757.	2.0	14
1328	The Role of Demyelination in Neuromyelitis Optica Damage: Diffusion-Tensor MR Imaging Study. <i>Radiology</i> , 2012, 263, 235-242.	3.6	57
1329	White Matter Alteration in Idiopathic Normal Pressure Hydrocephalus: Tract-Based Spatial Statistics Study. <i>American Journal of Neuroradiology</i> , 2012, 33, 97-103.	1.2	69
1330	Neonatal Tract-Based Spatial Statistics Findings and Outcome in Preterm Infants. <i>American Journal of Neuroradiology</i> , 2012, 33, 188-194.	1.2	148
1331	A Distinct MR Imaging Phenotype in Amyotrophic Lateral Sclerosis: Correlation between T1 Magnetization Transfer Contrast Hyperintensity along the Corticospinal Tract and Diffusion Tensor Imaging Analysis. <i>American Journal of Neuroradiology</i> , 2012, 33, 733-739.	1.2	25
1332	White Matter Abnormalities Are Related to Microstructural Changes in Preterm Neonates at Term-Equivalent Age: A Diffusion Tensor Imaging and Probabilistic Tractography Study. <i>American Journal of Neuroradiology</i> , 2012, 33, 839-845.	1.2	24
1333	Investigation of Long-Term Reproducibility of Intrinsic Connectivity Network Mapping: A Resting-State fMRI Study. <i>American Journal of Neuroradiology</i> , 2012, 33, 833-838.	1.2	81
1334	Cerebral White Matter Disruption in Creutzfeldt-Jakob Disease. <i>American Journal of Neuroradiology</i> , 2012, 33, 1945-1950.	1.2	22
1335	Age-Related Changes of Cerebral Autoregulation: New Insights with Quantitative T2*-Mapping and Pulsed Arterial Spin-Labeling MR Imaging. <i>American Journal of Neuroradiology</i> , 2012, 33, 2081-2087.	1.2	38
1336	Generation of Individualized Thalamus Target Maps by Using Statistical Shape Models and Thalamocortical Tractography. <i>American Journal of Neuroradiology</i> , 2012, 33, 2110-2116.	1.2	69
1337	Top-down attention switches coupling between low-level and high-level areas of human visual cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 14675-14680.	3.3	159

#	ARTICLE	IF	CITATIONS
1338	Bridging the gap: global disparity processing in the human visual cortex. <i>Journal of Neurophysiology</i> , 2012, 107, 2421-2429.	0.9	27
1339	Cortical Thinning in Psychopathy. <i>American Journal of Psychiatry</i> , 2012, 169, 743-749.	4.0	129
1340	The Neural Underpinings of Simultanagnosia: Disconnecting the Visuospatial Attention Network. <i>Journal of Cognitive Neuroscience</i> , 2012, 24, 718-735.	1.1	53
1341	What Makes Different People's Representations Alike: Neural Similarity Space Solves the Problem of Across-subject fMRI Decoding. <i>Journal of Cognitive Neuroscience</i> , 2012, 24, 868-877.	1.1	46
1342	Amygdalar Function Reflects Common Individual Differences in Emotion and Pain Regulation Success. <i>Journal of Cognitive Neuroscience</i> , 2012, 24, 148-158.	1.1	43
1343	Significant Volume Reduction and Shape Abnormalities of the Basal Ganglia in Cases of Chronic Liver Cirrhosis. <i>American Journal of Neuroradiology</i> , 2012, 33, 239-245.	1.2	14
1344	Diffusion kurtosis imaging with tract-based spatial statistics reveals white matter alterations in preschool children. , 2012, 2012, 2298-301.		3
1345	Generating thermal facial signatures using thermal infrared images. , 2012, , .		10
1346	Identifying the structural architecture of the human inferior parietal lobule using diffusion MRI. , 2012, , .		2
1347	Accelerating Fibre Orientation Estimation from Diffusion Weighted Magnetic Resonance Imaging Using GPUs. , 2012, , .		51
1348	Real-time, transcranial monitoring of safe blood-brain barrier opening in non-human primates. , 2012, , .		1
1349	Thought Beyond Language. <i>Psychological Science</i> , 2012, 23, 914-922.	1.8	128
1350	Conserved Functional Connectivity but Impaired Effective Connectivity of Thalamocortical Circuitry in Schizophrenia. <i>Brain Connectivity</i> , 2012, 2, 311-319.	0.8	13
1351	Exploring the relationship between white matter microstructure and working memory functioning following stroke: A single case study of computerized cognitive training. <i>Neurocase</i> , 2012, 18, 139-151.	0.2	22
1352	Increase of hippocampal glutamate after electroconvulsive treatment: A quantitative proton MR spectroscopy study at 9.4 T in an animal model of depression. <i>World Journal of Biological Psychiatry</i> , 2012, 13, 447-457.	1.3	21
1353	Resting-state fMRI analysis of Alzheimer's disease progress using sparse dictionary learning. , 2012, , .		0
1354	Investigation of brain tissue segmentation error and its effect on EEG source localization. , 2012, 2012, 1522-5.		3
1355	Blood Flow MRI of the Human Retina/Choroid during Rest and Isometric Exercise. , 2012, 53, 4299.		32

#	ARTICLE	IF	CITATIONS
1356	The Selectivity of Task-Dependent Attention Varies with Surrounding Context. <i>Journal of Neuroscience</i> , 2012, 32, 12180-12191.	1.7	23
1357	No Laughing Matter: Intranasal Oxytocin Administration Changes Functional Brain Connectivity during Exposure to Infant Laughter. <i>Neuropsychopharmacology</i> , 2012, 37, 1257-1266.	2.8	164
1358	Neural systems for speech and song in autism. <i>Brain</i> , 2012, 135, 961-975.	3.7	139
1359	BOLD Responses in Somatosensory Cortices Better Reflect Heat Sensation than Pain. <i>Journal of Neuroscience</i> , 2012, 32, 6024-6031.	1.7	77
1360	Dissociating the Detection of Intentionality from Animacy in the Right Posterior Superior Temporal Sulcus. <i>Journal of Neuroscience</i> , 2012, 32, 14276-14280.	1.7	77
1361	The Role of the Amygdala in Atypical Gaze on Emotional Faces in Autism Spectrum Disorders. <i>Journal of Neuroscience</i> , 2012, 32, 9469-9476.	1.7	145
1362	Default Network Connectivity in Medial Temporal Lobe Amnesia. <i>Journal of Neuroscience</i> , 2012, 32, 14622-14629a.	1.7	40
1363	Gender Modulates the APOE ϵ 4 Effect in Healthy Older Adults: Convergent Evidence from Functional Brain Connectivity and Spinal Fluid Tau Levels. <i>Journal of Neuroscience</i> , 2012, 32, 8254-8262.	1.7	222
1364	Electrical Brain Stimulation Improves Cognitive Performance by Modulating Functional Connectivity and Task-Specific Activation. <i>Journal of Neuroscience</i> , 2012, 32, 1859-1866.	1.7	262
1365	Contralesional Hemisphere Control of the Proximal Paretic Upper Limb following Stroke. <i>Cerebral Cortex</i> , 2012, 22, 2662-2671.	1.6	198
1366	The organization of the human striatum estimated by intrinsic functional connectivity. <i>Journal of Neurophysiology</i> , 2012, 108, 2242-2263.	0.9	696
1367	Altered Cross-Modal Processing in the Primary Auditory Cortex of Congenitally Deaf Adults: A Visual-Somatosensory fMRI Study with a Double-Flash Illusion. <i>Journal of Neuroscience</i> , 2012, 32, 9626-9638.	1.7	154
1368	Attention Selects Informative Neural Populations in Human V1. <i>Journal of Neuroscience</i> , 2012, 32, 16379-16390.	1.7	30
1369	The Effect of Preterm Birth on Thalamic and Cortical Development. <i>Cerebral Cortex</i> , 2012, 22, 1016-1024.	1.6	262
1370	Diffusion Tensor MRI Evidence for Extra-Axonal Neuronal Degeneration in Caudate and Thalamic Nuclei of Patients with Multiple Sclerosis. <i>American Journal of Neuroradiology</i> , 2012, 33, 1363-1368.	1.2	64
1371	Fractal network dimension and viscoelastic powerlaw behavior: II. An experimental study of structure-mimicking phantoms by magnetic resonance elastography. <i>Physics in Medicine and Biology</i> , 2012, 57, 4041-4053.	1.6	47
1372	Stimulation strength and focality of electroconvulsive therapy with individualized current amplitude: A preclinical study. , 2012, 2012, 6430-3.		6
1373	Quantifying uncertainty in Transcranial Magnetic Stimulation - A high resolution simulation study in ICBM space. , 2012, 2012, 1218-21.		4

#	ARTICLE	IF	CITATIONS
1374	Attachment in the brain: adult attachment representations predict amygdala and behavioral responses to infant crying. <i>Attachment and Human Development</i> , 2012, 14, 533-551.	1.2	92
1375	A Comparison Between Volumetric Data Generated by Voxel-Based Morphometry and Manual Parcellation of Multimodal Regions of the Frontal Lobe. <i>American Journal of Neuroradiology</i> , 2012, 33, 1957-1963.	1.2	6
1376	The TWIN-E Project in Emotional Wellbeing: Study Protocol and Preliminary Heritability Results Across Four MRI and DTI Measures. <i>Twin Research and Human Genetics</i> , 2012, 15, 419-441.	0.3	40
1377	Genetic Contributions to the Midsagittal Area of the Corpus Callosum. <i>Twin Research and Human Genetics</i> , 2012, 15, 315-323.	0.3	18
1378	Magnetic Resonance Imaging in Late-Life Depression. <i>Archives of General Psychiatry</i> , 2012, 69, 680-9.	13.8	88
1379	Individual Detection of Patients with Parkinson Disease using Support Vector Machine Analysis of Diffusion Tensor Imaging Data: Initial Results. <i>American Journal of Neuroradiology</i> , 2012, 33, 2123-2128.	1.2	99
1380	Altered Microstructure of White Matter Except the Corpus Callosum Is Independent of Prematurity. <i>Neonatology</i> , 2012, 102, 309-315.	0.9	36
1381	Spatiotemporal Reconfiguration of Large-Scale Brain Functional Networks during Propofol-Induced Loss of Consciousness. <i>Journal of Neuroscience</i> , 2012, 32, 12832-12840.	1.7	175
1382	Incident subcortical infarcts induce focal thinning in connected cortical regions. <i>Neurology</i> , 2012, 79, 2025-2028.	1.5	189
1383	Magnetization Transfer Imaging in Premanifest and Manifest Huntington Disease. <i>American Journal of Neuroradiology</i> , 2012, 33, 884-889.	1.2	23
1384	Caudate Nucleus Volume Mediates the Link between Cardiorespiratory Fitness and Cognitive Flexibility in Older Adults. <i>Journal of Aging Research</i> , 2012, 2012, 1-11.	0.4	85
1385	The Prevalence of Central Poststroke Pain according to the Integrity of the Spino-Thalamo-Cortical Pathway. <i>European Neurology</i> , 2012, 67, 12-17.	0.6	40
1386	Neural Connectivity of the Pedunculopontine Nucleus in Relation to Walking Ability in Chronic Patients with Intracerebral Hemorrhage. <i>European Neurology</i> , 2012, 67, 226-231.	0.6	5
1387	The neural basis of impaired self-awareness after traumatic brain injury. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2012, 83, e1.112-e1.	0.9	1
1388	Towards the "Baby Connectome": Mapping the Structural Connectivity of the Newborn Brain. <i>PLoS ONE</i> , 2012, 7, e31029.	1.1	70
1389	First-episode psychosis is characterized by failure of deactivation but not by hypo- or hyperfrontality. <i>Psychological Medicine</i> , 2012, 42, 73-84.	2.7	44
1390	Amygdala to hippocampal volume ratio is associated with negative memory bias in healthy subjects. <i>Psychological Medicine</i> , 2012, 42, 335-343.	2.7	36
1391	Exploring the pattern and neural correlates of neuropsychological impairment in late-life depression. <i>Psychological Medicine</i> , 2012, 42, 1195-1202.	2.7	85

#	ARTICLE	IF	CITATIONS
1392	Intelligence and the brain: A model-based approach. <i>Cognitive Neuroscience</i> , 2012, 3, 89-97.	0.6	62
1393	White Matter Predictors of Cognitive Functioning in Older Adults. <i>Journal of the International Neuropsychological Society</i> , 2012, 18, 414-427.	1.2	46
1394	Compensatory Brain Activity during Encoding among Older Adults with Better Recognition Memory for Face-Name Pairs: An Integrative Functional, Structural, and Perfusion Imaging Study. <i>Journal of the International Neuropsychological Society</i> , 2012, 18, 402-413.	1.2	34
1395	Striatal function in relation to negative symptoms in schizophrenia. <i>Psychological Medicine</i> , 2012, 42, 267-282.	2.7	39
1396	Voluntary switching between identities in dissociative identity disorder: A functional MRI case study. <i>Cognitive Neuroscience</i> , 2012, 3, 112-119.	0.6	13
1397	Alpha oscillations in the pedunculo-pontine nucleus correlate with gait performance in parkinsonism. <i>Brain</i> , 2012, 135, 148-160.	3.7	141
1398	A combined post-mortem magnetic resonance imaging and quantitative histological study of multiple sclerosis pathology. <i>Brain</i> , 2012, 135, 2938-2951.	3.7	131
1399	Social Reward Dependence and Brain White Matter Microstructure. <i>Cerebral Cortex</i> , 2012, 22, 2672-2679.	1.6	30
1400	Orbitofrontal Connectivity with Resting-State Networks Is Associated with Midbrain Dopamine D3 Receptor Availability. <i>Cerebral Cortex</i> , 2012, 22, 2784-2793.	1.6	62
1401	Clinical and neuroanatomical predictors of cerebellar mutism syndrome. <i>Neuro-Oncology</i> , 2012, 14, 1294-1303.	0.6	112
1402	Neuronal Loss in the Medial Cholinergic Pathway From the Nucleus Basalis of Meynert in Patients With Traumatic Axonal Injury. <i>Journal of Head Trauma Rehabilitation</i> , 2012, 27, 172-176.	1.0	12
1403	Distinct but overlapping neural networks subserve depression and insecure attachment. <i>Social Cognitive and Affective Neuroscience</i> , 2012, 7, 896-908.	1.5	22
1404	Food Cues Do Not Modulate the Neuroendocrine Response to a Prolonged Fast in Healthy Men. <i>Neuroendocrinology</i> , 2012, 96, 285-293.	1.2	7
1405	The Center for Computational Biology: resources, achievements, and challenges. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2012, 19, 202-206.	2.2	6
1406	Impairments in Cognitive Function and Brain Connectivity in Severe Asymptomatic Carotid Stenosis. <i>Stroke</i> , 2012, 43, 2567-2573.	1.0	103
1407	Cortical activation changes underlying stimulation-induced behavioural gains in chronic stroke. <i>Brain</i> , 2012, 135, 276-284.	3.7	156
1408	Abnormal thalamocortical structural and functional connectivity in juvenile myoclonic epilepsy. <i>Brain</i> , 2012, 135, 3635-3644.	3.7	159
1409	Within-Digit Functional Parcellation of Brodmann Areas of the Human Primary Somatosensory Cortex Using Functional Magnetic Resonance Imaging at 7 Tesla. <i>Journal of Neuroscience</i> , 2012, 32, 15815-15822.	1.7	118

#	ARTICLE	IF	CITATIONS
1410	Delayed neural degeneration following gamma knife radiosurgery in a patient with an arteriovenous malformation: A diffusion tensor imaging study. <i>NeuroRehabilitation</i> , 2012, 31, 131-135.	0.5	8
1411	Supervised classification of brain tissues through local multi-scale texture analysis by coupling DIR and FLAIR MR sequences. , 2012, , .		3
1412	Assessment of White Matter Injury and Outcome in Severe Brain Trauma. <i>Anesthesiology</i> , 2012, 117, 1300-1310.	1.3	133
1413	Limb apraxia in a patient with cerebral infarct: Diffusion tensor tractography study. <i>NeuroRehabilitation</i> , 2012, 30, 255-259.	0.5	22
1414	Abnormalities of the Fornix in Mild Cognitive Impairment are Related to Episodic Memory Loss. <i>Journal of Alzheimer's Disease</i> , 2012, 29, 629-639.	1.2	38
1415	Differences between the somatotopic corticospinal tract for the fingers and toes in the human brain. <i>NeuroRehabilitation</i> , 2012, 31, 395-399.	0.5	6
1416	Assessment of Alzheimer's Disease Risk with Functional Magnetic Resonance Imaging: An Arterial Spin Labeling Study. <i>Journal of Alzheimer's Disease</i> , 2012, 31, S59-S74.	1.2	73
1417	Improving semi-automated segmentation by integrating learning with active sampling. <i>Proceedings of SPIE</i> , 2012, , .	0.8	0
1418	Hyperintense White Matter Lesions in 50 High-Altitude Pilots With Neurologic Decompression Sickness. <i>Aviation, Space, and Environmental Medicine</i> , 2012, 83, 1117-1122.	0.6	30
1419	Mapping inter-regional connectivity of the entire cortex to characterize major depressive disorder. <i>NeuroReport</i> , 2012, 23, 566-571.	0.6	54
1420	The relationship between delirium duration, white matter integrity, and cognitive impairment in intensive care unit survivors as determined by diffusion tensor imaging. <i>Critical Care Medicine</i> , 2012, 40, 2182-2189.	0.4	195
1421	Contrasting Connectivity of the Ventralis Intermedius and Ventralis Oralis Posterior Nuclei of the Motor Thalamus Demonstrated by Probabilistic Tractography. <i>Neurosurgery</i> , 2012, 70, 162-169.	0.6	68
1422	Neural correlates of the emotional and symbolic content of brands: A neuroimaging study. <i>Journal of Customer Behavior</i> , 2012, 11, 69-93.	0.0	8
1423	Magnetic resonance imaging in late-life depression: vascular and glucocorticoid cascade hypotheses. <i>British Journal of Psychiatry</i> , 2012, 201, 46-51.	1.7	44
1424	Anatomical MRI and DTI in the Diagnosis of Alzheimer's Disease: A European Multicenter Study. <i>Journal of Alzheimer's Disease</i> , 2012, 31, S33-S47.	1.2	86
1425	Intra- and interhemispheric connectivity between face-selective regions in the human brain. <i>Journal of Neurophysiology</i> , 2012, 108, 3087-3095.	0.9	95
1426	Lateralization in intrinsic functional connectivity of the temporoparietal junction with salience- and attention-related brain networks. <i>Journal of Neurophysiology</i> , 2012, 108, 3382-3392.	0.9	139
1427	Effects of mindful-attention and compassion meditation training on amygdala response to emotional stimuli in an ordinary, non-meditative state. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 292.	1.0	283

#	ARTICLE	IF	CITATIONS
1428	Experience-dependent plasticity in white matter microstructure: reasoning training alters structural connectivity. <i>Frontiers in Neuroanatomy</i> , 2012, 6, 32.	0.9	113
1429	Co-analysis of Brain Structure and Function using fMRI and Diffusion-weighted Imaging. <i>Journal of Visualized Experiments</i> , 2012, , .	0.2	10
1430	Probing Thalamic Integrity in Schizophrenia Using Concurrent Transcranial Magnetic Stimulation and Functional Magnetic Resonance Imaging. <i>Archives of General Psychiatry</i> , 2012, 69, 662-71.	13.8	47
1431	Neural injury of uncinate fasciculus in patients with diffuse axonal injury. <i>NeuroRehabilitation</i> , 2012, 30, 323-328.	0.5	19
1432	Changes in mild cognitive impairment and its subtypes as seen on diffusion tensor imaging. <i>International Psychogeriatrics</i> , 2012, 24, 1483-1493.	0.6	22
1433	Does the Framingham Stroke Risk Profile predict white-matter changes in late-life depression?. <i>International Psychogeriatrics</i> , 2012, 24, 524-531.	0.6	26
1434	Tractography in the Study of the Human Brain: A Neurosurgical Perspective. <i>Canadian Journal of Neurological Sciences</i> , 2012, 39, 747-756.	0.3	27
1435	Neural correlates of race-related social evaluations for African Americans and White Americans.. <i>Neuropsychology</i> , 2012, 26, 704-712.	1.0	14
1436	A diffusion tensor brain template for Rhesus Macaques. <i>NeuroImage</i> , 2012, 59, 306-318.	2.1	66
1437	Neurofunctional assessment in a stroke patient with musical hallucinations. <i>Neurocase</i> , 2012, 18, 514-520.	0.2	10
1438	Developmental pathways to amygdala-prefrontal function and internalizing symptoms in adolescence. <i>Nature Neuroscience</i> , 2012, 15, 1736-1741.	7.1	343
1439	Should we be "nervous" about coeliac disease? Brain abnormalities in patients with coeliac disease referred for neurological opinion. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2012, 83, 1216-1221.	0.9	44
1441	R and D Cloud CEIB: Management and Knowledge Extraction System for Bioimaging in the Cloud. , 2012, , .		1
1442	Structural imaging techniques in schizophrenia. <i>Acta Psychiatrica Scandinavica</i> , 2012, 126, 235-242.	2.2	22
1443	Altered processing of sweet taste in the brain of diet soda drinkers. <i>Physiology and Behavior</i> , 2012, 107, 560-567.	1.0	113
1444	Probabilistic Brain Fiber Tractography on GPUs. , 2012, , .		6
1445	Microstructural abnormalities of white matter differentiate pediatric and adult-onset bipolar disorder. <i>Bipolar Disorders</i> , 2012, 14, 597-606.	1.1	56
1446	White matter integrity within the corpus callosum differentiates late-life bipolar and unipolar depression. <i>Bipolar Disorders</i> , 2012, 14, 790-791.	1.1	8

#	ARTICLE	IF	CITATIONS
1447	Brain tissue volumes in familial longevity: the Leiden Longevity Study. <i>Aging Cell</i> , 2012, 11, 933-939.	3.0	11
1448	Neural representations involved in observed, imagined, and imitated actions are dissociable and hierarchically organized. <i>NeuroImage</i> , 2012, 59, 2798-2807.	2.1	145
1449	Sight and Sound Converge to Form Modality-Invariant Representations in Temporoparietal Cortex. <i>Journal of Neuroscience</i> , 2012, 32, 16629-16636.	1.7	37
1450	Within-subject template estimation for unbiased longitudinal image analysis. <i>NeuroImage</i> , 2012, 61, 1402-1418.	2.1	1,925
1451	Mapping changes of in vivo connectivity patterns in the human mediodorsal thalamus: correlations with higher cognitive and executive functions. <i>Brain Imaging and Behavior</i> , 2012, 6, 472-483.	1.1	27
1452	Color discrimination deficits in Parkinson's disease are related to cognitive impairment and white matter alterations. <i>Movement Disorders</i> , 2012, 27, 1781-1788.	2.2	66
1453	Effects of APOE on brain white matter microstructure in healthy adults. <i>Neurology</i> , 2012, 79, 1961-1969.	1.5	76
1454	Mechanisms of white matter changes induced by meditation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 10570-10574.	3.3	289
1455	In vivo voxel based morphometry: Detection of increased hippocampal volume and decreased glutamate levels in exercising mice. <i>NeuroImage</i> , 2012, 61, 1206-1212.	2.1	101
1456	Structure Tensor Informed Fiber Tractography (STIFT) by combining gradient echo MRI and diffusion weighted imaging. <i>NeuroImage</i> , 2012, 59, 3941-3954.	2.1	17
1457	The Pulvinar Regulates Information Transmission Between Cortical Areas Based on Attention Demands. <i>Science</i> , 2012, 337, 753-756.	6.0	814
1458	MR volumetric changes after diagnostic CSF removal in normal pressure hydrocephalus. <i>Journal of Neurology</i> , 2012, 259, 2440-2446.	1.8	14
1459	Structural changes after videogame practice related to a brain network associated with intelligence. <i>Intelligence</i> , 2012, 40, 479-489.	1.6	35
1460	White matter imaging changes in subjective and mild cognitive impairment. <i>Alzheimer's and Dementia</i> , 2012, 8, S112-21.	0.4	80
1461	DTI voxelwise analysis did not differentiate older depressed patients from older subjects without depression. <i>Journal of Psychiatric Research</i> , 2012, 46, 1643-1649.	1.5	19
1462	Neural tracts injuries in patients with hypoxic ischemic brain injury: Diffusion tensor imaging study. <i>Neuroscience Letters</i> , 2012, 528, 16-21.	1.0	31
1463	Difference of neural connectivity for motor function in chronic hemiparetic stroke patients with intracerebral hemorrhage. <i>Neuroscience Letters</i> , 2012, 531, 80-85.	1.0	10
1464	Age effect on subcortical structures in healthy adults. <i>Psychiatry Research - Neuroimaging</i> , 2012, 203, 38-45.	0.9	68

#	ARTICLE	IF	CITATIONS
1465	Impaired functional but preserved structural connectivity in limbic white matter tracts in youth with conduct disorder or oppositional defiant disorder plus psychopathic traits. <i>Psychiatry Research - Neuroimaging</i> , 2012, 202, 239-244.	0.9	87
1466	Do Alzheimer-specific microstructural changes in mild cognitive impairment predict conversion?. <i>Psychiatry Research - Neuroimaging</i> , 2012, 203, 184-193.	0.9	35
1467	White matter microstructural alterations in children with prenatal methamphetamine/polydrug exposure. <i>Psychiatry Research - Neuroimaging</i> , 2012, 204, 140-148.	0.9	36
1468	Diffusion tensor imaging evidence of white matter disruption associated with loss versus alteration of consciousness in warfighters exposed to combat in Operations Enduring and Iraqi Freedom. <i>Psychiatry Research - Neuroimaging</i> , 2012, 204, 149-154.	0.9	44
1469	Fronto-limbic microstructure and structural connectivity in remission from major depression. <i>Psychiatry Research - Neuroimaging</i> , 2012, 204, 40-48.	0.9	41
1470	Neural Mechanisms of Foraging. <i>Science</i> , 2012, 336, 95-98.	6.0	527
1471	Mechanisms supporting superior source memory for familiar items: A multi-voxel pattern analysis study. <i>Neuropsychologia</i> , 2012, 50, 3015-3026.	0.7	28
1472	Multicentre absolute myelin water content mapping: Development of a whole brain atlas and application to low-grade multiple sclerosis. <i>NeuroImage: Clinical</i> , 2012, 1, 121-130.	1.4	20
1473	Semi-Automatic Segmentation Software for Quantitative Clinical Brain Glioblastoma Evaluation. <i>Academic Radiology</i> , 2012, 19, 977-985.	1.3	33
1474	Statistical Power in Quantitative Diffusion MRI of Tumor Response. <i>Academic Radiology</i> , 2012, 19, 326-330.	1.3	1
1475	Differences in white matter reflect atypical developmental trajectory in autism: A Tract-based Spatial Statistics study. <i>NeuroImage: Clinical</i> , 2012, 1, 48-56.	1.4	51
1476	Diffusion tensor imaging in Alzheimer disease and mild cognitive impairment. <i>Neurologia I Neurochirurgia Polska</i> , 2012, 46, 462-471.	0.6	8
1477	Estimation of the haemodynamic response to epileptic activity in EEG-fMRI data. , 2012, , .		0
1478	Diffeomorphic susceptibility artifact correction of diffusion-weighted magnetic resonance images. <i>Physics in Medicine and Biology</i> , 2012, 57, 5715-5731.	1.6	109
1479	fMRI based connectivity analysis of perisylvian language related brain areas. , 2012, , .		0
1480	Automatic segmentation of pediatric brain MRIs using a maximum probability pediatric atlas. , 2012, , .		4
1481	Frontal-Occipital Connectivity During Visual Search. <i>Brain Connectivity</i> , 2012, 2, 164-175.	0.8	29
1482	Differences between chimpanzees and bonobos in neural systems supporting social cognition. <i>Social Cognitive and Affective Neuroscience</i> , 2012, 7, 369-379.	1.5	119

#	ARTICLE	IF	CITATIONS
1483	Do brain activation changes persist in athletes with a history of multiple concussions who are asymptomatic?. Brain Injury, 2012, 26, 1217-1225.	0.6	26
1484	KAB: Integrated analysis of brain images tool. , 2012, , .		0
1485	3D GRASE arterial spin labelling reveals an inverse correlation of cortical perfusion with the white matter lesion volume in MS. Multiple Sclerosis Journal, 2012, 18, 1570-1576.	1.4	29
1486	Spatial bias in multi-atlas based segmentation. , 2012, 2012, 909-916.		10
1487	Directed Transform Function approach for functional network analysis in resting state fMRI data of Parkinson disease. , 2012, , .		1
1488	A computer aided detection system for cerebral microbleeds in brain MRI. , 2012, , .		17
1489	Individual differences in reading skill and language lateralisation: A cluster analysis. Laterality, 2012, 17, 225-251.	0.5	12
1490	Echoes of the Brain within the Posterior Cingulate Cortex. Journal of Neuroscience, 2012, 32, 215-222.	1.7	520
1491	Verbal learning and memory and their associations with brain morphology and illness course in schizophrenia spectrum psychoses. Journal of Clinical and Experimental Neuropsychology, 2012, 34, 698-713.	0.8	11
1492	White and grey matter abnormalities in patients with <i>SPG11</i> mutations. Journal of Neurology, Neurosurgery and Psychiatry, 2012, 83, 828-833.	0.9	41
1493	Brain Imaging for Diagnosis of Schizophrenia: Challenges, Successes and a Research Road Map. , 2012, , .		0
1494	Mental time travel and default-mode network functional connectivity in the developing brain. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 16800-16804.	3.3	102
1495	Connectivity-Based Subdivisions of the Human Right "Temporoparietal Junction Area": Evidence for Different Areas Participating in Different Cortical Networks. Cerebral Cortex, 2012, 22, 1894-1903.	1.6	452
1496	fMRI model diagnostics for the Double Gamma and temporal derivative. , 2012, , .		1
1497	Effects of limb immobilization on brain plasticity. Neurology, 2012, 78, 182-188.	1.5	174
1498	Identification of common variants associated with human hippocampal and intracranial volumes. Nature Genetics, 2012, 44, 552-561.	9.4	594
1499	Tract-based spatial statistics (TBSS): Application to detecting white matter tract variation in mild hypoxic-ischemic neonates. , 2012, 2012, 432-5.		6
1500	Bilateral redundancy gain and callosal integrity in a man with callosal lipoma: A diffusion-tensor imaging study. Neurocase, 2012, 18, 185-198.	0.2	2

#	ARTICLE	IF	CITATIONS
1501	Multiple DTI index analysis in normal aging, amnesic MCI and AD. Relationship with neuropsychological performance. <i>Neurobiology of Aging</i> , 2012, 33, 61-74.	1.5	241
1502	Ventral striatal volume is associated with cognitive decline in older people: a population based MR-study. <i>Neurobiology of Aging</i> , 2012, 33, 424.e1-424.e10.	1.5	26
1503	White matter tract integrity predicts visual search performance in young and older adults. <i>Neurobiology of Aging</i> , 2012, 33, 433.e21-433.e31.	1.5	51
1504	Structural MRI changes detectable up to ten years before clinical Alzheimer's disease. <i>Neurobiology of Aging</i> , 2012, 33, 825.e25-825.e36.	1.5	185
1505	Testing the white matter retrogenesis hypothesis of cognitive aging. <i>Neurobiology of Aging</i> , 2012, 33, 1699-1715.	1.5	139
1506	Executive functions and neurocognitive aging: dissociable patterns of brain activity. <i>Neurobiology of Aging</i> , 2012, 33, 826.e1-826.e13.	1.5	223
1507	White matter fractional anisotropy predicts balance performance in older adults. <i>Neurobiology of Aging</i> , 2012, 33, 1900-1912.	1.5	52
1508	Functional connectivity tracks clinical deterioration in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2012, 33, 828.e19-828.e30.	1.5	424
1509	White matter lesions and brain gray matter volume in cognitively normal elders. <i>Neurobiology of Aging</i> , 2012, 33, 834.e7-834.e16.	1.5	107
1510	Structural brain changes and cognition in relation to markers of vascular dysfunction. <i>Neurobiology of Aging</i> , 2012, 33, 1003.e9-1003.e17.	1.5	47
1511	A Network Diffusion Model of Disease Progression in Dementia. <i>Neuron</i> , 2012, 73, 1204-1215.	3.8	582
1512	Structural hemispheric asymmetries in the human precentral gyrus hand representation. <i>Neuroscience</i> , 2012, 210, 211-221.	1.1	28
1513	Individual differences in trait anxiety are associated with white matter tract integrity in the left temporal lobe in healthy males but not females. <i>Neuroscience</i> , 2012, 217, 77-83.	1.1	64
1514	Cerebral and muscle MRI abnormalities in myotonic dystrophy. <i>Neuromuscular Disorders</i> , 2012, 22, 483-491.	0.3	52
1515	Quantification of regional cerebral blood flow in rats using an arteriovenous shunt and micro-PET. <i>Nuclear Medicine and Biology</i> , 2012, 39, 730-741.	0.3	10
1516	Neural Tract Development of Infants Born to Methadone-Maintained Mothers. <i>Pediatric Neurology</i> , 2012, 47, 1-6.	1.0	91
1517	Corticostriatal Connectivity Underlies Individual Differences in the Balance between Habitual and Goal-Directed Action Control. <i>Journal of Neuroscience</i> , 2012, 32, 12066-12075.	1.7	343
1518	Are there Neurological Consequences of Recurrent Intradialytic Hypotension?. <i>Seminars in Dialysis</i> , 2012, 25, 253-256.	0.7	57

#	ARTICLE	IF	CITATIONS
1519	Abnormalities in Hippocampal Functioning with Persistent Pain. <i>Journal of Neuroscience</i> , 2012, 32, 5747-5756.	1.7	365
1520	Optic radiation injury in a patient with traumatic brain injury. <i>Brain Injury</i> , 2012, 26, 891-895.	0.6	12
1521	Characterizing dementia with Lewy bodies by means of diffusion tensor imaging. <i>Neurology</i> , 2012, 79, 906-914.	1.5	89
1522	Functional Covariance Networks: Obtaining Resting-State Networks from Intersubject Variability. <i>Brain Connectivity</i> , 2012, 2, 203-217.	0.8	40
1523	Power of food moderates food craving, perceived control, and brain networks following a short-term post-absorptive state in older adults. <i>Appetite</i> , 2012, 58, 806-813.	1.8	32
1524	Comparing gray and white matter fMRI activation using asymmetric spin echo spiral. <i>Journal of Neuroscience Methods</i> , 2012, 209, 351-356.	1.3	10
1525	Semantic processing in Spanish-English bilinguals with aphasia. <i>Journal of Neurolinguistics</i> , 2012, 25, 240-262.	0.5	18
1526	Automatic white matter lesion segmentation using an adaptive outlier detection method. <i>Magnetic Resonance Imaging</i> , 2012, 30, 807-823.	1.0	44
1527	The anatomical characteristics of superior longitudinal fasciculus I in human brain: Diffusion tensor tractography study. <i>Neuroscience Letters</i> , 2012, 506, 146-148.	1.0	34
1528	Corticoreticular pathway in the human brain: Diffusion tensor tractography study. <i>Neuroscience Letters</i> , 2012, 508, 9-12.	1.0	97
1529	White matter connectivity between superior temporal sulcus and amygdala is associated with autistic trait in healthy humans. <i>Neuroscience Letters</i> , 2012, 510, 154-158.	1.0	36
1530	Termination differences in the primary sensorimotor cortex between the medial lemniscus and spinothalamic pathways in the human brain. <i>Neuroscience Letters</i> , 2012, 516, 50-53.	1.0	8
1531	Curious monkeys have increased gray matter density in the precuneus. <i>Neuroscience Letters</i> , 2012, 518, 172-175.	1.0	5
1532	Usefulness of diffusion tensor imaging in patients who showed sustained unexplainable clinical symptom of torticollis. <i>Neuroscience Letters</i> , 2012, 522, 25-29.	1.0	1
1533	The neural connectivity of the inferior olivary nucleus in the human brain: A diffusion tensor tractography study. <i>Neuroscience Letters</i> , 2012, 523, 67-70.	1.0	10
1534	Anatomical location of the corticospinal tract according to somatotopies in the centrum semiovale. <i>Neuroscience Letters</i> , 2012, 523, 111-114.	1.0	19
1535	Diffusion tensor imaging reveals thalamus and posterior cingulate cortex abnormalities in internet gaming addicts. <i>Journal of Psychiatric Research</i> , 2012, 46, 1212-1216.	1.5	130
1536	Age-related white matter microstructural differences partly mediate age-related decline in processing speed but not cognition. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 408-415.	1.8	129

#	ARTICLE	IF	CITATIONS
1537	The association between aerobic fitness and executive function is mediated by prefrontal cortex volume. <i>Brain, Behavior, and Immunity</i> , 2012, 26, 811-819.	2.0	276
1538	Aerobic fitness relates to learning on a virtual Morris Water Task and hippocampal volume in adolescents. <i>Behavioural Brain Research</i> , 2012, 233, 517-525.	1.2	108
1539	A functional MRI study of motor dysfunction in Friedreich's ataxia. <i>Brain Research</i> , 2012, 1471, 138-154.	1.1	35
1540	Shared and Specific Independent Components Analysis for Between-Group Comparison. <i>Neural Computation</i> , 2012, 24, 3052-3090.	1.3	7
1541	The perirhinal cortex modulates V2 activity in response to the agreement between part familiarity and configuration familiarity. <i>Hippocampus</i> , 2012, 22, 1965-1977.	0.9	29
1542	Anatomical correlates of blepharospasm. <i>Translational Neurodegeneration</i> , 2012, 1, 12.	3.6	36
1543	Callosal White Matter Microstructural Recovery in Abstinent Alcoholics: A Longitudinal Diffusion Tensor Imaging Study. <i>Alcoholism: Clinical and Experimental Research</i> , 2012, 36, 1922-1931.	1.4	60
1544	Neural correlates of metacognitive monitoring during episodic and semantic retrieval. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2012, 12, 599-609.	1.0	28
1545	Characterizing a neurodegenerative syndrome: primary progressive apraxia of speech. <i>Brain</i> , 2012, 135, 1522-1536.	3.7	325
1546	Fast Eigenvector Centrality Mapping of Voxel-Wise Connectivity in Functional Magnetic Resonance Imaging: Implementation, Validation, and Interpretation. <i>Brain Connectivity</i> , 2012, 2, 265-274.	0.8	105
1547	Macrostructural Alterations of Subcortical Grey Matter in Psychogenic Erectile Dysfunction. <i>PLoS ONE</i> , 2012, 7, e39118.	1.1	38
1548	White Matter Structure Changes as Adults Learn a Second Language. <i>Journal of Cognitive Neuroscience</i> , 2012, 24, 1664-1670.	1.1	243
1549	Homotopic language reorganization in the right hemisphere after early left hemisphere injury. <i>Brain and Language</i> , 2012, 123, 1-10.	0.8	26
1550	Re-establishing Broca's initial findings. <i>Brain and Language</i> , 2012, 123, 125-130.	0.8	59
1551	Frontal White Matter Integrity Predictors of Adult Alcohol Treatment Outcome. <i>Biological Psychiatry</i> , 2012, 71, 262-268.	0.7	60
1552	Potentiated Amygdala Response to Repeated Emotional Pictures in Borderline Personality Disorder. <i>Biological Psychiatry</i> , 2012, 72, 448-456.	0.7	155
1553	Altered Development of the Dorsolateral Prefrontal Cortex in Chromosome 22q11.2 Deletion Syndrome: An In Vivo Proton Spectroscopy Study. <i>Biological Psychiatry</i> , 2012, 72, 684-691.	0.7	17
1554	Disruption of Visuospatial and Somatosensory Functional Connectivity in Anorexia Nervosa. <i>Biological Psychiatry</i> , 2012, 72, 864-870.	0.7	136

#	ARTICLE	IF	CITATIONS
1555	Effect of the Interleukin-1 β Gene on Dorsolateral Prefrontal Cortex Function in Schizophrenia: A Genetic Neuroimaging Study. <i>Biological Psychiatry</i> , 2012, 72, 758-765.	0.7	28
1556	Diffusion Tensor Imaging in Young Children with Autism: Biological Effects and Potential Confounds. <i>Biological Psychiatry</i> , 2012, 72, 1043-1051.	0.7	82
1557	Sex differences in white matter development during adolescence: A DTI study. <i>Brain Research</i> , 2012, 1478, 1-15.	1.1	93
1558	Relationships between functional and structural corticospinal tract integrity and walking post stroke. <i>Clinical Neurophysiology</i> , 2012, 123, 2422-2428.	0.7	69
1559	Practice effects in the developing brain: A pilot study. <i>Developmental Cognitive Neuroscience</i> , 2012, 2, S180-S191.	1.9	33
1560	Prefrontal and limbic resting state brain network functional connectivity differs between nicotine-dependent smokers and non-smoking controls. <i>Drug and Alcohol Dependence</i> , 2012, 125, 252-259.	1.6	110
1561	The relationship between inflammatory activity and brain atrophy in natalizumab treated patients. <i>European Journal of Radiology</i> , 2012, 81, 3485-3490.	1.2	21
1562	Meditation training increases brain efficiency in an attention task. <i>NeuroImage</i> , 2012, 59, 745-749.	2.1	175
1563	Inter-individual variation in blood pressure is associated with regional white matter integrity in generally healthy older adults. <i>NeuroImage</i> , 2012, 59, 181-192.	2.1	95
1564	Iterative multi-atlas-based multi-image segmentation with tree-based registration. <i>NeuroImage</i> , 2012, 59, 422-430.	2.1	119
1565	Fast high-resolution brain imaging with balanced SSFP: Interpretation of quantitative magnetization transfer towards simple MTR. <i>NeuroImage</i> , 2012, 59, 202-211.	2.1	12
1566	White matter integrity and five-factor personality measures in healthy adults. <i>NeuroImage</i> , 2012, 59, 800-807.	2.1	143
1567	Lasting effects of chronic fluoxetine treatment on the late developing rat brain: Age-dependent changes in the serotonergic neurotransmitter system assessed by pharmacological MRI. <i>NeuroImage</i> , 2012, 59, 218-226.	2.1	31
1568	Learning to play a melody: An fMRI study examining the formation of auditory-motor associations. <i>NeuroImage</i> , 2012, 59, 1200-1208.	2.1	91
1569	PHYCAA: Data-driven measurement and removal of physiological noise in BOLD fMRI. <i>NeuroImage</i> , 2012, 59, 1299-1314.	2.1	26
1570	Susceptibility induced grayâ€“white matter MRI contrast in the human brain. <i>NeuroImage</i> , 2012, 59, 1413-1419.	2.1	113
1571	Deficient MWF mapping in multiple sclerosis using 3D whole-brain multi-component relaxation MRI. <i>NeuroImage</i> , 2012, 59, 2670-2677.	2.1	71
1572	Stability of resting fMRI interregional correlations analyzed in subject-native space: A one-year longitudinal study in healthy adults and premanifest Huntington's disease. <i>NeuroImage</i> , 2012, 59, 2452-2463.	2.1	44

#	ARTICLE	IF	CITATIONS
1573	Investigating brain connectivity using mixed effects vector autoregressive models. <i>NeuroImage</i> , 2012, 59, 3347-3355.	2.1	27
1574	BEaST: Brain extraction based on nonlocal segmentation technique. <i>NeuroImage</i> , 2012, 59, 2362-2373.	2.1	507
1575	FSL. <i>NeuroImage</i> , 2012, 62, 782-790.	2.1	8,804
1576	Diffusion tractography of post-mortem human brains: Optimization and comparison of spin echo and steady-state free precession techniques. <i>NeuroImage</i> , 2012, 59, 2284-2297.	2.1	70
1577	White matter integrity deficits in prefrontalâ€“amygdala pathways in Williams syndrome. <i>NeuroImage</i> , 2012, 59, 887-894.	2.1	23
1578	Fornix damage limits verbal memory functional compensation in multiple sclerosis. <i>NeuroImage</i> , 2012, 59, 2932-2940.	2.1	43
1579	Don't look back in anger: Neural correlates of reappraisal, analytical rumination, and angry rumination during recall of an anger-inducing autobiographical memory. <i>NeuroImage</i> , 2012, 59, 2974-2981.	2.1	79
1580	Altered resting state complexity in schizophrenia. <i>NeuroImage</i> , 2012, 59, 2196-2207.	2.1	369
1581	Diffuse and spatially variable white matter disruptions are associated with blast-related mild traumatic brain injury. <i>NeuroImage</i> , 2012, 59, 2017-2024.	2.1	162
1582	Retinotopic maps and hemodynamic delays in the human visual cortex measured using arterial spin labeling. <i>NeuroImage</i> , 2012, 59, 4044-4054.	2.1	20
1583	The contribution of myelin to magnetic susceptibility-weighted contrasts in high-field MRI of the brain. <i>NeuroImage</i> , 2012, 59, 3967-3975.	2.1	186
1584	Functional organization of the left inferior precentral sulcus: Dissociating the inferior frontal eye field and the inferior frontal junction. <i>NeuroImage</i> , 2012, 59, 3829-3837.	2.1	50
1585	Age-related adaptations of brain function during a memory task are also present at rest. <i>NeuroImage</i> , 2012, 59, 3821-3828.	2.1	37
1586	Myelin water imaging reflects clinical variability in multiple sclerosis. <i>NeuroImage</i> , 2012, 60, 263-270.	2.1	110
1587	The functional connectivity of the human caudate: An application of meta-analytic connectivity modeling with behavioral filtering. <i>NeuroImage</i> , 2012, 60, 117-129.	2.1	222
1588	Quantitative measurement of cerebral physiology using respiratory-calibrated MRI. <i>NeuroImage</i> , 2012, 60, 582-591.	2.1	189
1589	Support vector machine classification and characterization of age-related reorganization of functional brain networks. <i>NeuroImage</i> , 2012, 60, 601-613.	2.1	160
1590	Task-driven ICA feature generation for accurate and interpretable prediction using fMRI. <i>NeuroImage</i> , 2012, 60, 189-203.	2.1	34

#	ARTICLE	IF	CITATIONS
1591	Left hemisphere plasticity and aphasia recovery. <i>NeuroImage</i> , 2012, 60, 854-863.	2.1	169
1592	A comprehensive reliability assessment of quantitative diffusion tensor tractography. <i>NeuroImage</i> , 2012, 60, 1127-1138.	2.1	121
1593	Ball and rackets: Inferring fiber fanning from diffusion-weighted MRI. <i>NeuroImage</i> , 2012, 60, 1412-1425.	2.1	142
1594	Nonlinear denoising and analysis of neuroimages with kernel principal component analysis and pre-image estimation. <i>NeuroImage</i> , 2012, 60, 1807-1818.	2.1	24
1595	Measuring longitudinal change in the hippocampal formation from in vivo high-resolution T2-weighted MRI. <i>NeuroImage</i> , 2012, 60, 1266-1279.	2.1	35
1596	Gradient Echo Plural Contrast Imaging – Signal model and derived contrasts: T2*, T1, Phase, SWI, T1f, FST2* and T2*-SWI. <i>NeuroImage</i> , 2012, 60, 1073-1082.	2.1	50
1597	Distinct functional networks within the cerebellum and their relation to cortical systems assessed with independent component analysis. <i>NeuroImage</i> , 2012, 60, 2073-2085.	2.1	64
1598	Physiological denoising of BOLD fMRI data using Regressor Interpolation at Progressive Time Delays (RIPTiDe) processing of concurrent fMRI and near-infrared spectroscopy (NIRS). <i>NeuroImage</i> , 2012, 60, 1913-1923.	2.1	64
1599	Inferring consistent functional interaction patterns from natural stimulus FMRI data. <i>NeuroImage</i> , 2012, 61, 987-999.	2.1	32
1600	Modelling with independent components. <i>NeuroImage</i> , 2012, 62, 891-901.	2.1	199
1601	Diminished performance on neuropsychological testing in late life depression is correlated with microstructural white matter abnormalities. <i>NeuroImage</i> , 2012, 60, 2182-2190.	2.1	60
1602	Effects of image distortions originating from susceptibility variations and concomitant fields on diffusion MRI tractography results. <i>NeuroImage</i> , 2012, 61, 275-288.	2.1	195
1603	Visual analytics of brain networks. <i>NeuroImage</i> , 2012, 61, 82-97.	2.1	31
1604	Task-related BOLD responses and resting-state functional connectivity during physiological clamping of end-tidal CO ₂ . <i>NeuroImage</i> , 2012, 61, 41-49.	2.1	22
1605	A multi-modal investigation of behavioral adjustment: Post-error slowing is associated with white matter characteristics. <i>NeuroImage</i> , 2012, 61, 195-205.	2.1	14
1606	Concurrent fNIRS and fMRI processing allows independent visualization of the propagation of pressure waves and bulk blood flow in the cerebral vasculature. <i>NeuroImage</i> , 2012, 61, 1419-1427.	2.1	64
1607	Age-specific CT and MRI templates for spatial normalization. <i>NeuroImage</i> , 2012, 61, 957-965.	2.1	569
1608	Linking white matter integrity loss to associated cortical regions using structural connectivity information in Alzheimer's disease and fronto-temporal dementia: The Loss in Connectivity (LoCo) score. <i>NeuroImage</i> , 2012, 61, 1311-1323.	2.1	26

#	ARTICLE	IF	CITATIONS
1609	Being right is its own reward: Load and performance related ventral striatum activation to correct responses during a working memory task in youth. <i>NeuroImage</i> , 2012, 61, 723-729.	2.1	126
1610	Brain white matter organisation in adolescence is related to childhood cerebral responses to facial expressions and harm avoidance. <i>NeuroImage</i> , 2012, 61, 1394-1401.	2.1	34
1611	Optimizing parameter choice for FSL-Brain Extraction Tool (BET) on 3D T1 images in multiple sclerosis. <i>NeuroImage</i> , 2012, 61, 1484-1494.	2.1	145
1612	Neuroimaging differences between older adults with maintained versus declining cognition over a 10-year period. <i>NeuroImage</i> , 2012, 62, 307-313.	2.1	55
1613	Mapping magnetic susceptibility anisotropies of white matter in vivo in the human brain at 7T. <i>NeuroImage</i> , 2012, 62, 314-330.	2.1	92
1614	Quantitative susceptibility mapping (QSM) as a means to measure brain iron? A post mortem validation study. <i>NeuroImage</i> , 2012, 62, 1593-1599.	2.1	615
1615	Spatiotemporal activity estimation for multivoxel pattern analysis with rapid event-related designs. <i>NeuroImage</i> , 2012, 62, 1429-1438.	2.1	77
1616	Ultra-high resolution diffusion tensor imaging of the microscopic pathways of the medial temporal lobe. <i>NeuroImage</i> , 2012, 62, 2065-2082.	2.1	65
1617	Grammar learning in older adults is linked to white matter microstructure and functional connectivity. <i>NeuroImage</i> , 2012, 62, 1667-1674.	2.1	38
1618	Magnetic resonance imaging of the newborn brain: Manual segmentation of labelled atlases in term-born and preterm infants. <i>NeuroImage</i> , 2012, 62, 1499-1509.	2.1	175
1619	Anatomically-constrained tractography: Improved diffusion MRI streamlines tractography through effective use of anatomical information. <i>NeuroImage</i> , 2012, 62, 1924-1938.	2.1	897
1620	Anti-correlated networks, global signal regression, and the effects of caffeine in resting-state functional MRI. <i>NeuroImage</i> , 2012, 63, 356-364.	2.1	130
1621	Benefits of multi-modal fusion analysis on a large-scale dataset: Life-span patterns of inter-subject variability in cortical morphometry and white matter microstructure. <i>NeuroImage</i> , 2012, 63, 365-380.	2.1	137
1622	Localization of dense intracranial electrode arrays using magnetic resonance imaging. <i>NeuroImage</i> , 2012, 63, 157-165.	2.1	109
1623	Development of BOLD signal hemodynamic responses in the human brain. <i>NeuroImage</i> , 2012, 63, 663-673.	2.1	172
1624	A robust method for investigating thalamic white matter tracts after traumatic brain injury. <i>NeuroImage</i> , 2012, 63, 779-788.	2.1	40
1625	Enhanced functional networks in absolute pitch. <i>NeuroImage</i> , 2012, 63, 632-640.	2.1	67
1626	Regional changes in thalamic shape and volume with increasing age. <i>NeuroImage</i> , 2012, 63, 1134-1142.	2.1	100

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1627	Functional MRI-guided probabilistic tractography of cortico-cortical and cortico-subcortical language networks in children. <i>NeuroImage</i> , 2012, 63, 1561-1570.	2.1	17
1628	A quantitative method for correlating observations of decreased apparent diffusion coefficient with elevated cerebral blood perfusion in newborns presenting cerebral ischemic insults. <i>NeuroImage</i> , 2012, 63, 1510-1518.	2.1	35
1629	Network-specific effects of age and in-scanner subject motion: A resting-state fMRI study of 238 healthy adults. <i>NeuroImage</i> , 2012, 63, 1364-1373.	2.1	134
1630	Deep brain stimulation induces BOLD activation in motor and non-motor networks: An fMRI comparison study of STN and EN/GPi DBS in large animals. <i>NeuroImage</i> , 2012, 63, 1408-1420.	2.1	98
1631	Nonparametric inference of the hemodynamic response using multi-subject fMRI data. <i>NeuroImage</i> , 2012, 63, 1754-1765.	2.1	14
1632	Finding thalamic BOLD correlates to posterior alpha EEG. <i>NeuroImage</i> , 2012, 63, 1060-1069.	2.1	92
1633	White matter integrity of the descending pain modulatory system is associated with interindividual differences in placebo analgesia. <i>Pain</i> , 2012, 153, 2210-2217.	2.0	105
1634	Cervical spinal cord injection of epidural corticosteroids: Comprehensive longitudinal study including multiparametric magnetic resonance imaging. <i>Pain</i> , 2012, 153, 2292-2299.	2.0	20
1635	Altered age-related trajectories of amygdala-prefrontal circuitry in adolescents at clinical high risk for psychosis: A preliminary study. <i>Schizophrenia Research</i> , 2012, 134, 1-9.	1.1	70
1636	White matter integrity, language, and childhood onset schizophrenia. <i>Schizophrenia Research</i> , 2012, 138, 150-156.	1.1	29
1637	Whole brain resting state functional connectivity abnormalities in schizophrenia. <i>Schizophrenia Research</i> , 2012, 139, 7-12.	1.1	127
1638	Altered default network resting state functional connectivity in patients with a first episode of psychosis. <i>Schizophrenia Research</i> , 2012, 139, 13-18.	1.1	56
1639	Association between white matter fiber integrity and subclinical psychotic symptoms in schizophrenia patients and unaffected relatives. <i>Schizophrenia Research</i> , 2012, 140, 129-135.	1.1	56
1640	Alexithymia and reduced white matter integrity in schizophrenia: A diffusion tensor imaging study on impaired emotional self-awareness. <i>Schizophrenia Research</i> , 2012, 141, 137-143.	1.1	43
1641	A correlation-matrix-based hierarchical clustering method for functional connectivity analysis. <i>Journal of Neuroscience Methods</i> , 2012, 211, 94-102.	1.3	72
1642	How ignoring physiological noise can bias the conclusions from fMRI simulation results. <i>Journal of Neuroscience Methods</i> , 2012, 211, 125-132.	1.3	11
1643	3D Slicer as an image computing platform for the Quantitative Imaging Network. <i>Magnetic Resonance Imaging</i> , 2012, 30, 1323-1341.	1.0	5,126
1644	Anatomical substrates of cognitive and clinical dimensions in first episode schizophrenia. <i>Acta Psychiatrica Scandinavica</i> , 2012, 128, n/a-n/a.	2.2	28

#	ARTICLE	IF	CITATIONS
1645	Acquired prosopagnosia with spared within-class object recognition but impaired recognition of degraded basic-level objects. <i>Cognitive Neuropsychology</i> , 2012, 29, 325-347.	0.4	45
1646	Diffusion MRI of the neonate brain: acquisition, processing and analysis techniques. <i>Pediatric Radiology</i> , 2012, 42, 1169-1182.	1.1	48
1647	A multi-modal approach to computer-assisted deep brain stimulation trajectory planning. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2012, 7, 687-704.	1.7	71
1648	Development of PowerMap: a Software Package for Statistical Power Calculation in Neuroimaging Studies. <i>Neuroinformatics</i> , 2012, 10, 351-365.	1.5	29
1649	The Pattern and Pace of Hyperacute Hemorrhage Expansion. <i>Neurocritical Care</i> , 2012, 17, 250-254.	1.2	14
1650	Language and reading skills in school-aged children and adolescents born preterm are associated with white matter properties on diffusion tensor imaging. <i>Neuropsychologia</i> , 2012, 50, 3348-3362.	0.7	76
1651	Cortical thinning in amphetamine-type stimulant users. <i>Neuroscience</i> , 2012, 221, 182-192.	1.1	32
1652	The PREP algorithm predicts potential for upper limb recovery after stroke. <i>Brain</i> , 2012, 135, 2527-2535.	3.7	446
1653	Functional Expansion of Sensorimotor Representation and Structural Reorganization of Callosal Connections in Lower Limb Amputees. <i>Journal of Neuroscience</i> , 2012, 32, 3211-3220.	1.7	111
1654	Surprise and Error: Common Neuronal Architecture for the Processing of Errors and Novelty. <i>Journal of Neuroscience</i> , 2012, 32, 7528-7537.	1.7	220
1655	Prognostic Value of Diffusion Tensor Imaging Parameters in Severe Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2012, 29, 1292-1305.	1.7	54
1656	Interaction of cortical networks mediating object motion detection by moving observers. <i>Experimental Brain Research</i> , 2012, 221, 177-189.	0.7	19
1657	Lower brain diffusivity in postpartum period compared to late pregnancy: results from a prospective imaging study of multiple sclerosis patients. <i>Neuroradiology</i> , 2012, 54, 823-828.	1.1	9
1658	White matter connectivity in children with autism spectrum disorders: a tract-based spatial statistics study. <i>BMC Neurology</i> , 2012, 12, 148.	0.8	95
1659	Neural mechanisms of subclinical depressive symptoms in women: a pilot functional brain imaging study. <i>BMC Psychiatry</i> , 2012, 12, 152.	1.1	14
1660	Correlating brain blood oxygenation level dependent (BOLD) fractal dimension mapping with magnetic resonance spectroscopy (MRS) in Alzheimer's disease. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2012, 25, 335-344.	1.1	17
1661	Lidocaine Patch (5%) is No More Potent than Placebo in Treating Chronic Back Pain When Tested in a Randomised Double Blind Placebo Controlled Brain Imaging Study. <i>Molecular Pain</i> , 2012, 8, 1744-8069-8-29.	1.0	33
1662	White Matter Correlates of Neuropsychological Dysfunction in Systemic Lupus Erythematosus. <i>PLoS ONE</i> , 2012, 7, e28373.	1.1	34

#	ARTICLE	IF	CITATIONS
1663	Comprehensive in vivo Mapping of the Human Basal Ganglia and Thalamic Connectome in Individuals Using 7T MRI. PLoS ONE, 2012, 7, e29153.	1.1	159
1664	An Analysis Approach for High-Field fMRI Data from Awake Non-Human Primates. PLoS ONE, 2012, 7, e29697.	1.1	8
1665	Brain Viscoelasticity Alteration in Chronic-Progressive Multiple Sclerosis. PLoS ONE, 2012, 7, e29888.	1.1	195
1666	Monitoring the Mind: The Neurocognitive Correlates of Metamemory. PLoS ONE, 2012, 7, e30009.	1.1	41
1667	The Parametric, Psychological, Neuropsychological, and Neuroanatomical Properties of Self and World Evaluation. PLoS ONE, 2012, 7, e31509.	1.1	3
1668	[11C]flumazenil Binding Is Increased in a Dose-Dependent Manner with Tiagabine-Induced Elevations in GABA Levels. PLoS ONE, 2012, 7, e32443.	1.1	37
1669	Local Signal Time-Series during Rest Used for Areal Boundary Mapping in Individual Human Brains. PLoS ONE, 2012, 7, e36496.	1.1	25
1670	Inter-Subject Correlation in fMRI: Method Validation against Stimulus-Model Based Analysis. PLoS ONE, 2012, 8, e41196.	1.1	74
1671	Tracking Moving Identities: After Attending the Right Location, the Identity Does Not Come for Free. PLoS ONE, 2012, 7, e42929.	1.1	9
1672	Increased Cortical-Limbic Anatomical Network Connectivity in Major Depression Revealed by Diffusion Tensor Imaging. PLoS ONE, 2012, 7, e45972.	1.1	86
1673	Preserved Self-Awareness following Extensive Bilateral Brain Damage to the Insula, Anterior Cingulate, and Medial Prefrontal Cortices. PLoS ONE, 2012, 7, e38413.	1.1	101
1674	Anatomical Substrates of the Alerting, Orienting and Executive Control Components of Attention: Focus on the Posterior Parietal Lobe. PLoS ONE, 2012, 7, e50590.	1.1	48
1675	How Expert Advice Influences Decision Making. PLoS ONE, 2012, 7, e49748.	1.1	54
1676	Resting-State Connectivity of the Sustained Attention Network Correlates with Disease Duration in Idiopathic Generalized Epilepsy. PLoS ONE, 2012, 7, e50359.	1.1	23
1677	Kinematic and Diffusion Tensor Imaging Definition of Familial Marcus Gunn Jaw-Winking Synkinesis. PLoS ONE, 2012, 7, e51749.	1.1	18
1678	Differential Grey Matter Changes in Sensorimotor Cortex Related to Exceptional Fine Motor Skills. PLoS ONE, 2012, 7, e51900.	1.1	3
1679	Intrinsic Brain Network Abnormalities in Migraines without Aura Revealed in Resting-State fMRI. PLoS ONE, 2012, 7, e52927.	1.1	165
1680	Detection of hemorrhagic and axonal pathology in mild traumatic brain injury using advanced MRI: Implications for neurorehabilitation. NeuroRehabilitation, 2012, 31, 261-279.	0.5	65

#	ARTICLE	IF	CITATIONS
1681	Age-Related Frontal Hyperactivation Observed across Different Working Memory Tasks: An fMRI Study. <i>Behavioural Neurology</i> , 2012, 25, 351-361.	1.1	14
1682	Structural Brain Atlases: Design, Rationale, and Applications in Normal and Pathological Cohorts. <i>Journal of Alzheimer's Disease</i> , 2012, 31, S169-S188.	1.2	65
1683	Disrupted Functional Connectivity of the Pain Network in Fibromyalgia. <i>Psychosomatic Medicine</i> , 2012, 74, 55-62.	1.3	166
1684	Significance of rehabilitative management during the critical period for motor recovery in intracerebral hemorrhage: A case report. <i>Journal of Rehabilitation Medicine</i> , 2012, 44, 280-284.	0.8	12
1685	Ipsilateral motor pathway without contralateral motor pathway in a stroke patient. <i>NeuroRehabilitation</i> , 2012, 30, 303-306.	0.5	10
1686	Changes in white matter integrity follow excitatory rTMS treatment of post-stroke aphasia. <i>Restorative Neurology and Neuroscience</i> , 2012, 30, 103-113.	0.4	57
1687	Edge Detection from MRI and DTI Images with an Anisotropic Vector Field Flow Using a Divergence Map. <i>Algorithms</i> , 2012, 5, 636-653.	1.2	3
1688	Coping with brief periods of food restriction: mindfulness matters. <i>Frontiers in Aging Neuroscience</i> , 2012, 4, 13.	1.7	18
1689	The Claustrum and Insula in <i>Microcebus murinus</i> : A High Resolution Diffusion Imaging Study. <i>Frontiers in Neuroanatomy</i> , 2012, 6, 21.	0.9	37
1690	Neural mechanisms underlying the induction and relief of perceptual curiosity. <i>Frontiers in Behavioral Neuroscience</i> , 2012, 6, 5.	1.0	159
1691	The effects of the serotonin transporter polymorphism and age on frontal white matter integrity in healthy adult women. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 19.	1.0	15
1692	Effects of Meditation Experience on Functional Connectivity of Distributed Brain Networks. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 38.	1.0	256
1693	Longitudinal diffusion tensor imaging and neuropsychological correlates in traumatic brain injury patients. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 160.	1.0	95
1694	Naturalistic fMRI Mapping Reveals Superior Temporal Sulcus as the Hub for the Distributed Brain Network for Social Perception. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 233.	1.0	306
1695	Error Awareness and Salience Processing in the Oddball Task: Shared Neural Mechanisms. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 246.	1.0	67
1696	Medial temporal lobe-dependent repetition suppression and enhancement due to implicit vs. explicit processing of individual repeated search displays. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 272.	1.0	38
1697	Structural correlates of skilled performance on a motor sequence task. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 289.	1.0	55
1698	Fully exploratory network independent component analysis of the 1000 functional connectomes database. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 301.	1.0	55

#	ARTICLE	IF	CITATIONS
1699	Bromocriptine Does Not Alter Speedâ€“Accuracy Tradeoff. <i>Frontiers in Neuroscience</i> , 2012, 6, 126.	1.4	25
1700	Automated diagnoses of attention deficit hyperactive disorder using magnetic resonance imaging. <i>Frontiers in Systems Neuroscience</i> , 2012, 6, 61.	1.2	96
1701	ADHD classification by a texture analysis of anatomical brain MRI data. <i>Frontiers in Systems Neuroscience</i> , 2012, 6, 66.	1.2	66
1702	Network, Anatomical, and Non-Imaging Measures for the Prediction of ADHD Diagnosis in Individual Subjects. <i>Frontiers in Systems Neuroscience</i> , 2012, 6, 78.	1.2	50
1703	Grey Matter and Cognitive Patterns in Cognitive Impaired Subjects Using CSF Biomarker Cut-Offs. <i>Journal of Alzheimer's Disease</i> , 2012, 29, 741-749.	1.2	1
1704	Fractional anisotropy helps predicts memory rehabilitation outcome after traumatic brain injury. <i>NeuroRehabilitation</i> , 2012, 31, 295-310.	0.5	22
1705	Automated Segmentation and Morphometry of Cell and Tissue Structures. <i>Selected Algorithms in ImageJ</i> , 0, , .		15
1706	Effect of Subanesthetic Ketamine on Intrinsic Functional Brain Connectivity. <i>Anesthesiology</i> , 2012, 117, 868-877.	1.3	123
1707	Striatal Volume Increases in Active Methamphetamine-Dependent Individuals and Correlation with Cognitive Performance. <i>Brain Sciences</i> , 2012, 2, 553-572.	1.1	45
1708	The Use of Pharmacological-challenge fMRI in Pre-clinical Research: Application to the 5-HT System. <i>Journal of Visualized Experiments</i> , 2012, , .	0.2	7
1709	MITK Diffusion Imaging. <i>Methods of Information in Medicine</i> , 2012, 51, 441-448.	0.7	71
1710	Modeling center-surround configurations in population receptive fields using fMRI. <i>Journal of Vision</i> , 2012, 12, 10-10.	0.1	105
1711	Prolonged Maturation Culture Favors a Reduction in the Tumorigenicity and the Dopaminergic Function of Human ESCâ€“Derived Neural Cells in a Primate Model of Parkinson's Disease. <i>Stem Cells</i> , 2012, 30, 935-945.	1.4	155
1712	Functional connectivity in cortical regions in dementia with Lewy bodies and Alzheimer's disease. <i>Brain</i> , 2012, 135, 569-581.	3.7	99
1713	Altered cerebral blood flow and neurocognitive correlates in adolescent cannabis users. <i>Psychopharmacology</i> , 2012, 222, 675-684.	1.5	65
1714	Brain correlates of musical and facial emotion recognition: Evidence from the dementias. <i>Neuropsychologia</i> , 2012, 50, 1814-1822.	0.7	117
1715	White matter abnormalities and illness severity in major depressive disorder. <i>British Journal of Psychiatry</i> , 2012, 201, 33-39.	1.7	126
1716	A spatiotemporal analysis of gait freezing and the impact of pedunclopontine nucleus stimulation. <i>Brain</i> , 2012, 135, 1446-1454.	3.7	129

#	ARTICLE	IF	CITATIONS
1717	Former Hand Territory Activity Increases After Amputation During Intact Hand Movements, but Is Unaffected by Illusory Visual Feedback. <i>Neurorehabilitation and Neural Repair</i> , 2012, 26, 604-615.	1.4	38
1718	Automated quantification of white matter disease extent at 3 T: Comparison with volumetric readings. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 36, 305-311.	1.9	20
1719	Reproducibility of single-subject fMRI language mapping with AMPLE normalization. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 36, 569-580.	1.9	33
1720	Blipped-controlled aliasing in parallel imaging for simultaneous multislice echo planar imaging with reduced <i>g</i> -factor penalty. <i>Magnetic Resonance in Medicine</i> , 2012, 67, 1210-1224.	1.9	1,144
1721	A conformal transceive array for 7 T neuroimaging. <i>Magnetic Resonance in Medicine</i> , 2012, 67, 1487-1496.	1.9	51
1722	Feasibility of in vivo myelin water imaging using 3D multigradient-echo pulse sequences. <i>Magnetic Resonance in Medicine</i> , 2012, 68, 523-528.	1.9	50
1723	Quantitative ³¹ P magnetic resonance spectroscopy of the human breast at 7 T. <i>Magnetic Resonance in Medicine</i> , 2012, 68, 339-348.	1.9	45
1724	3D FLAIRE: 3D fluid attenuated inversion recovery for enhanced detection of lesions in multiple sclerosis. <i>Magnetic Resonance in Medicine</i> , 2012, 68, 874-881.	1.9	25
1725	CEST phase mapping using a length and offset varied saturation (LOVARS) scheme. <i>Magnetic Resonance in Medicine</i> , 2012, 68, 1074-1086.	1.9	51
1726	Reference-free unwarping of EPI data using dynamic off-resonance correction with multiecho acquisition (DOCMA). <i>Magnetic Resonance in Medicine</i> , 2012, 68, 1247-1254.	1.9	32
1727	In vivo waveguide elastography of white matter tracts in the human brain. <i>Magnetic Resonance in Medicine</i> , 2012, 68, 1410-1422.	1.9	110
1728	Model-based analysis of multishell diffusion MR data for tractography: How to get over fitting problems. <i>Magnetic Resonance in Medicine</i> , 2012, 68, 1846-1855.	1.9	336
1729	White matter integrity and behavioral activation in healthy subjects. <i>Human Brain Mapping</i> , 2012, 33, 994-1002.	1.9	25
1730	Resting-state networks in awake five- to eight-year old children. <i>Human Brain Mapping</i> , 2012, 33, 1189-1201.	1.9	131
1731	Normal sexual dimorphism in the human basal ganglia. <i>Human Brain Mapping</i> , 2012, 33, 1246-1252.	1.9	68
1732	Disruption of limbic white matter pathways in mild cognitive impairment and Alzheimer's disease: A DTI/FDG-PET Study. <i>Human Brain Mapping</i> , 2012, 33, 1792-1802.	1.9	77
1733	Evidence for intact local connectivity but disrupted regional function in the occipital lobe in children and adolescents with schizophrenia. <i>Human Brain Mapping</i> , 2012, 33, 1803-1811.	1.9	13
1734	Probabilistic tractography recovers a rostrocaudal trajectory of connectivity variability in the human insular cortex. <i>Human Brain Mapping</i> , 2012, 33, 2005-2034.	1.9	255

#	ARTICLE	IF	CITATIONS
1735	Diffusion tensor imaging of the optic radiations after optic neuritis. <i>Human Brain Mapping</i> , 2012, 33, 2047-2061.	1.9	44
1736	Memory training impacts short-term changes in aging white matter: A Longitudinal Diffusion Tensor Imaging Study. <i>Human Brain Mapping</i> , 2012, 33, 2390-2406.	1.9	228
1737	What's the story? The tale of reading fluency told at speed. <i>Human Brain Mapping</i> , 2012, 33, 2572-2585.	1.9	32
1738	Late effects of high-dose adjuvant chemotherapy on white and gray matter in breast cancer survivors: Converging results from multimodal magnetic resonance imaging. <i>Human Brain Mapping</i> , 2012, 33, 2971-2983.	1.9	218
1739	Considering the role of semantic memory in episodic future thinking: evidence from semantic dementia. <i>Brain</i> , 2012, 135, 2178-2191.	3.7	362
1740	Optic radiation tractography and vision in anterior temporal lobe resection. <i>Annals of Neurology</i> , 2012, 71, 334-341.	2.8	85
1741	Assembling models of embryo development: Image analysis and the construction of digital atlases. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , 2012, 96, 109-120.	3.6	5
1742	Liver functional magnetic resonance imaging analysis using a latent variables approach. <i>Journal of Chemometrics</i> , 2012, 26, 170-179.	0.7	1
1743	A mechanism for value-guided choice based on the excitation-inhibition balance in prefrontal cortex. <i>Nature Neuroscience</i> , 2012, 15, 960-961.	7.1	156
1744	Long-term Cognitive and Behavioral Therapies, Combined with Augmentative Communication, are Related to Uncinate Fasciculus Integrity in Autism. <i>Journal of Autism and Developmental Disorders</i> , 2012, 42, 585-592.	1.7	39
1745	Robust detection of traumatic axonal injury in individual mild traumatic brain injury patients: Intersubject variation, change over time and bidirectional changes in anisotropy. <i>Brain Imaging and Behavior</i> , 2012, 6, 329-342.	1.1	145
1746	Graphical Model Based Multivariate Analysis (GAMMA): An Open-Source, Cross-Platform Neuroimaging Data Analysis Software Package. <i>Neuroinformatics</i> , 2012, 10, 119-127.	1.5	7
1747	Individual Functional ROI Optimization Via Maximization of Group-Wise Consistency of Structural and Functional Profiles. <i>Neuroinformatics</i> , 2012, 10, 225-242.	1.5	31
1748	A Novel Group ICA Approach Based on Multi-scale Individual Component Clustering. Application to a Large Sample of fMRI Data. <i>Neuroinformatics</i> , 2012, 10, 269-285.	1.5	17
1749	Cigarette smoking and white matter microstructure. <i>Psychopharmacology</i> , 2012, 221, 285-295.	1.5	82
1750	μ -Opioid receptor availability in the amygdala is associated with smoking for negative affect relief. <i>Psychopharmacology</i> , 2012, 222, 701-708.	1.5	11
1751	Tractography of the corticospinal tracts in infants with focal perinatal injury: comparison with normal controls and to motor development. <i>Neuroradiology</i> , 2012, 54, 507-516.	1.1	43
1752	In vivo evaluation of white matter pathology in patients of progressive supranuclear palsy using TBSS. <i>Neuroradiology</i> , 2012, 54, 771-780.	1.1	32

#	ARTICLE	IF	CITATIONS
1753	Short-term stability of T 1 and T 2 relaxation measures in multiple sclerosis normal appearing white matter. <i>Journal of Neurology</i> , 2012, 259, 1151-1158.	1.8	15
1754	Statistical testing in electrophysiological studies. <i>Psychophysiology</i> , 2012, 49, 549-565.	1.2	186
1755	White matter microstructure in opiate addiction. <i>Addiction Biology</i> , 2012, 17, 141-148.	1.4	114
1756	Short-term antidepressant administration reduces negative self-referential processing in the medial prefrontal cortex in subjects at risk for depression. <i>Molecular Psychiatry</i> , 2012, 17, 503-510.	4.1	75
1757	Automated approaches for analysis of multimodal MRI acquisitions in a study of cognitive aging. <i>Computer Methods and Programs in Biomedicine</i> , 2012, 106, 328-341.	2.6	17
1758	Remitted major depression is characterized by reward network hyperactivation during reward anticipation and hypoactivation during reward outcomes. <i>Journal of Affective Disorders</i> , 2012, 136, 1126-1134.	2.0	143
1759	Connectivity disruptions in resting-state functional brain networks in children with temporal lobe epilepsy. <i>Epilepsy Research</i> , 2012, 100, 168-178.	0.8	47
1760	Frontoparietal connectivity in substance-naïve youth with and without a family history of alcoholism. <i>Brain Research</i> , 2012, 1432, 66-73.	1.1	61
1761	Moderating effects of music on resting state networks. <i>Brain Research</i> , 2012, 1447, 53-64.	1.1	53
1762	Cognitive control: Preparation of task switching components. <i>Brain Research</i> , 2012, 1451, 53-64.	1.1	16
1763	Neural correlates supporting sensory discrimination after left hemisphere stroke. <i>Brain Research</i> , 2012, 1460, 78-87.	1.1	27
1764	Development of white matter pathways in typically developing preadolescent children. <i>Brain Research</i> , 2012, 1466, 33-43.	1.1	30
1765	Diffusion Tensor Imaging in Episodic Cluster Headache. <i>Headache</i> , 2012, 52, 274-282.	1.8	50
1766	Automated 3D MRI volumetry reveals regional atrophy differences in Rasmussen encephalitis. <i>Epilepsia</i> , 2012, 53, 613-621.	2.6	40
1767	Neural Mechanisms of Risk Taking and Relationships with Hazardous Drinking. <i>Alcoholism: Clinical and Experimental Research</i> , 2012, 36, 932-940.	1.4	52
1768	When right is all that is left: plasticity of right-hemisphere tracts in a young aphasic patient. <i>Annals of the New York Academy of Sciences</i> , 2012, 1252, 237-245.	1.8	68
1769	A Comparison of Gray Matter Density in Restless Legs Syndrome Patients and Matched Controls Using Voxel-Based Morphometry. <i>Journal of Neuroimaging</i> , 2012, 22, 28-32.	1.0	35
1770	The Relationship between Normal Cerebral Perfusion Patterns and White Matter Lesion Distribution in 1,249 Patients with Multiple Sclerosis. <i>Journal of Neuroimaging</i> , 2012, 22, 129-136.	1.0	68

#	ARTICLE	IF	CITATIONS
1771	Interactive effects of estrogen and serotonin on brain activation during working memory and affective processing in menopausal women. <i>Psychoneuroendocrinology</i> , 2012, 37, 372-382.	1.3	80
1772	Endogenous cortisol is associated with functional connectivity between the amygdala and medial prefrontal cortex. <i>Psychoneuroendocrinology</i> , 2012, 37, 1039-1047.	1.3	113
1773	Effects of androgenization on the white matter microstructure of female-to-male transsexuals. A diffusion tensor imaging study. <i>Psychoneuroendocrinology</i> , 2012, 37, 1261-1269.	1.3	71
1774	White matter structure and symptom dimensions in obsessive-compulsive disorder. <i>Journal of Psychiatric Research</i> , 2012, 46, 264-270.	1.5	41
1775	Differential MRI analysis for quantification of low grade glioma growth. <i>Medical Image Analysis</i> , 2012, 16, 114-126.	7.0	19
1776	T1 and proton density at 7 T in patients with multiple sclerosis: an initial study. <i>Magnetic Resonance Imaging</i> , 2012, 30, 19-25.	1.0	16
1777	Effects of manganese injected into rat nostrils: implications for in vivo functional study of olfaction using MEMRI. <i>Magnetic Resonance Imaging</i> , 2012, 30, 62-69.	1.0	16
1778	The effect of gradient sampling schemes on diffusion metrics derived from probabilistic analysis and tract-based spatial statistics. <i>Magnetic Resonance Imaging</i> , 2012, 30, 402-412.	1.0	14
1779	Hemispheric asymmetries of functional connectivity and grey matter volume in the default mode network. <i>Neuropsychologia</i> , 2012, 50, 1308-1315.	0.7	49
1780	Structural correlates of facial emotion recognition deficits in Parkinson's disease patients. <i>Neuropsychologia</i> , 2012, 50, 2121-2128.	0.7	110
1781	White matter microstructural alterations in migraine: A diffusion-weighted MRI study. <i>Pain</i> , 2012, 153, 651-656.	2.0	81
1782	Imaging the neural correlates of neuropathic pain and pleasurable relief associated with inherited erythromelalgia in a single subject with quantitative arterial spin labelling. <i>Pain</i> , 2012, 153, 1122-1127.	2.0	29
1783	White matter brain and trigeminal nerve abnormalities in temporomandibular disorder. <i>Pain</i> , 2012, 153, 1467-1477.	2.0	121
1784	Model sparsity and brain pattern interpretation of classification models in neuroimaging. <i>Pattern Recognition</i> , 2012, 45, 2085-2100.	5.1	115
1785	Neural responses to emotional faces in women recovered from anorexia nervosa. <i>Psychiatry Research - Neuroimaging</i> , 2012, 201, 190-195.	0.9	32
1786	Neural bases of selective attention in action video game players. <i>Vision Research</i> , 2012, 61, 132-143.	0.7	239
1787	A General Fast Registration Framework by Learning Deformation Appearance Correlation. <i>IEEE Transactions on Image Processing</i> , 2012, 21, 1823-1833.	6.0	29
1788	Joint Modeling of Anatomical and Functional Connectivity for Population Studies. <i>IEEE Transactions on Medical Imaging</i> , 2012, 31, 164-182.	5.4	49

#	ARTICLE	IF	CITATIONS
1789	Bridging the Semantic Gap via Functional Brain Imaging. <i>IEEE Transactions on Multimedia</i> , 2012, 14, 314-325.	5.2	34
1790	Hippocampal volumes in bipolar disorders: opposing effects of illness burden and lithium treatment. <i>Bipolar Disorders</i> , 2012, 14, 261-270.	1.1	99
1791	Doxycycline treatment in a neonatal rat model of hypoxia-ischemia reduces cerebral tissue and white matter injury: a longitudinal magnetic resonance imaging study. <i>European Journal of Neuroscience</i> , 2012, 36, 2006-2016.	1.2	17
1792	Modeling the interactions of Alzheimer-related genes from the whole brain microarray data and diffusion tensor images of human brain. <i>BMC Bioinformatics</i> , 2012, 13, S10.	1.2	14
1793	Volumetric associations between uncinate fasciculus, amygdala, and trait anxiety. <i>BMC Neuroscience</i> , 2012, 13, 4.	0.8	100
1794	Neurodevelopmental MRI brain templates for children from 2 weeks to 4 years of age. <i>Developmental Psychobiology</i> , 2012, 54, 77-91.	0.9	127
1795	Head injury or head motion? Assessment and quantification of motion artifacts in diffusion tensor imaging studies. <i>Human Brain Mapping</i> , 2012, 33, 50-62.	1.9	112
1796	Sensitive period for white matter connectivity of superior temporal cortex in deaf people. <i>Human Brain Mapping</i> , 2012, 33, 349-359.	1.9	46
1797	Differential effects of intranasal insulin and caffeine on cerebral blood flow. <i>Human Brain Mapping</i> , 2012, 33, 280-287.	1.9	26
1798	Effect of scanner in longitudinal diffusion tensor imaging studies. <i>Human Brain Mapping</i> , 2012, 33, 466-477.	1.9	56
1799	Spontaneous blood oxygenation level-dependent fMRI signal is modulated by behavioral state and correlates with evoked response in sensorimotor cortex: A 7.0T fMRI study. <i>Human Brain Mapping</i> , 2012, 33, 511-522.	1.9	20
1800	Optimizing preprocessing and analysis pipelines for single-subject fMRI. I. Standard temporal motion and physiological noise correction methods. <i>Human Brain Mapping</i> , 2012, 33, 609-627.	1.9	90
1801	Cognitive status correlates with white matter alteration in Parkinson's disease. <i>Human Brain Mapping</i> , 2012, 33, 727-739.	1.9	180
1802	Analysis of the BOLD characteristics in passband bSSFP fMRI. <i>International Journal of Imaging Systems and Technology</i> , 2012, 22, 23-32.	2.7	19
1803	Correcting radiofrequency inhomogeneity effects in skeletal muscle magnetisation transfer maps. <i>NMR in Biomedicine</i> , 2012, 25, 262-270.	1.6	13
1804	Spatial location and strength of BOLD activation in high-spatial-resolution fMRI of the motor cortex: a comparison of spin echo and gradient echo fMRI at 7T. <i>NMR in Biomedicine</i> , 2012, 25, 717-725.	1.6	35
1805	Phase-adjusted echo time (PATE) averaging ¹ H MRS: application for improved glutamine quantification at 2.89T. <i>NMR in Biomedicine</i> , 2012, 25, 1245-1252.	1.6	18
1806	Correspondence of human visual areas identified using functional and anatomical MRI in vivo at 7 T. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 35, 287-299.	1.9	51

#	ARTICLE	IF	CITATIONS
1807	Structural changes of the brain in rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2012, 64, 371-379.	6.7	95
1808	A Library of Cortical Morphology Analysis Tools to Study Development, Aging and Genetics of Cerebral Cortex. <i>Neuroinformatics</i> , 2012, 10, 81-96.	1.5	43
1809	Mean diffusivity in the amygdala correlates with anxiety in pediatric TBI. <i>Brain Imaging and Behavior</i> , 2012, 6, 36-48.	1.1	28
1810	Meshing interfaces of multi-label data with Delaunay refinement. <i>Engineering With Computers</i> , 2012, 28, 71-82.	3.5	22
1811	Reward Circuitry Function in Autism During Face Anticipation and Outcomes. <i>Journal of Autism and Developmental Disorders</i> , 2012, 42, 147-160.	1.7	192
1812	Maximum Principal Strain and Strain Rate Associated with Concussion Diagnosis Correlates with Changes in Corpus Callosum White Matter Indices. <i>Annals of Biomedical Engineering</i> , 2012, 40, 127-140.	1.3	198
1813	Evidence of diffuse damage in frontal and occipital cortex in the brain of patients with post-traumatic stress disorder. <i>Neurological Sciences</i> , 2012, 33, 59-68.	0.9	51
1814	Brain activity and emotional processing in smokers treated with varenicline. <i>Addiction Biology</i> , 2013, 18, 732-738.	1.4	21
1815	Effect of homozygous deletions at 22q13.1 on alcohol dependence severity and cue-elicited BOLD response in the precuneus. <i>Addiction Biology</i> , 2013, 18, 548-558.	1.4	13
1816	Dopamine-Dependent Architecture of Cortico-Subcortical Network Connectivity. <i>Cerebral Cortex</i> , 2013, 23, 1509-1516.	1.6	164
1817	Association between white matter microstructure, executive functions, and processing speed in older adults: The impact of vascular health. <i>Human Brain Mapping</i> , 2013, 34, 77-95.	1.9	118
1818	Optimized neural coding? control mechanisms in large cortical networks implemented by connectivity changes. <i>Human Brain Mapping</i> , 2013, 34, 213-225.	1.9	13
1819	Functional brain connectivity at rest changes after working memory training. <i>Human Brain Mapping</i> , 2013, 34, 396-406.	1.9	157
1820	Evidence of frontotemporal structural hypoconnectivity in social anxiety disorder: A quantitative fiber tractography study. <i>Human Brain Mapping</i> , 2013, 34, 437-446.	1.9	72
1821	Inferior frontal white matter asymmetry correlates with executive control of attention. <i>Human Brain Mapping</i> , 2013, 34, 796-813.	1.9	72
1822	Electric field calculations in brain stimulation based on finite elements: An optimized processing pipeline for the generation and usage of accurate individual head models. <i>Human Brain Mapping</i> , 2013, 34, 923-935.	1.9	353
1823	Body mass index correlates negatively with white matter integrity in the fornix and corpus callosum: A diffusion tensor imaging study. <i>Human Brain Mapping</i> , 2013, 34, 1044-1052.	1.9	122
1824	Corpus callosum damage predicts disability progression and cognitive dysfunction in primary-progressive MS after five years. <i>Human Brain Mapping</i> , 2013, 34, 1163-1172.	1.9	45

#	ARTICLE	IF	CITATIONS
1825	The dimensionality of between-person differences in white matter microstructure in old age. <i>Human Brain Mapping</i> , 2013, 34, 1386-1398.	1.9	57
1826	Interindividual variation in serum cholesterol is associated with regional white matter tissue integrity in older adults. <i>Human Brain Mapping</i> , 2013, 34, 1826-1841.	1.9	63
1827	A crucial role for the cortico-striato-cortical loop in the pathogenesis of stroke-related neurogenic stuttering. <i>Human Brain Mapping</i> , 2013, 34, 2103-2112.	1.9	39
1828	Can spherical deconvolution provide more information than fiber orientations? Hindrance modulated orientational anisotropy, a true-tract specific index to characterize white matter diffusion. <i>Human Brain Mapping</i> , 2013, 34, 2464-2483.	1.9	260
1829	Brain correlates of phasic autonomic response to acupuncture stimulation: An event-related fMRI study. <i>Human Brain Mapping</i> , 2013, 34, 2592-2606.	1.9	67
1830	Changes in resting-state functionally connected parietofrontal networks after videogame practice. <i>Human Brain Mapping</i> , 2013, 34, 3143-3157.	1.9	41
1831	Intrinsic resting-state activity predicts working memory brain activation and behavioral performance. <i>Human Brain Mapping</i> , 2013, 34, 3204-3215.	1.9	186
1832	An investigation of the structural, connectional, and functional subspecialization in the human amygdala. <i>Human Brain Mapping</i> , 2013, 34, 3247-3266.	1.9	333
1833	Toward online reconstruction of quantitative susceptibility maps: Superfast dipole inversion. <i>Magnetic Resonance in Medicine</i> , 2013, 69, 1581-1593.	1.9	139
1834	Noninvasive quantification of intracellular sodium in human brain using ultrahigh-field MRI. <i>NMR in Biomedicine</i> , 2013, 26, 9-19.	1.6	55
1835	Structural and functional abnormalities in migraine patients without aura. <i>NMR in Biomedicine</i> , 2013, 26, 58-64.	1.6	157
1836	Kinetics of neurodegeneration based on a risk-related biomarker in animal model of glaucoma. <i>Molecular Neurodegeneration</i> , 2013, 8, 4.	4.4	10
1837	The impact of sex on brain responses to smoking cues: a perfusion fMRI study. <i>Biology of Sex Differences</i> , 2013, 4, 9.	1.8	40
1838	Patterns of white matter injury in HIV infection after partial immune reconstitution: a DTI tract-based spatial statistics study. <i>Journal of NeuroVirology</i> , 2013, 19, 10-23.	1.0	79
1839	Alternative-based thresholding with application to presurgical fMRI. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2013, 13, 703-713.	1.0	9
1840	Evaluation of a finite-element reciprocity method for epileptic EEG source localization: Accuracy, computational complexity and noise robustness. <i>Biomedical Engineering Letters</i> , 2013, 3, 8-16.	2.1	4
1841	Preterm infants' early growth and brain white matter maturation at term age. <i>Pediatric Radiology</i> , 2013, 43, 1357-1364.	1.1	6
1842	Effect of antenatal growth on brain white matter maturation in preterm infants at term using tract-based spatial statistics. <i>Pediatric Radiology</i> , 2013, 43, 80-85.	1.1	27

#	ARTICLE	IF	CITATIONS
1843	Systemic inflammation alters central 5-HT function as determined by pharmacological MRI. <i>NeuroImage</i> , 2013, 75, 177-186.	2.1	16
1844	Atlas-Based Neuroinformatics via MRI: Harnessing Information from Past Clinical Cases and Quantitative Image Analysis for Patient Care. <i>Annual Review of Biomedical Engineering</i> , 2013, 15, 71-92.	5.7	49
1845	Short-Term Learning Induces White Matter Plasticity in the Fornix. <i>Journal of Neuroscience</i> , 2013, 33, 12844-12850.	1.7	173
1846	In vivo 1H magnetic resonance spectroscopy in young-adult daily marijuana users. <i>NeuroImage: Clinical</i> , 2013, 2, 581-589.	1.4	42
1847	The effect of resting condition on resting-state fMRI reliability and consistency: A comparison between resting with eyes open, closed, and fixated. <i>NeuroImage</i> , 2013, 78, 463-473.	2.1	334
1848	Reduced limbic metabolism and fronto-cortical volume in rats vulnerable to alcohol addiction. <i>NeuroImage</i> , 2013, 69, 112-119.	2.1	36
1849	Microstructural White Matter Changes in the Corpus Callosum of Young People with Bipolar Disorder: A Diffusion Tensor Imaging Study. <i>PLoS ONE</i> , 2013, 8, e59108.	1.1	58
1850	MR imaging and differentiation of cerebral fat embolism syndrome from diffuse axonal injury: application of diffusion tensor imaging. <i>Neuroradiology</i> , 2013, 55, 771-778.	1.1	18
1851	Neural Correlates of Short-Term Memory Reorganization in Humans with Hippocampal Damage. <i>Journal of Neuroscience</i> , 2013, 33, 11061-11069.	1.7	36
1852	Visual function in preterm infants: visualizing the brain to improve prognosis. <i>Documenta Ophthalmologica</i> , 2013, 127, 41-55.	1.0	14
1853	Deformation based feature selection for Computer Aided Diagnosis of Alzheimer's Disease. <i>Expert Systems With Applications</i> , 2013, 40, 1619-1628.	4.4	32
1854	Functional Neuroimaging of Social and Nonsocial Cognitive Control in Autism. <i>Journal of Autism and Developmental Disorders</i> , 2013, 43, 2903-2913.	1.7	16
1855	Functional magnetic resonance imaging study reveals differences in the habituation to psychological stress in patients with Crohn's disease versus healthy controls. <i>Journal of Behavioral Medicine</i> , 2013, 36, 477-487.	1.1	51
1856	The Organization of Dorsal Frontal Cortex in Humans and Macaques. <i>Journal of Neuroscience</i> , 2013, 33, 12255-12274.	1.7	366
1858	Parietal connectivity mediates multisensory facilitation. <i>NeuroImage</i> , 2013, 78, 396-401.	2.1	28
1859	Brain aging in humans, chimpanzees (<i>Pan troglodytes</i>), and rhesus macaques (<i>Macaca mulatta</i>): magnetic resonance imaging studies of macro- and microstructural changes. <i>Neurobiology of Aging</i> , 2013, 34, 2248-2260.	1.5	92
1860	Dynamic Neural Network Reorganization Associated with Second Language Vocabulary Acquisition: A Multimodal Imaging Study. <i>Journal of Neuroscience</i> , 2013, 33, 13663-13672.	1.7	160
1861	iBEAT: A Toolbox for Infant Brain Magnetic Resonance Image Processing. <i>Neuroinformatics</i> , 2013, 11, 211-225.	1.5	75

#	ARTICLE	IF	CITATIONS
1862	Penalized Likelihood Phenotyping: Unifying Voxelwise Analyses and Multi-Voxel Pattern Analyses in Neuroimaging. <i>Neuroinformatics</i> , 2013, 11, 227-247.	1.5	4
1863	Unexpected Recovery of Function After Severe Traumatic Brain Injury: The Limits of Early Neuroimaging-Based Outcome Prediction. <i>Neurocritical Care</i> , 2013, 19, 364-375.	1.2	37
1864	Brain white matter diffusion tensor metrics from clinical 1.5T MRI distinguish between ALS phenotypes. <i>Journal of Neurology</i> , 2013, 260, 2532-2540.	1.8	25
1865	Diffusion tensor imaging reveals widespread white matter abnormalities in children and adolescents with myotonic dystrophy type 1. <i>Journal of Neurology</i> , 2013, 260, 1122-1131.	1.8	40
1866	Developmental dyscalculia: a dysconnection syndrome?. <i>Brain Structure and Function</i> , 2014, 219, 1721-33.	1.2	54
1867	Age-dependent visuomotor performance and white matter structure: a DTI study. <i>Brain Structure and Function</i> , 2013, 218, 1075-1084.	1.2	13
1868	Anterior temporobasal sulcal morphology: development of a reliable rating protocol and normative data. <i>Brain Structure and Function</i> , 2013, 218, 889-901.	1.2	1
1869	Understanding white matter integrity stability for bilinguals on language status and reading performance. <i>Brain Structure and Function</i> , 2013, 218, 595-601.	1.2	54
1870	Feature-reduction and semi-simulated data in functional connectivity-based cortical parcellation. <i>Neuroscience Bulletin</i> , 2013, 29, 333-347.	1.5	3
1871	Registration of FA and T1-Weighted MRI Data of Healthy Human Brain Based on Template Matching and Normalized Cross-Correlation. <i>Journal of Digital Imaging</i> , 2013, 26, 774-785.	1.6	25
1872	An algorithm to estimate anatomical connectivity between brain regions using diffusion MRI. <i>Magnetic Resonance Imaging</i> , 2013, 31, 353-358.	1.0	1
1873	Modulation of verbal fluency networks by transcranial direct current stimulation (tDCS) in Parkinson's disease. <i>Brain Stimulation</i> , 2013, 6, 16-24.	0.7	135
1874	Diagnostic performance of regional DTI-derived tensor metrics in glioblastoma multiforme: simultaneous evaluation of p, q, L, Cl, Cp, Cs, RA, RD, AD, mean diffusivity and fractional anisotropy. <i>European Radiology</i> , 2013, 23, 1112-1121.	2.3	35
1875	A Hierarchical Modeling Approach to Data Analysis and Study Design in a Multi-site Experimental fMRI Study. <i>Psychometrika</i> , 2013, 78, 260-278.	1.2	3
1876	State-Space Analysis of Working Memory in Schizophrenia: An FBIRN Study. <i>Psychometrika</i> , 2013, 78, 279-307.	1.2	6
1877	Age-related neural correlates of cognitive task performance under increased postural load. <i>Age</i> , 2013, 35, 2111-2124.	3.0	22
1878	Initiation of Joint Attention is Associated with Morphometric Variation in the Anterior Cingulate Cortex of Chimpanzees (<i>Pan troglodytes</i>). <i>American Journal of Primatology</i> , 2013, 75, 441-449.	0.8	19
1879	Alzheimer's Disease and Amnesic Mild Cognitive Impairment Weaken Connections Within the Default-Mode Network: A Multi-Modal Imaging Study. <i>Journal of Alzheimer's Disease</i> , 2013, 34, 969-984.	1.2	83

#	ARTICLE	IF	CITATIONS
1880	Effects of image reconstruction on fiber orientation mapping from multichannel diffusion MRI: Reducing the noise floor using SENSE. <i>Magnetic Resonance in Medicine</i> , 2013, 70, 1682-1689.	1.9	169
1881	Tracking the Roots of Reading Ability: White Matter Volume and Integrity Correlate with Phonological Awareness in Prereading and Early-Reading Kindergarten Children. <i>Journal of Neuroscience</i> , 2013, 33, 13251-13258.	1.7	207
1882	Cortical thickness determination of the human brain using high resolution 3T and 7T MRI data. <i>NeuroImage</i> , 2013, 70, 122-131.	2.1	113
1883	Spatially constrained hierarchical parcellation of the brain with resting-state fMRI. <i>NeuroImage</i> , 2013, 76, 313-324.	2.1	203
1884	Effects of DTI spatial normalization on white matter tract reconstructions. , 2013, 8669, .		3
1885	Genome-wide association identifies genetic variants associated with lentiform nucleus volume in Nâ€™=â€™1345 young and elderly subjects. <i>Brain Imaging and Behavior</i> , 2013, 7, 102-115.	1.1	26
1886	Thalamocortical tract between anterior thalamic nuclei and cingulate gyrus in the human brain: diffusion tensor tractography study. <i>Brain Imaging and Behavior</i> , 2013, 7, 236-241.	1.1	32
1887	The Influence of Fetal Ethanol Exposure on Subsequent Development of the Cerebral Cortex as Revealed by Magnetic Resonance Imaging. <i>Alcoholism: Clinical and Experimental Research</i> , 2013, 37, 924-932.	1.4	37
1888	Money for nothing â€™ Atrophy correlates of gambling decision making in behavioural variant frontotemporal dementia and Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2013, 2, 263-272.	1.4	36
1889	Ambivalence about smoking and cue-elicited neural activity in quitting-motivated smokers faced with an opportunity to smoke. <i>Addictive Behaviors</i> , 2013, 38, 1541-1549.	1.7	57
1890	White matter characterization of adolescent binge drinking with and without co-occurring marijuana use: A 3-year investigation. <i>Psychiatry Research - Neuroimaging</i> , 2013, 214, 374-381.	0.9	100
1891	Impact of regional cortical and subcortical changes on processing speed in cerebral small vessel disease. <i>NeuroImage: Clinical</i> , 2013, 2, 854-861.	1.4	48
1892	Structural and functional cortical disconnection in Alzheimer's disease: A combined study using diffusion tensor imaging and transcranial magnetic stimulation. <i>Psychiatry Research - Neuroimaging</i> , 2013, 212, 192-200.	0.9	22
1893	Repetitive Transcranial Magnetic Stimulation Elicits Rate-Dependent Brain Network Responses in Non-Human Primates. <i>Brain Stimulation</i> , 2013, 6, 777-787.	0.7	19
1894	Fronto-striatal atrophy correlates of inhibitory dysfunction in Parkinson's disease versus behavioural variant frontotemporal dementia. <i>Cortex</i> , 2013, 49, 1833-1843.	1.1	71
1895	White matter tract signatures of the progressive aphasias. <i>Neurobiology of Aging</i> , 2013, 34, 1687-1699.	1.5	97
1896	White matter microstructure asymmetry: Effects of volume asymmetry on fractional anisotropy asymmetry. <i>Neuroscience</i> , 2013, 231, 1-12.	1.1	37
1897	White-matter microstructure and language lateralization in left-handers: A whole-brain MRI analysis. <i>Brain and Cognition</i> , 2013, 82, 319-328.	0.8	25

#	ARTICLE	IF	CITATIONS
1898	Fatigue-related brain white matter changes in granulomatosis with polyangiitis. <i>Rheumatology</i> , 2013, 52, 1429-1434.	0.9	8
1899	Structural imaging differences and longitudinal changes in primary lateral sclerosis and amyotrophic lateral sclerosis. <i>NeuroImage: Clinical</i> , 2013, 2, 151-160.	1.4	66
1900	Neurofeedback Training Induces Changes in White and Gray Matter. <i>Clinical EEG and Neuroscience</i> , 2013, 44, 265-272.	0.9	128
1901	The amplitude of the resting-state fMRI global signal is related to EEG vigilance measures. <i>NeuroImage</i> , 2013, 83, 983-990.	2.1	248
1902	Neural processing correlates of assaultive violence exposure and PTSD symptoms during implicit threat processing: A network-level analysis among adolescent girls. <i>Psychiatry Research - Neuroimaging</i> , 2013, 214, 238-246.	0.9	93
1903	Multimodal image analysis of sensorimotor gating in healthy women. <i>Brain Research</i> , 2013, 1499, 61-68.	1.1	14
1904	White matter microstructure correlates with autism trait severity in a combined clinical control sample of high-functioning adults. <i>NeuroImage: Clinical</i> , 2013, 3, 106-114.	1.4	40
1905	Isolated foot drop in acute infarction of the supplementary motor area. <i>Clinical Neurology and Neurosurgery</i> , 2013, 115, 2240-2242.	0.6	4
1906	Task-related concurrent but opposite modulations of overlapping functional networks as revealed by spatial ICA. <i>NeuroImage</i> , 2013, 79, 62-71.	2.1	69
1907	A multimodal imaging analysis of subcortical gray matter in fragile X premutation carriers. <i>Movement Disorders</i> , 2013, 28, 1278-1284.	2.2	31
1908	Causal effect of disconnection lesions on interhemispheric functional connectivity in rhesus monkeys. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 13982-13987.	3.3	195
1909	Individual Differences in White Matter Diffusion Affect Sleep Oscillations. <i>Journal of Neuroscience</i> , 2013, 33, 227-233.	1.7	128
1910	Statistical analysis of brain tissue images in the wavelet domain: Wavelet-based morphometry. <i>NeuroImage</i> , 2013, 72, 214-226.	2.1	16
1911	General fluid-type intelligence is related to indices of white matter structure in middle-aged and old adults. <i>NeuroImage</i> , 2013, 83, 372-383.	2.1	72
1912	Bipolar depressed patients show both failure to activate and failure to de-activate during performance of a working memory task. <i>Journal of Affective Disorders</i> , 2013, 148, 170-178.	2.0	77
1913	Memory Consolidation by Replay of Stimulus-Specific Neural Activity. <i>Journal of Neuroscience</i> , 2013, 33, 19373-19383.	1.7	214
1914	Diffusion Tensor Imaging in Idiopathic Parkinson's Disease and Multisystem Atrophy (Parkinsonian) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.8	17
1915	The orbitofrontal cortex is involved in emotional enhancement of memory: evidence from the dementias. <i>Brain</i> , 2013, 136, 2992-3003.	3.7	64

#	ARTICLE	IF	CITATIONS
1916	Superpixel-Based Segmentation of Glioblastoma Multiforme from Multimodal MR Images. Lecture Notes in Computer Science, 2013, , 74-83.	1.0	6
1917	Advances in diffusion MRI acquisition and processing in the Human Connectome Project. NeuroImage, 2013, 80, 125-143.	2.1	851
1918	Evidence for feature binding in the superior parietal lobule. NeuroImage, 2013, 68, 173-180.	2.1	19
1919	GABA Shapes the Dynamics of Bistable Perception. Current Biology, 2013, 23, 823-827.	1.8	176
1920	Deficits in cortical, diencephalic and midbrain gray matter in alcoholism measured by VBM: Effects of co-morbid substance abuse. NeuroImage: Clinical, 2013, 2, 469-476.	1.4	50
1921	The valuation system: A coordinate-based meta-analysis of BOLD fMRI experiments examining neural correlates of subjective value. NeuroImage, 2013, 76, 412-427.	2.1	1,572
1922	Controlling automatic imitative tendencies: Interactions between mirror neuron and cognitive control systems. NeuroImage, 2013, 83, 493-504.	2.1	85
1923	Aberrant limbic and salience network resting-state functional connectivity in panic disorder without comorbidity. Journal of Affective Disorders, 2013, 145, 29-35.	2.0	92
1924	The association between higher order abilities, processing speed, and age are variably mediated by white matter integrity during typical aging. Neuropsychologia, 2013, 51, 1435-1444.	0.7	100
1925	Diffusion tensor imaging and correlations to Parkinson rating scales. Journal of Neurology, 2013, 260, 2823-2830.	1.8	42
1926	On the estimation of conventional DTI-derived indices by fitting the non-Gaussian DKI model to diffusion-weighted imaging datasets. Neuroradiology, 2013, 55, 1423-1424.	1.1	3
1927	Magnetic resonance imaging of a randomized controlled trial investigating predictors of recovery following psychological treatment in adolescents with moderate to severe unipolar depression: study protocol for Magnetic Resonance-Improving Mood with Psychoanalytic and Cognitive Therapies (MR-IMPACT). BMC Psychiatry, 2013, 13, 247.	1.1	14
1928	Anatomical location of transcallosal sensorimotor fibers in the human brain: Diffusion tensor tractography study. Translational Neuroscience, 2013, 4, .	0.7	1
1929	White matter disintegration in cluster headache. Journal of Headache and Pain, 2013, 14, 64.	2.5	26
1930	Brain imaging predictors and the international study to predict optimized treatment for depression: study protocol for a randomized controlled trial. Trials, 2013, 14, 224.	0.7	34
1931	Brain white matter microstructure alterations in adolescent rhesus monkeys exposed to early life stress: associations with high cortisol during infancy. Biology of Mood & Anxiety Disorders, 2013, 3, 21.	4.7	93
1932	Functional MRI studies in non-CNS cancers. Brain Imaging and Behavior, 2013, 7, 388-408.	1.1	39
1933	Resilience to childhood maltreatment is associated with increased resting-state functional connectivity of the salience network with the lingual gyrus. Child Abuse and Neglect, 2013, 37, 1021-1029.	1.3	57

#	ARTICLE	IF	CITATIONS
1934	Repetition Suppression and Multi-Voxel Pattern Similarity Differentially Track Implicit and Explicit Visual Memory. <i>Journal of Neuroscience</i> , 2013, 33, 14749-14757.	1.7	98
1935	Widespread Modulation of Cerebral Perfusion Induced during and after Transcranial Direct Current Stimulation Applied to the Left Dorsolateral Prefrontal Cortex. <i>Journal of Neuroscience</i> , 2013, 33, 11425-11431.	1.7	238
1936	Mapping interhemispheric connectivity using functional MRI after transcranial magnetic stimulation on the human auditory cortex. <i>NeuroImage</i> , 2013, 79, 162-171.	2.1	37
1937	Echoes of the Brain within Default Mode, Association, and Heteromodal Cortices. <i>Journal of Neuroscience</i> , 2013, 33, 14031-14039.	1.7	113
1938	Functional organisation of visual pathways in a patient with no optic chiasm. <i>Neuropsychologia</i> , 2013, 51, 1260-1272.	0.7	15
1939	Ensemble segmentation for GBM brain tumors on MR images using confidence-based averaging. <i>Medical Physics</i> , 2013, 40, 093502.	1.6	12
1940	The relationship between executive functioning, processing speed, and white matter integrity in multiple sclerosis. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2013, 35, 631-641.	0.8	60
1941	Effects of alcohol use initiation on brain structure in typically developing adolescents. <i>American Journal of Drug and Alcohol Abuse</i> , 2013, 39, 345-355.	1.1	112
1942	Associations between fractional anisotropy and problematic alcohol use in juvenile justice-involved adolescents. <i>American Journal of Drug and Alcohol Abuse</i> , 2013, 39, 365-371.	1.1	19
1943	A Framework for Inter-Subject Prediction of Functional Connectivity From Structural Networks. <i>IEEE Transactions on Medical Imaging</i> , 2013, 32, 2200-2214.	5.4	29
1944	Traumatic thalamic injury demonstrated by diffusion tensor tractography of the spinothalamic pathway. <i>Brain Injury</i> , 2013, 27, 749-753.	0.6	16
1945	ICA-based connectivity on brain networks using fMRI. , 2013, , .		1
1946	Abnormal Functional Network Connectivity among Resting-State Networks in Children with Frontal Lobe Epilepsy. <i>American Journal of Neuroradiology</i> , 2013, 34, 2386-2392.	1.2	55
1947	Anatomical variability predicts individual differences in transcranial electric stimulation motor threshold. , 2013, 2013, 815-8.		4
1948	Increased interhemispheric resting-state functional connectivity in functional dyspepsia: a pilot study. <i>NMR in Biomedicine</i> , 2013, 26, 410-415.	1.6	24
1949	Resting state and task related fMRI in small cell lung cancer patients. , 2013, , .		2
1950	Utility of Partial Correlation for Characterising Brain Dynamics: MVPA-based Assessment of Regularisation and Network Selection. , 2013, , .		4
1951	Alexithymia and Impairment of Decoding Positive Affect: An fMRI Study. <i>Journal of Communication</i> , 2013, 63, 786-806.	2.1	21

#	ARTICLE	IF	CITATIONS
1952	Combining Whole-Brain Voxel-Wise Analysis with <i>In Vivo</i> Tractography of Diffusion Behavior after Sports-Related Concussion in Adolescents: A Preliminary Report. <i>Journal of Neurotrauma</i> , 2013, 30, 1243-1249.	1.7	61
1953	Endogenous testosterone and cortisol modulate neural responses during induced anger control. <i>Social Neuroscience</i> , 2013, 8, 165-177.	0.7	50
1954	Predictive model for minimal hepatic encephalopathy based on cerebral functional connectivity. , 2013, , .		1
1955	Multi-Modal Magnetic Resonance Imaging in the Acute and Sub-Acute Phase of Mild Traumatic Brain Injury: Can We See the Difference?. <i>Journal of Neurotrauma</i> , 2013, 30, 2-10.	1.7	101
1956	Atlas-based segmentation of white matter structures from DTI using tensor invariants and orientation. , 2013, 2013, 503-6.		1
1957	De Leiden Lang Leven Studie: weerspiegelt het brein een lang leven?. <i>Neuropraxis</i> , 2013, 17, 167-172.	0.1	0
1958	Neurometabolic and microstructural alterations following a sports-related concussion in female athletes. <i>Brain Injury</i> , 2013, 27, 1038-1046.	0.6	79
1959	Activated cliques: Network-based activation detection in task-based fMRI. , 2013, , .		1
1960	Exploration of neural correlates of restorative environment exposure through functional magnetic resonance. <i>Intelligent Buildings International</i> , 2013, 5, 10-28.	1.3	42
1961	RubiX: Combining Spatial Resolutions for Bayesian Inference of Crossing Fibers in Diffusion MRI. <i>IEEE Transactions on Medical Imaging</i> , 2013, 32, 969-982.	5.4	32
1962	Justice for the average Joe: The role of envy and the mentalizing network in the deservingness of others' misfortunes. <i>Social Neuroscience</i> , 2013, 8, 640-649.	0.7	16
1963	Neurokinin3 receptor as a target to predict and improve learning and memory in the aged organism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 15097-15102.	3.3	50
1964	Preventing Alzheimer's disease-related gray matter atrophy by B-vitamin treatment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 9523-9528.	3.3	422
1965	Functional Organization of the Neural Language System: Dorsal and Ventral Pathways Are Critical for Syntax. <i>Cerebral Cortex</i> , 2013, 23, 139-147.	1.6	97
1966	Creating Group-Level Functionally-Defined Atlases for Diagnostic Classification. , 2013, , .		1
1967	No association of ZNF804A rs1344706 with white matter integrity in schizophrenia: A tract-based spatial statistics study. <i>Neuroscience Letters</i> , 2013, 532, 64-69.	1.0	19
1968	Education modifies the relation of vascular pathology to cognitive function: cognitive reserve in cerebral autosomal dominant arteriopathy with subcortical infarcts and leukoencephalopathy. <i>Neurobiology of Aging</i> , 2013, 34, 400-407.	1.5	54
1969	The time course of shape discrimination in the human brain. <i>NeuroImage</i> , 2013, 67, 77-88.	2.1	33

#	ARTICLE	IF	CITATIONS
1970	The effects of perineural and intrasynovial anaesthesia of the equine foot on subsequent magnetic resonance images. <i>Equine Veterinary Journal</i> , 2013, 45, 320-325.	0.9	10
1971	Distinct Frontal Networks Are Involved in Adapting to Internally and Externally Signaled Errors. <i>Cerebral Cortex</i> , 2013, 23, 703-713.	1.6	24
1972	Lithium and GSK3- β Promoter Gene Variants Influence White Matter Microstructure in Bipolar Disorder. <i>Neuropsychopharmacology</i> , 2013, 38, 313-327.	2.8	149
1973	Differentiation between Parkinson disease and other forms of Parkinsonism using support vector machine analysis of susceptibility-weighted imaging (SWI): initial results. <i>European Radiology</i> , 2013, 23, 12-19.	2.3	76
1974	Retrobulbar vasculature using 7-T magnetic resonance imaging with dedicated eye surface coil. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2013, 251, 271-277.	1.0	14
1975	Frontal terminations for the inferior fronto-occipital fascicle: anatomical dissection, DTI study and functional considerations on a multi-component bundle. <i>Brain Structure and Function</i> , 2013, 218, 21-37.	1.2	280
1976	Influence of white matter fiber orientation on R2* revealed by MRI segmentation. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 37, 85-91.	1.9	7
1977	Microstructural white matter alterations in psychotic disorder: A family-based diffusion tensor imaging study. <i>Schizophrenia Research</i> , 2013, 146, 291-300.	1.1	19
1978	Voxel-based morphometry with templates and validation in a mouse model of Huntington's disease. <i>Magnetic Resonance Imaging</i> , 2013, 31, 1522-1531.	1.0	62
1979	Dissociable parietal regions facilitate successful retrieval of recently learned and personally familiar information. <i>Neuropsychologia</i> , 2013, 51, 573-583.	0.7	29
1980	The neural correlates of statistical learning in a word segmentation task: An fMRI study. <i>Brain and Language</i> , 2013, 127, 46-54.	0.8	178
1981	The Will to Persevere Induced by Electrical Stimulation of the Human Cingulate Gyrus. <i>Neuron</i> , 2013, 80, 1359-1367.	3.8	194
1982	Evaluation of multi-modal, multi-site neuroimaging measures in Huntington's disease: Baseline results from the PADDINGTON study. <i>NeuroImage: Clinical</i> , 2013, 2, 204-211.	1.4	34
1983	Measurements of medial temporal lobe atrophy for prediction of Alzheimer's disease in subjects with mild cognitive impairment. <i>Neurobiology of Aging</i> , 2013, 34, 2003-2013.	1.5	86
1984	Disrupted segregation of working memory networks in temporal lobe epilepsy. <i>NeuroImage: Clinical</i> , 2013, 2, 273-281.	1.4	52
1985	Local Functional Overconnectivity in Posterior Brain Regions Is Associated with Symptom Severity in Autism Spectrum Disorders. <i>Cell Reports</i> , 2013, 5, 567-572.	2.9	237
1986	White Matter Microstructure in Subjects With Attention-Deficit/Hyperactivity Disorder and Their Siblings. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2013, 52, 431-440.e4.	0.3	73
1987	Resting-State Functional Connectivity of Subgenual Anterior Cingulate Cortex in Depressed Adolescents. <i>Biological Psychiatry</i> , 2013, 74, 898-907.	0.7	300

#	ARTICLE	IF	CITATIONS
1988	Differential and distributed effects of dopamine neuromodulations on resting-state network connectivity. <i>NeuroImage</i> , 2013, 78, 59-67.	2.1	112
1989	A semi-parametric model of the hemodynamic response for multi-subject fMRI data. <i>NeuroImage</i> , 2013, 75, 136-145.	2.1	23
1990	The hypnotic zolpidem increases the synchrony of BOLD signal fluctuations in widespread brain networks during a resting paradigm. <i>NeuroImage</i> , 2013, 70, 211-222.	2.1	51
1991	Bridging the bench to bedside gap: validation of a reverse-translated rodent continuous performance test using functional magnetic resonance imaging. <i>Psychiatry Research - Neuroimaging</i> , 2013, 212, 183-191.	0.9	32
1992	Overlapping connections within the motor cortico-basal ganglia circuit: fMRI-tractography analysis. <i>NeuroImage</i> , 2013, 78, 353-362.	2.1	74
1993	Prior knowledge on cortex organization in the reconstruction of source current densities from EEG. <i>NeuroImage</i> , 2013, 67, 7-24.	2.1	17
1994	Structural alterations in brainstem of fibromyalgia syndrome patients correlate with sensitivity to mechanical pressure. <i>NeuroImage: Clinical</i> , 2013, 3, 163-170.	1.4	29
1995	An unbiased longitudinal analysis framework for tracking white matter changes using diffusion tensor imaging with application to Alzheimer's disease. <i>NeuroImage</i> , 2013, 72, 153-163.	2.1	111
1996	The brains of high functioning autistic individuals do not synchronize with those of others. <i>NeuroImage: Clinical</i> , 2013, 3, 489-497.	1.4	112
1997	Abnormal white matter integrity and decision-making deficits in alcohol dependence. <i>Psychiatry Research - Neuroimaging</i> , 2013, 214, 382-388.	0.9	39
1998	Quantifying the test-retest reliability of cerebral blood flow measurements in a clinical model of on-going post-surgical pain: A study using pseudo-continuous arterial spin labelling. <i>NeuroImage: Clinical</i> , 2013, 3, 301-310.	1.4	41
1999	Evaluation of white matter myelin water fraction in chronic stroke. <i>NeuroImage: Clinical</i> , 2013, 2, 569-580.	1.4	70
2000	Nicotine related brain activity: The influence of smoking history and blood nicotine levels, an exploratory study. <i>Drug and Alcohol Dependence</i> , 2013, 129, 137-144.	1.6	17
2001	Whole-brain functional connectivity during emotional word classification in medication-free Major Depressive Disorder: Abnormal salience circuitry and relations to positive emotionality. <i>NeuroImage: Clinical</i> , 2013, 2, 790-796.	1.4	30
2002	Can age-related CNS taste differences be detected as early as middle age? Evidence from fMRI. <i>Neuroscience</i> , 2013, 232, 194-203.	1.1	28
2003	Brain imaging reveals that engagement of descending inhibitory pain pathways in healthy women in a low endogenous estradiol state varies with testosterone. <i>Pain</i> , 2013, 154, 515-524.	2.0	71
2004	Prefrontal white matter impairment in substance users depends upon the catechol-o-methyl transferase (COMT) val158met polymorphism. <i>NeuroImage</i> , 2013, 69, 62-69.	2.1	23
2005	Posterior fossa tumors and their impact on sleep and ventilatory control: A clinical perspective. <i>Respiratory Physiology and Neurobiology</i> , 2013, 189, 261-271.	0.7	15

#	ARTICLE	IF	CITATIONS
2006	White matter microstructural abnormalities in patients with late-onset schizophrenia identified by a voxel-based diffusion tensor imaging. <i>Psychiatry Research - Neuroimaging</i> , 2013, 212, 201-207.	0.9	28
2007	Improving alignment in Tract-based spatial statistics: Evaluation and optimization of image registration. <i>NeuroImage</i> , 2013, 76, 400-411.	2.1	174
2008	Dynamic changes in parietal activation during encoding: Implications for human learning and memory. <i>NeuroImage</i> , 2013, 82, 44-52.	2.1	21
2009	White matter integrity and executive abilities in individuals with phenylketonuria. <i>Molecular Genetics and Metabolism</i> , 2013, 109, 125-131.	0.5	63
2010	RESCALE: Voxel-specific task-fMRI scaling using resting state fluctuation amplitude. <i>NeuroImage</i> , 2013, 70, 80-88.	2.1	34
2011	The functional architecture for face-processing expertise: FMRI evidence of the developmental trajectory of the core and the extended face systems. <i>Neuropsychologia</i> , 2013, 51, 2893-2908.	0.7	48
2012	Brain metabolite alterations in young adults at familial high risk for schizophrenia using proton magnetic resonance spectroscopy. <i>Schizophrenia Research</i> , 2013, 148, 59-66.	1.1	58
2013	A Neural Link Between Feeling and Hearing. <i>Cerebral Cortex</i> , 2013, 23, 1724-1730.	1.6	58
2014	Anatomical location of the medial lemniscus and spinothalamic tract at the pons in the human brain: A diffusion tensor tractography study. <i>Somatosensory & Motor Research</i> , 2013, 30, 206-209.	0.4	16
2015	A Graph-Based Brain Parcellation Method Extracting Sparse Networks. , 2013, , .		0
2016	The thalamus in cirrhotic patients with and without hepatic encephalopathy: A volumetric MRI study. <i>European Journal of Radiology</i> , 2013, 82, e715-e720.	1.2	20
2017	Classification of diffusion tensor images for the early detection of Alzheimer's disease. <i>Computers in Biology and Medicine</i> , 2013, 43, 1313-1320.	3.9	40
2018	Neural mechanisms of cognitive reappraisal in remitted major depressive disorder. <i>Journal of Affective Disorders</i> , 2013, 151, 171-177.	2.0	45
2019	Reduced white matter integrity in primary open-angle glaucoma: A DTI study using tract-based spatial statistics. <i>Journal of Neuroradiology</i> , 2013, 40, 89-93.	0.6	29
2020	Numerical investigation of white matter anisotropic conductivity in defining current distribution under tDCS. <i>Computer Methods and Programs in Biomedicine</i> , 2013, 109, 48-64.	2.6	52
2021	Improvements in white matter micro-structural integrity of right uncinate fasciculus and left fronto-occipital fasciculus of remitted first-episode medication-naïve panic disorder patients. <i>Journal of Affective Disorders</i> , 2013, 150, 330-336.	2.0	29
2022	Structural white matter asymmetries in relation to functional asymmetries during speech perception and production. <i>NeuroImage</i> , 2013, 83, 1088-1097.	2.1	47
2023	Foreign accent syndrome: A multimodal evaluation in the search of neuroscience-driven treatments. <i>Neuropsychologia</i> , 2013, 51, 520-537.	0.7	30

#	ARTICLE	IF	CITATIONS
2024	Hippocampal volume reduction and autobiographical memory deficits in chronic schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2013, 211, 189-194.	0.9	35
2025	Grey matter density and GABAA binding potential show a positive linear relationship across cortical regions. <i>Neuroscience</i> , 2013, 235, 226-231.	1.1	10
2026	Cortical and subcortical volumes in adolescents with alcohol dependence but without substance or psychiatric comorbidities. <i>Psychiatry Research - Neuroimaging</i> , 2013, 214, 1-8.	0.9	63
2027	$\hat{1}^3$ -Amino butyric acid and glutamate abnormalities in adolescent chronic marijuana smokers. <i>Drug and Alcohol Dependence</i> , 2013, 129, 232-239.	1.6	67
2028	Prospective active marker motion correction improves statistical power in BOLD fMRI. <i>NeuroImage</i> , 2013, 68, 154-161.	2.1	23
2029	Reduced white matter integrity and cognitive deficit in never-medicated chronic schizophrenia: A diffusion tensor study using TBSS. <i>Behavioural Brain Research</i> , 2013, 252, 157-163.	1.2	88
2030	Effects of peripubertal gonadotropin-releasing hormone agonist on brain development in sheep – A magnetic resonance imaging study. <i>Psychoneuroendocrinology</i> , 2013, 38, 1994-2002.	1.3	20
2031	PET-Based Confirmation of Orientation Sensitivity of TMS-Induced Cortical Activation in Humans. <i>Brain Stimulation</i> , 2013, 6, 898-904.	0.7	50
2032	Neural substrates of episodic memory dysfunction in behavioural variant frontotemporal dementia with and without C9ORF72 expansions. <i>NeuroImage: Clinical</i> , 2013, 2, 836-843.	1.4	35
2033	Intra-individual variability in information processing speed reflects white matter microstructure in multiple sclerosis. <i>NeuroImage: Clinical</i> , 2013, 2, 894-902.	1.4	29
2034	Resting-state functional connectivity in multiple sclerosis: An examination of group differences and individual differences. <i>Neuropsychologia</i> , 2013, 51, 2918-2929.	0.7	43
2035	Can skilled readers perform a second task in parallel? A functional connectivity MRI study. <i>Brain and Language</i> , 2013, 124, 84-95.	0.8	10
2036	Functional and connectivity changes during working memory in Huntington's disease: 18 month longitudinal data from the IMAGE-HD study. <i>Brain and Cognition</i> , 2013, 83, 80-91.	0.8	57
2037	Thalamic atrophy in antero-medial and dorsal nuclei correlates with six-month outcome after severe brain injury. <i>NeuroImage: Clinical</i> , 2013, 3, 396-404.	1.4	59
2038	Centromedian-Parafascicular Deep Brain Stimulation Induces Differential Functional Inhibition of the Motor, Associative, and Limbic Circuits in Large Animals. <i>Biological Psychiatry</i> , 2013, 74, 917-926.	0.7	45
2039	Lateral temporal hyper-activation as a novel biomarker of mild cognitive impairment. <i>Neuropsychologia</i> , 2013, 51, 2281-2293.	0.7	15
2040	Remitted major depression is characterized by reduced prefrontal cortex reactivity to reward loss. <i>Journal of Affective Disorders</i> , 2013, 151, 756-762.	2.0	76
2041	Fronto-occipital fasciculus, corpus callosum and superior longitudinal fasciculus tract alterations of first-episode, medication-naïve and late-onset panic disorder patients. <i>Journal of Affective Disorders</i> , 2013, 146, 378-382.	2.0	33

#	ARTICLE	IF	CITATIONS
2042	Not lesser but Greater fractional anisotropy in adolescents with alcohol use disorders. <i>NeuroImage: Clinical</i> , 2013, 2, 804-809.	1.4	31
2043	Consequences of polar form coherence for fMRI responses in human visual cortex. <i>NeuroImage</i> , 2013, 78, 152-158.	2.1	10
2044	Direct depiction of bone microstructure using MRI with zero echo time. <i>Bone</i> , 2013, 54, 44-47.	1.4	49
2045	On applicability of PCA, voxel-wise variance normalization and dimensionality assumptions for sliding temporal window sICA in resting-state fMRI. <i>Magnetic Resonance Imaging</i> , 2013, 31, 1338-1348.	1.0	2
2046	fMRI assessment of thalamocortical connectivity during attentional performance. <i>Magnetic Resonance Imaging</i> , 2013, 31, 1112-1118.	1.0	10
2047	Injury of the corticoreticular pathway in patients with proximal weakness following cerebral infarct: Diffusion tensor tractography study. <i>Neuroscience Letters</i> , 2013, 546, 21-25.	1.0	18
2048	An automatic rat brain extraction method based on a deformable surface model. <i>Journal of Neuroscience Methods</i> , 2013, 218, 72-82.	1.3	13
2049	Overlapping and parallel cerebello-cerebral networks contributing to sensorimotor control: An intrinsic functional connectivity study. <i>NeuroImage</i> , 2013, 83, 837-848.	2.1	67
2050	Neural connectivity of the posterior body of the fornix in the human brain: Diffusion tensor imaging study. <i>Neuroscience Letters</i> , 2013, 549, 116-119.	1.0	13
2051	The effect of scan length on the reliability of resting-state fMRI connectivity estimates. <i>NeuroImage</i> , 2013, 83, 550-558.	2.1	707
2052	Thalamic volume and related visual recognition are associated with freezing of gait in non-demented patients with Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2013, 19, 1106-1109.	1.1	30
2053	Disease severity is correlated to tract specific changes of fractional anisotropy in MD and CM thalamusâ€”A DTI study in major depressive disorder. <i>Journal of Affective Disorders</i> , 2013, 149, 116-128.	2.0	36
2054	Early cortical gray matter loss and cognitive correlates in non-demented Parkinson's patients. <i>Parkinsonism and Related Disorders</i> , 2013, 19, 1088-1093.	1.1	52
2055	Fractional amplitude of low-frequency fluctuation changes in functional dyspepsia: A resting-state fMRI study. <i>Magnetic Resonance Imaging</i> , 2013, 31, 996-1000.	1.0	27
2056	Functional connectivity of left Heschl's gyrus in vulnerability to auditory hallucinations in schizophrenia. <i>Schizophrenia Research</i> , 2013, 143, 260-268.	1.1	111
2057	Collaborative patch-based super-resolution for diffusion-weighted images. <i>NeuroImage</i> , 2013, 83, 245-261.	2.1	83
2058	Altered functional and structural brain network organization in autism. <i>NeuroImage: Clinical</i> , 2013, 2, 79-94.	1.4	350
2059	KIBRA gene variants are associated with synchronization within the default-mode and executive control networks. <i>NeuroImage</i> , 2013, 69, 213-222.	2.1	18

#	ARTICLE	IF	CITATIONS
2060	Impaired acquisition rates of probabilistic associative learning in frontotemporal dementia is associated with fronto-striatal atrophy. <i>NeuroImage: Clinical</i> , 2013, 2, 56-62.	1.4	12
2061	Reduced functional brain connectivity prior to and after disease onset in Huntington's disease. <i>NeuroImage: Clinical</i> , 2013, 2, 377-384.	1.4	65
2062	The nuisance of nuisance regression: Spectral misspecification in a common approach to resting-state fMRI preprocessing reintroduces noise and obscures functional connectivity. <i>NeuroImage</i> , 2013, 82, 208-225.	2.1	516
2063	Human brain atlas for automated region of interest selection in quantitative susceptibility mapping: Application to determine iron content in deep gray matter structures. <i>NeuroImage</i> , 2013, 82, 449-469.	2.1	138
2064	Early gray-matter and white-matter concentration in infancy predict later language skills: A whole brain voxel-based morphometry study. <i>Brain and Language</i> , 2013, 124, 34-44.	0.8	64
2065	Prolonged febrile seizures cause reversible reductions in white matter integrity. <i>NeuroImage: Clinical</i> , 2013, 3, 515-521.	1.4	16
2066	Group analysis of self-organizing maps based on functional MRI using restricted Frechet means. <i>NeuroImage</i> , 2013, 76, 373-385.	2.1	9
2067	Geometrical constraints for robust tractography selection. <i>NeuroImage</i> , 2013, 81, 26-48.	2.1	4
2068	FocusDET, A New Toolbox for SISCOM Analysis. Evaluation of the Registration Accuracy Using Monte Carlo Simulation. <i>Neuroinformatics</i> , 2013, 11, 77-89.	1.5	22
2069	System for Integrated Neuroimaging Analysis and Processing of Structure. <i>Neuroinformatics</i> , 2013, 11, 91-103.	1.5	20
2070	Ventral medial prefrontal functional connectivity and emotion regulation in chronic schizophrenia: A pilot study. <i>Neuroscience Bulletin</i> , 2013, 29, 59-74.	1.5	44
2071	Human and Monkey Ventral Prefrontal Fibers Use the Same Organizational Principles to Reach Their Targets: Tracing versus Tractography. <i>Journal of Neuroscience</i> , 2013, 33, 3190-3201.	1.7	185
2072	Automated differentiation of pre-diagnosis Huntington's disease from healthy control individuals based on quadratic discriminant analysis of the basal ganglia: The IMAGE-HD study. <i>Neurobiology of Disease</i> , 2013, 51, 82-92.	2.1	80
2073	Neuroimaging comparison of primary progressive apraxia of speech and progressive supranuclear palsy. <i>European Journal of Neurology</i> , 2013, 20, 629-637.	1.7	47
2074	Resting-State Synchrony in Long-Term Abstinent Alcoholics. <i>Alcoholism: Clinical and Experimental Research</i> , 2013, 37, 75-85.	1.4	86
2075	Longitudinal Changes in White Matter Integrity Among Adolescent Substance Users. <i>Alcoholism: Clinical and Experimental Research</i> , 2013, 37, E181-9.	1.4	136
2076	Repetition Suppression in Auditory-Motor Regions to Pitch and Temporal Structure in Music. <i>Journal of Cognitive Neuroscience</i> , 2013, 25, 313-328.	1.1	45
2077	MRI of carriers of the apolipoprotein E e4 allele—evidence for structural differences in normal-appearing brain tissue in e4+ relative to e4- young adults. <i>NMR in Biomedicine</i> , 2013, 26, 674-682.	1.6	22

#	ARTICLE	IF	CITATIONS
2078	Heterogeneity of Cortical Lesions in Multiple Sclerosis: An MRI Perfusion Study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 457-463.	2.4	36
2079	White Matter Hyperintensities and Cerebral Amyloidosis. <i>JAMA Neurology</i> , 2013, 70, 455.	4.5	171
2080	Separable networks for top-down attention to auditory non-spatial and visuospatial modalities. <i>NeuroImage</i> , 2013, 74, 77-86.	2.1	56
2081	Single-subject fMRI mapping at 7 T of the representation of fingertips in S1: a comparison of event-related and phase-encoding designs. <i>Journal of Neurophysiology</i> , 2013, 109, 2293-2305.	0.9	75
2082	Early Musical Training and White-Matter Plasticity in the Corpus Callosum: Evidence for a Sensitive Period. <i>Journal of Neuroscience</i> , 2013, 33, 1282-1290.	1.7	282
2083	Location of brain lesions predicts conversion of clinically isolated syndromes to multiple sclerosis. <i>Neurology</i> , 2013, 80, 234-241.	1.5	53
2084	Intensive Reasoning Training Alters Patterns of Brain Connectivity at Rest. <i>Journal of Neuroscience</i> , 2013, 33, 4796-4803.	1.7	110
2085	Altered fronto-â€œlimbic activity in children and adolescents with familial high risk for schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2013, 212, 19-27.	0.9	25
2086	Regional vulnerability in Huntington's disease: fMRI-guided molecular analysis in patients and a mouse model of disease. <i>Neurobiology of Disease</i> , 2013, 52, 84-93.	2.1	19
2087	GABAA Receptors Predict Aversion-Related Brain Responses: An fMRI-PET Investigation in Healthy Humans. <i>Neuropsychopharmacology</i> , 2013, 38, 1438-1450.	2.8	21
2088	Inter-â€œsubject synchronization of brain responses during natural music listening. <i>European Journal of Neuroscience</i> , 2013, 37, 1458-1469.	1.2	111
2089	Brain Microstructure Reveals Early Abnormalities more than Two Years prior to Clinical Progression from Mild Cognitive Impairment to Alzheimer's Disease. <i>Journal of Neuroscience</i> , 2013, 33, 2147-2155.	1.7	161
2090	Developmental patterns of chimpanzee cerebral tissues provide important clues for understanding the remarkable enlargement of the human brain. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20122398.	1.2	46
2091	Neurophysiological Investigation of Spontaneous Correlated and Anticorrelated Fluctuations of the BOLD Signal. <i>Journal of Neuroscience</i> , 2013, 33, 6333-6342.	1.7	211
2092	Oxytocin effects on complex brain networks are moderated by experiences of maternal love withdrawal. <i>European Neuropsychopharmacology</i> , 2013, 23, 1288-1295.	0.3	83
2093	Learning and comparing functional connectomes across subjects. <i>NeuroImage</i> , 2013, 80, 405-415.	2.1	185
2094	Pathways to seeing music: Enhanced structural connectivity in colored-music synesthesia. <i>NeuroImage</i> , 2013, 74, 359-366.	2.1	55
2095	Microstructural white matter changes are correlated with the stage of psychiatric illness. <i>Translational Psychiatry</i> , 2013, 3, e248-e248.	2.4	42

#	ARTICLE	IF	CITATIONS
2096	Anatomical Brain Networks on the Prediction of Abnormal Brain States. <i>Brain Connectivity</i> , 2013, 3, 1-21.	0.8	44
2097	Two-tensor model-based bootstrapping on classified tensor morphologies: estimation of uncertainty in fiber orientation and probabilistic tractography. <i>Magnetic Resonance Imaging</i> , 2013, 31, 296-312.	1.0	5
2098	Widespread changes of white matter microstructure in obsessive-compulsive disorder: Effect of drug status. <i>European Neuropsychopharmacology</i> , 2013, 23, 581-593.	0.3	63
2099	Magnetic resonance imaging volumetric findings in children with Asperger syndrome, nonverbal learning disability, or healthy controls. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2013, 35, 540-550.	0.8	21
2100	Evaluating the effects of systemic low frequency oscillations measured in the periphery on the independent component analysis results of resting state networks. <i>NeuroImage</i> , 2013, 76, 202-215.	2.1	80
2101	Differential Effects of Dual and Unihemispheric Motor Cortex Stimulation in Older Adults. <i>Journal of Neuroscience</i> , 2013, 33, 9176-9183.	1.7	139
2102	Dissociable Neural Modulation Underlying Lasting First Impressions, Changing Your Mind for the Better, and Changing It for the Worse. <i>Journal of Neuroscience</i> , 2013, 33, 9337-9344.	1.7	24
2103	The genome-wide supported microRNA-137 variant predicts phenotypic heterogeneity within schizophrenia. <i>Molecular Psychiatry</i> , 2013, 18, 443-450.	4.1	110
2104	Resting-state functional connectivity abnormalities in limbic and salience networks in social anxiety disorder without comorbidity. <i>European Neuropsychopharmacology</i> , 2013, 23, 186-195.	0.3	128
2105	Quantitative assessment of subcortical atrophy and iron content in progressive supranuclear palsy and parkinsonian variant of multiple system atrophy. <i>Journal of Neurology</i> , 2013, 260, 2094-2101.	1.8	65
2106	Predicting intrinsic brain activity. <i>NeuroImage</i> , 2013, 82, 127-136.	2.1	32
2107	Altered functional connectivity of the insular cortex across prefrontal networks in cocaine addiction. <i>Psychiatry Research - Neuroimaging</i> , 2013, 213, 39-46.	0.9	93
2108	Glutamate Concentration in the Medial Prefrontal Cortex Predicts Resting-State Cortical-Subcortical Functional Connectivity in Humans. <i>PLoS ONE</i> , 2013, 8, e60312.	1.1	79
2109	White matter differences in euthymic bipolar I disorder: a combined magnetic resonance imaging and diffusion tensor imaging voxel-based study. <i>Bipolar Disorders</i> , 2013, 15, 365-376.	1.1	50
2110	Graph Theoretical Analysis of Sedation's Effect on Whole Brain Functional System in School-Aged Children. <i>Brain Connectivity</i> , 2013, 3, 177-189.	0.8	6
2111	Diffusion tensor imaging and tractography of the spinal cord: From experimental studies to clinical application. <i>Experimental Neurology</i> , 2013, 242, 74-82.	2.0	51
2112	The generation effect: Activating broad neural circuits during memory encoding. <i>Cortex</i> , 2013, 49, 1901-1909.	1.1	28
2113	Ventromedial Prefrontal Cortex Encodes Emotional Value. <i>Journal of Neuroscience</i> , 2013, 33, 11032-11039.	1.7	163

#	ARTICLE	IF	CITATIONS
2114	White matter tract abnormalities between rostral middle frontal gyrus, inferior frontal gyrus and striatum in first-episode schizophrenia. <i>Schizophrenia Research</i> , 2013, 145, 1-10.	1.1	89
2115	The minimal preprocessing pipelines for the Human Connectome Project. <i>NeuroImage</i> , 2013, 80, 105-124.	2.1	4,042
2116	Reconstruction of White Matter Tracts via Repeated Deterministic Streamline Tracking â€œ Initial Experience. <i>PLoS ONE</i> , 2013, 8, e63082.	1.1	11
2117	Abnormal white matter correlates with neuropsychological impairment in children with localizationâ€related epilepsy. <i>Epilepsia</i> , 2013, 54, 1065-1073.	2.6	38
2118	Radial and tangential neuronal migration pathways in the human fetal brain: Anatomically distinct patterns of diffusion MRI coherence. <i>NeuroImage</i> , 2013, 79, 412-422.	2.1	74
2119	Physiological observations validate finite element models for estimating subject-specific electric field distributions induced by transcranial magnetic stimulation of the human motor cortex. <i>NeuroImage</i> , 2013, 81, 253-264.	2.1	166
2120	White-Matter Microstructural Changes in Functional Dyspepsia: A Diffusion Tensor Imaging Study. <i>American Journal of Gastroenterology</i> , 2013, 108, 260-269.	0.2	62
2121	PHYCAA+: An optimized, adaptive procedure for measuring and controlling physiological noise in BOLD fMRI. <i>NeuroImage</i> , 2013, 82, 306-325.	2.1	52
2122	How equivalent are the action execution, imagery, and observation of intransitive movements? Revisiting the concept of somatotopy during action simulation. <i>Brain and Cognition</i> , 2013, 81, 139-150.	0.8	51
2123	Resting-State Functional and Structural Connectivity Within an Insulaâ€Amygdala Route Specifically Index State and Trait Anxiety. <i>Biological Psychiatry</i> , 2013, 73, 85-92.	0.7	224
2124	Neural correlates of diacritics in Arabic: An fMRI study. <i>Journal of Neurolinguistics</i> , 2013, 26, 195-206.	0.5	16
2125	The temporal derivative of expected utility: A neural mechanism for dynamic decision-making. <i>NeuroImage</i> , 2013, 65, 223-230.	2.1	4
2126	Microstructural integrity of the cingulum is related to verbal memory performance in elderly with cerebral small vessel disease. <i>NeuroImage</i> , 2013, 65, 416-423.	2.1	29
2127	Age association of language task induced deactivation induced in a pediatric population. <i>NeuroImage</i> , 2013, 65, 23-33.	2.1	10
2128	Neuronal correlates of the five factor model (FFM) of human personality: Multimodal imaging in a large healthy sample. <i>NeuroImage</i> , 2013, 65, 194-208.	2.1	197
2129	APOE e4 polymorphism in young adults is associated with improved attention and indexed by distinct neural signatures. <i>NeuroImage</i> , 2013, 65, 364-373.	2.1	87
2130	Relationship between fractional anisotropy of cerebral white matter and metabolite concentrations measured using 1H magnetic resonance spectroscopy in healthy adults. <i>NeuroImage</i> , 2013, 66, 161-168.	2.1	34
2131	Frequency specific spatial interactions in human electrocorticography: V1 alpha oscillations reflect surround suppression. <i>NeuroImage</i> , 2013, 65, 424-432.	2.1	75

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2132	Connective field modeling. <i>NeuroImage</i> , 2013, 66, 376-384.	2.1	75
2133	Individual differences in left parietal white matter predict math scores on the Preliminary Scholastic Aptitude Test. <i>NeuroImage</i> , 2013, 66, 604-610.	2.1	56
2134	Statistical analysis of longitudinal neuroimage data with Linear Mixed Effects models. <i>NeuroImage</i> , 2013, 66, 249-260.	2.1	298
2135	Functional segmentation of the hippocampus in the healthy human brain and in Alzheimer's disease. <i>NeuroImage</i> , 2013, 66, 28-35.	2.1	85
2136	Diffusion-weighted magnetic resonance imaging detection of basal forebrain cholinergic degeneration in a mouse model. <i>NeuroImage</i> , 2013, 66, 133-141.	2.1	28
2137	Identification of a strategic brain network underlying processing speed deficits in vascular cognitive impairment. <i>NeuroImage</i> , 2013, 66, 177-183.	2.1	62
2138	The low-frequency blood oxygenation level-dependent functional connectivity signature of the hippocampalâ€“prefrontal network in the rat brain. <i>Neuroscience</i> , 2013, 228, 243-258.	1.1	36
2139	Neural network connectivity differences in children who stutter. <i>Brain</i> , 2013, 136, 3709-3726.	3.7	162
2140	Preoperative Three-Dimensional Model Creation of Magnetic Resonance Brain Images as a Tool to Assist Neurosurgical Planning. <i>Stereotactic and Functional Neurosurgery</i> , 2013, 91, 162-169.	0.8	69
2141	Effects of cognitive remediation on cognitive dysfunction in partially or fully remitted patients with bipolar disorder: study protocol for a randomized controlled trial. <i>Trials</i> , 2013, 14, 378.	0.7	29
2142	Smaller grey matter volumes in the anterior cingulate cortex and greater cerebellar volumes in patients with long-term remission of Cushing's disease: a caseâ€“control study. <i>European Journal of Endocrinology</i> , 2013, 169, 811-819.	1.9	84
2143	Pediatric population-based neuroimaging and the Generation R Study: the intersection of developmental neuroscience and epidemiology. <i>European Journal of Epidemiology</i> , 2013, 28, 99-111.	2.5	106
2144	Exploring Workflow Interoperability for Neuroimage Analysis on the SHIWA Platform. <i>Journal of Grid Computing</i> , 2013, 11, 505-522.	2.5	7
2145	Logical Foundations and Fast Implementation of Probabilistic Tractography. <i>IEEE Transactions on Medical Imaging</i> , 2013, 32, 1397-1410.	5.4	12
2146	Clinical impact of early brain atrophy in clinically isolated syndromes. <i>Multiple Sclerosis Journal</i> , 2013, 19, 1878-1886.	1.4	85
2147	Predicting Cognitive Decline in Subjects at Risk for Alzheimer Disease by Using Combined Cerebrospinal Fluid, MR Imaging, and PET Biomarkers. <i>Radiology</i> , 2013, 266, 583-591.	3.6	212
2148	TGV for diffusion tensors: A comparison of fidelity functions. <i>Journal of Inverse and Ill-Posed Problems</i> , 2013, 21, .	0.5	8
2149	Altered Cerebral Perfusion in Executive, Affective, and Motor Networks During Adolescent Depression. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2013, 52, 1076-1091.e2.	0.3	72

#	ARTICLE	IF	CITATIONS
2150	Episodic future thinking is impaired in the behavioural variant of frontotemporal dementia. <i>Cortex</i> , 2013, 49, 2377-2388.	1.1	82
2151	Foreign accent syndrome: A multimodal mapping study. <i>Cortex</i> , 2013, 49, 18-39.	1.1	57
2152	MRI Evidence of Impaired CSF Homeostasis in Obesity-Associated Idiopathic Intracranial Hypertension. <i>American Journal of Neuroradiology</i> , 2013, 34, 29-34.	1.2	77
2153	Spatiotemporal linear mixed effects modeling for the mass-univariate analysis of longitudinal neuroimage data. <i>NeuroImage</i> , 2013, 81, 358-370.	2.1	111
2154	Disrupted white matter connectivity is associated with reduced cortical thickness in the cingulate cortex in schizophrenia. <i>Cortex</i> , 2013, 49, 722-729.	1.1	29
2155	Ventral encoding of functional affordances: A neural pathway for identifying errors in action. <i>Brain and Cognition</i> , 2013, 82, 274-282.	0.8	25
2156	Functional connectivity of the frontoparietal network predicts cognitive modulation of pain. <i>Pain</i> , 2013, 154, 459-467.	2.0	143
2157	Quantitative ^{scp}FLAIR</sup> analysis indicates predominant affection of the amygdala in antibody-associated limbic encephalitis. <i>Epilepsia</i> , 2013, 54, 1679-1687.	2.6	42
2158	The perfect neuroimaging-genetics-computation storm: collision of petabytes of data, millions of hardware devices and thousands of software tools. <i>Brain Imaging and Behavior</i> , 2014, 8, 311-22.	1.1	15
2159	Grey matter correlates of clinical variables in amyotrophic lateral sclerosis (ALS): a neuroimaging study of ALS motor phenotype heterogeneity and cortical focality. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2013, 84, 766-773.	0.9	121
2160	Cognitive Reserve Proxies Relate to Gray Matter Loss in Cognitively Healthy Elderly with Abnormal Cerebrospinal Fluid Amyloid- β^2 Levels. <i>Journal of Alzheimer's Disease</i> , 2013, 35, 715-726.	1.2	40
2161	The Anterior Hippocampus Supports a Coarse, Global Environmental Representation and the Posterior Hippocampus Supports Fine-grained, Local Environmental Representations. <i>Journal of Cognitive Neuroscience</i> , 2013, 25, 1908-1925.	1.1	69
2162	T2 relaxometry measurements in low spatial frequency brain regions differ between fast spin-echo and multiple-echo spin-echo sequences. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2013, 26, 443-450.	1.1	1
2163	White Matter Integrity Following Traumatic Brain Injury: The Association with Severity of Injury and Cognitive Functioning. <i>Brain Topography</i> , 2013, 26, 648-660.	0.8	69
2164	Combined Grey Matter VBM and White Matter TBSS Analysis in Young First Episode Psychosis Patients With and Without Cannabis Consumption. <i>Brain Topography</i> , 2013, 26, 641-647.	0.8	16
2165	Cortical Pitch Regions in Humans Respond Primarily to Resolved Harmonics and Are Located in Specific Tonotopic Regions of Anterior Auditory Cortex. <i>Journal of Neuroscience</i> , 2013, 33, 19451-19469.	1.7	149
2166	White matter hyperintensities on MRI in high-altitude U-2 pilots. <i>Neurology</i> , 2013, 81, 729-735.	1.5	55
2167	Perfusion deficits in patients with mild traumatic brain injury characterized by dynamic susceptibility contrast MRI. <i>NMR in Biomedicine</i> , 2013, 26, 651-663.	1.6	52

#	ARTICLE	IF	CITATIONS
2168	Magnetic resonance elastography of the brain using multishot spiral readouts with self-navigated motion correction. <i>Magnetic Resonance in Medicine</i> , 2013, 70, 404-412.	1.9	93
2169	Modeling and suppression of respiration induced B0-fluctuations in non-balanced steady-state free precession sequences at 7 Tesla. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2013, 26, 377-387.	1.1	2
2170	Functional connectivity between parietal and frontal brain regions and intelligence in young children: The Generation R study. <i>Human Brain Mapping</i> , 2013, 34, 3299-3307.	1.9	92
2171	Hippocampal involvement in retrieval of odor vs. object memories. <i>Hippocampus</i> , 2013, 23, 122-128.	0.9	18
2172	The Development of Hub Architecture in the Human Functional Brain Network. <i>Cerebral Cortex</i> , 2013, 23, 2380-2393.	1.6	194
2173	Assessment of Disease Severity in Late Infantile Neuronal Ceroid Lipofuscinosis Using Multiparametric MR Imaging. <i>American Journal of Neuroradiology</i> , 2013, 34, 884-889.	1.2	19
2174	Quantitative Susceptibility Mapping in Multiple Sclerosis. <i>Radiology</i> , 2013, 267, 551-559.	3.6	216
2175	Reading therapy strengthens top-down connectivity in patients with pure alexia. <i>Brain</i> , 2013, 136, 2579-2591.	3.7	41
2176	Sex Differences in Resting-State Functional Connectivity in Multiple Sclerosis. <i>American Journal of Neuroradiology</i> , 2013, 34, 2304-2311.	1.2	24
2177	Imaging informatics for consumer health: towards a radiology patient portal. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2013, 20, 1028-1036.	2.2	33
2178	Rhythm-specific modulation of the sensorimotor network in drug-naïve patients with Parkinson's disease by levodopa. <i>Brain</i> , 2013, 136, 710-725.	3.7	178
2179	Shape shifting pain: chronification of back pain shifts brain representation from nociceptive to emotional circuits. <i>Brain</i> , 2013, 136, 2751-2768.	3.7	585
2180	Multivariate Activation and Connectivity Patterns Discriminate Speech Intelligibility in Wernicke's, Broca's, and Geschwind's Areas. <i>Cerebral Cortex</i> , 2013, 23, 1703-1714.	1.6	46
2181	Limbic hyperconnectivity in the vegetative state. <i>Neurology</i> , 2013, 81, 1417-1424.	1.5	73
2182	Different Characteristics of the Corticospinal Tract According to the Cerebral Origin: DTI Study. <i>American Journal of Neuroradiology</i> , 2013, 34, 1359-1363.	1.2	76
2183	Incident lacunes preferentially localize to the edge of white matter hyperintensities: insights into the pathophysiology of cerebral small vessel disease. <i>Brain</i> , 2013, 136, 2717-2726.	3.7	141
2184	Impaired thalamocortical connectivity in autism spectrum disorder: a study of functional and anatomical connectivity. <i>Brain</i> , 2013, 136, 1942-1955.	3.7	303
2185	White Matter Hyperintensities: Use of Aortic Arch Pulse Wave Velocity to Predict Volume Independent of Other Cardiovascular Risk Factors. <i>Radiology</i> , 2013, 267, 709-717.	3.6	53

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2186	Retrieval Search and Strength Evoke Dissociable Brain Activity during Episodic Memory Recall. <i>Journal of Cognitive Neuroscience</i> , 2013, 25, 219-233.	1.1	15
2187	TOWARDS UNDERSTANDING AUTISM RISK FACTORS: A CLASSIFICATION OF BRAIN IMAGES WITH SUPPORT VECTOR MACHINES. <i>International Journal of Semantic Computing</i> , 2013, 07, 205-213.	0.4	3
2188	Current Trends in ERP Analysis Using EEG and EEG/fMRI Synergistic Methods. <i>Neuroinformatics</i> , 2013, , 323-350.	0.2	4
2189	Functional Role of the Corticoreticular Pathway in Chronic Stroke Patients. <i>Stroke</i> , 2013, 44, 1099-1104.	1.0	148
2190	Total cerebral blood flow and mortality in old age. <i>Neurology</i> , 2013, 81, 1922-1929.	1.5	22
2191	Whole-brain magnetic resonance spectroscopic imaging measures are related to disability in ALS. <i>Neurology</i> , 2013, 80, 610-615.	1.5	50
2192	Individual Classification of Mild Cognitive Impairment Subtypes by Support Vector Machine Analysis of White Matter DTI. <i>American Journal of Neuroradiology</i> , 2013, 34, 283-291.	1.2	45
2193	Evaluation of a Practical Visual MRI Rating Scale of Brain White Matter Hyperintensities for Clinicians Based on Largest Lesion Size Regardless of Location. <i>American Journal of Neuroradiology</i> , 2013, 34, 797-801.	1.2	15
2194	MR Imaging of Hippocampal Asymmetry at 3T in a Multiethnic, Population-Based Sample: Results from the Dallas Heart Study. <i>American Journal of Neuroradiology</i> , 2013, 34, 752-757.	1.2	39
2195	Differential Diagnosis of Normal Pressure Hydrocephalus by MRI Mean Diffusivity Histogram Analysis. <i>American Journal of Neuroradiology</i> , 2013, 34, 1168-1174.	1.2	33
2196	Sensorimotor Cortex Gamma-Aminobutyric Acid Concentration Correlates with Impaired Performance in Patients with MS. <i>American Journal of Neuroradiology</i> , 2013, 34, 1733-1739.	1.2	32
2197	White Matter Abnormalities in Skin Picking Disorder: A Diffusion Tensor Imaging Study. <i>Neuropsychopharmacology</i> , 2013, 38, 763-769.	2.8	67
2198	Identifying Large-Scale Brain Networks in Fragile X Syndrome. <i>JAMA Psychiatry</i> , 2013, 70, 1215.	6.0	57
2199	Pervasive Rightward Asymmetry Shifts of Functional Networks in Autism Spectrum Disorder. <i>JAMA Psychiatry</i> , 2013, 70, 975.	6.0	122
2200	Distinction of seropositive NMO spectrum disorder and MS brain lesion distribution. <i>Neurology</i> , 2013, 80, 1330-1337.	1.5	189
2201	Depressive symptoms and white matter dysfunction in retired NFL players with concussion history. <i>Neurology</i> , 2013, 81, 25-32.	1.5	142
2202	Interacting Effects of Naltrexone and OPRM1 and DAT1 Variation on the Neural Response to Alcohol Cues. <i>Neuropsychopharmacology</i> , 2013, 38, 414-422.	2.8	76
2203	Association Between Nicotine Dependence Severity, BOLD Response to Smoking Cues, and Functional Connectivity. <i>Neuropsychopharmacology</i> , 2013, 38, 2363-2372.	2.8	109

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2204	Decision-making in Polydrug Amphetamine-type Stimulant Users: an fMRI Study. <i>Neuropsychopharmacology</i> , 2013, 38, 1377-1386.	2.8	19
2205	Language Comprehension in Young People with Severe Cerebral Palsy in Relation to Language Tracts: A Diffusion Tensor Imaging Study. <i>Neuropediatrics</i> , 2013, 44, 286-290.	0.3	7
2206	Advanced Neuroimaging in Traumatic Brain Injury. <i>Seminars in Neurology</i> , 2013, 32, 374-400.	0.5	27
2207	The Effect of Fluoxetine on Progression in Progressive Multiple Sclerosis: A Double-Blind, Randomized, Placebo-Controlled Trial. <i>ISRN Neurology</i> , 2013, 2013, 1-6.	1.5	22
2208	Association of visit-to-visit variability in blood pressure with cognitive function in old age: prospective cohort study. <i>BMJ, The</i> , 2013, 347, f4600-f4600.	3.0	127
2209	Voxelwise Quantification of [¹¹ C](R)-Rolipram PET Data: A Comparison Between Model-Based and Data-Driven Methods. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 1032-1040.	2.4	12
2210	Brain Systems for Probabilistic and Dynamic Prediction: Computational Specificity and Integration. <i>PLoS Biology</i> , 2013, 11, e1001662.	2.6	35
2211	Alterations in Cerebral Oxygen Metabolism after Traumatic Brain Injury in Children. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 48-52.	2.4	27
2212	Functional neural correlates of emotional expression processing deficits in behavioural variant frontotemporal dementia. <i>Journal of Psychiatry and Neuroscience</i> , 2013, 38, 174-182.	1.4	31
2213	Modulation of neural activation following treatment of hepatic encephalopathy. <i>Neurology</i> , 2013, 80, 1041-1047.	1.5	22
2214	Pulse-Triggered DTI Sequence with Reduced FOV and Coronal Acquisition at 3T for the Assessment of the Cervical Spinal Cord in Patients with Myelitis. <i>American Journal of Neuroradiology</i> , 2013, 34, 676-682.	1.2	10
2215	Investigation of Whole-Brain White Matter Identifies Altered Water Mobility in the Pathogenesis of High-Altitude Headache. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 1286-1294.	2.4	20
2216	3-D Residual Eddy Current Field Characterisation: Applied to Diffusion Weighted Magnetic Resonance Imaging. <i>IEEE Transactions on Medical Imaging</i> , 2013, 32, 1515-1525.	5.4	7
2217	Optic neuritis interferes with optical coherence tomography and magnetic resonance imaging correlations. <i>Multiple Sclerosis Journal</i> , 2013, 19, 443-450.	1.4	100
2218	Thalamic Shape Abnormalities in Antipsychotic Naïve Schizophrenia. <i>Indian Journal of Psychological Medicine</i> , 2013, 35, 34-38.	0.6	11
2219	Acquisition Guidelines and Quality Assessment Tools for Analyzing Neonatal Diffusion Tensor MRI Data. <i>American Journal of Neuroradiology</i> , 2013, 34, 1496-1505.	1.2	26
2220	Task-Based Core-Periphery Organization of Human Brain Dynamics. <i>PLoS Computational Biology</i> , 2013, 9, e1003171.	1.5	302
2221	Slow-Wave Activity Saturation and Thalamocortical Isolation During Propofol Anesthesia in Humans. <i>Science Translational Medicine</i> , 2013, 5, 208ra148.	5.8	162

#	ARTICLE	IF	CITATIONS
2222	Multiparametric MRI study of ALS stratified for the <i>C9orf72</i> genotype. <i>Neurology</i> , 2013, 81, 361-369.	1.5	150
2223	Comparison of CO ₂ in Air Versus Carbogen for the Measurement of Cerebrovascular Reactivity with Magnetic Resonance Imaging. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 1799-1805.	2.4	37
2224	The effects of hydrocephalus on the periventricular white matter in intracerebral hemorrhage: a diffuser tensor imaging study. <i>International Journal of Neuroscience</i> , 2013, 123, 420-424.	0.8	23
2225	The Influence of Noise on Bold-Mediated Vessel Size Imaging Analysis Methods. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 1857-1863.	2.4	7
2226	Individual Differences in Expert Motor Coordination Associated with White Matter Microstructure in the Cerebellum. <i>Cerebral Cortex</i> , 2013, 23, 2282-2292.	1.6	40
2227	Functional Relevance of Micromodules in the Human Association Cortex Delineated with High-Resolution fMRI. <i>Cerebral Cortex</i> , 2013, 23, 2863-2871.	1.6	19
2228	Tractography-Guided Stimulation of Somatosensory Fibers for Thalamic Pain Relief. <i>Stereotactic and Functional Neurosurgery</i> , 2013, 91, 328-334.	0.8	49
2229	Multi-Atlas Segmentation with Joint Label Fusion. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2013, 35, 611-623.	9.7	699
2230	The Relation Between Posttraumatic Stress Disorder and Mild Traumatic Brain Injury Acquired During Operations Enduring Freedom and Iraqi Freedom. <i>Journal of Head Trauma Rehabilitation</i> , 2013, 28, 1-12.	1.0	118
2231	Sensorimotor Training and Neural Reorganization After Stroke. <i>Journal of Neurologic Physical Therapy</i> , 2013, 37, 27-36.	0.7	40
2232	Magnetization Transfer Imaging in Premanifest and Manifest Huntington Disease: A 2-Year Follow-Up. <i>American Journal of Neuroradiology</i> , 2013, 34, 317-322.	1.2	19
2233	Imaging Cold-Activated Brown Adipose Tissue Using Dynamic T2*-Weighted Magnetic Resonance Imaging and 2-Deoxy-2-[18F]fluoro-D-glucose Positron Emission Tomography. <i>Investigative Radiology</i> , 2013, 48, 708-714.	3.5	73
2234	Mindfulness disposition and default-mode network connectivity in older adults. <i>Social Cognitive and Affective Neuroscience</i> , 2013, 8, 112-117.	1.5	65
2235	White matter and development in children with an autism spectrum disorder. <i>Autism</i> , 2013, 17, 541-557.	2.4	36
2236	Altered hypothalamic response to food in smokers. <i>American Journal of Clinical Nutrition</i> , 2013, 97, 15-22.	2.2	68
2237	Dissociable effects of surprise and model update in parietal and anterior cingulate cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E3660-9.	3.3	277
2238	Sports Concussions and Aging: A Neuroimaging Investigation. <i>Cerebral Cortex</i> , 2013, 23, 1159-1166.	1.6	148
2239	Nucleus accumbens response to gains in reputation for the self relative to gains for others predicts social media use. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 439.	1.0	113

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2240	Development of cortical microstructure in the preterm human brain. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 9541-9546.	3.3	293
2241	Olive oil aroma extract modulates cerebral blood flow in gustatory brain areas in humans. American Journal of Clinical Nutrition, 2013, 98, 1360-1366.	2.2	13
2242	Prefrontal Cholinergic Mechanisms Instigating Shifts from Monitoring for Cues to Cue-Guided Performance: Converging Electrochemical and fMRI Evidence from Rats and Humans. Journal of Neuroscience, 2013, 33, 8742-8752.	1.7	121
2243	High Angular Resolution Diffusion Imaging Probabilistic Tractography of the Auditory Radiation. American Journal of Neuroradiology, 2013, 34, 1573-1578.	1.2	74
2244	A hitchhiker's guide to diffusion tensor imaging. Frontiers in Neuroscience, 2013, 7, 31.	1.4	615
2245	Regional and Hemispheric Variation in Cortical Thickness in Chimpanzees (<i>Pan troglodytes</i>). Journal of Neuroscience, 2013, 33, 5241-5248.	1.7	30
2246	Cerebellar asymmetry and its relation to cerebral asymmetry estimated by intrinsic functional connectivity. Journal of Neurophysiology, 2013, 109, 46-57.	0.9	98
2247	Brain imaging and human nutrition: which measures to use in intervention studies?. British Journal of Nutrition, 2013, 110, S1-S30.	1.2	50
2248	Human Parietofrontal Networks Related to Action Observation Detected at Rest. Cerebral Cortex, 2013, 23, 178-186.	1.6	16
2249	Adenosine A2A Receptors in Secondary Progressive Multiple Sclerosis: A [11C]TMSX Brain PET Study. Journal of Cerebral Blood Flow and Metabolism, 2013, 33, 1394-1401.	2.4	79
2250	A Scaffold for Efficiency in the Human Brain. Journal of Neuroscience, 2013, 33, 17150-17159.	1.7	64
2251	Functional Maturation of the Executive System during Adolescence. Journal of Neuroscience, 2013, 33, 16249-16261.	1.7	225
2252	Decoding Working Memory of Stimulus Contrast in Early Visual Cortex. Journal of Neuroscience, 2013, 33, 10301-10311.	1.7	57
2253	Discriminative Analysis of Mild Alzheimer's Disease and Normal Aging Using Volume of Hippocampal Subfields and Hippocampal Mean Diffusivity. American Journal of Alzheimer's Disease and Other Dementias, 2013, 28, 627-633.	0.9	47
2254	Cerebral Blood Flow and Glucose Metabolism Measured With Positron Emission Tomography Are Decreased in Human Type 1 Diabetes. Diabetes, 2013, 62, 2898-2904.	0.3	32
2255	Diffusion Tensor Imaging Findings of Optic Radiation in Patients with Putaminal Hemorrhage. European Neurology, 2013, 69, 236-241.	0.6	11
2256	Persistent differences in patterns of brain activation after sports-related concussion: a longitudinal fMRI study. British Journal of Sports Medicine, 2013, 47, e1.21-e1.	3.1	1
2257	Identification of discrete functional subregions of the human periaqueductal gray. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 17101-17106.	3.3	125

#	ARTICLE	IF	CITATIONS
2258	Frontotemporal white-matter microstructural abnormalities in adolescents with conduct disorder: a diffusion tensor imaging study. <i>Psychological Medicine</i> , 2013, 43, 401-411.	2.7	96
2259	Global Functional Connectivity Abnormalities in Children with <scp>F</scp>etal <scp>A</scp>lcohol <scp>S</scp>pectrum <scp>D</scp>isorders. <i>Alcoholism: Clinical and Experimental Research</i> , 2013, 37, 748-756.	1.4	82
2260	Restingâ€State Synchrony in Shortâ€Term Versus Longâ€Term Abstinent Alcoholics. <i>Alcoholism: Clinical and Experimental Research</i> , 2013, 37, 794-803.	1.4	67
2261	Reduced default mode network connectivity in treatmentâ€resistant idiopathic generalized epilepsy. <i>Epilepsia</i> , 2013, 54, 461-470.	2.6	73
2262	Integration of XNAT/PACS, DICOM, and research software for automated multi-modal image analysis. , 2013, 8674, .		15
2263	White Matter Integrity Pre- and Post Marijuana and Alcohol Initiation in Adolescence. <i>Brain Sciences</i> , 2013, 3, 396-414.	1.1	57
2264	Multilingualism and fMRI: Longitudinal Study of Second Language Acquisition. <i>Brain Sciences</i> , 2013, 3, 849-876.	1.1	10
2265	Neural Correlates of Activities of Daily Living in Frontotemporal Dementia. <i>Journal of Geriatric Psychiatry and Neurology</i> , 2013, 26, 51-57.	1.2	22
2266	The relationship between the localization of the generalized spike and wave discharge generators and the response to valproate. <i>Epilepsia</i> , 2013, 54, 471-480.	2.6	48
2267	Nonrigid Medical Image Registration Based on Mesh Deformation Constraints. <i>Computational and Mathematical Methods in Medicine</i> , 2013, 2013, 1-8.	0.7	1
2268	Resting-State Functional MRI in Pediatric Epilepsy Surgery. <i>Pediatric Neurosurgery</i> , 2013, 49, 261-273.	0.4	23
2269	Functional Language Networks in Sedentary and Physically Active Older Adults. <i>Journal of the International Neuropsychological Society</i> , 2013, 19, 625-634.	1.2	23
2270	Brain functional abnormality in schizo-affective disorder: an fMRI study. <i>Psychological Medicine</i> , 2013, 43, 143-153.	2.7	14
2271	Decreased White Matter Integrity in Neuropsychologically Defined Mild Cognitive Impairment Is Independent of Cortical Thinning. <i>Journal of the International Neuropsychological Society</i> , 2013, 19, 925-937.	1.2	28
2272	Altered cingulum bundle microstructure in autism spectrum disorder. <i>Acta Neuropsychiatrica</i> , 2013, 25, 275-282.	1.0	27
2273	Relationship between somatosensory function and the spinothalamocortical pathway in chronic stroke patients. <i>Somatosensory & Motor Research</i> , 2013, 30, 197-200.	0.4	6
2274	A Bayesian non-parametric Potts model with application to pre-surgical FMRI data. <i>Statistical Methods in Medical Research</i> , 2013, 22, 364-381.	0.7	17
2275	Modulation of the Default-Mode Network Between Rest and Task in Alzheimer's Disease. <i>Cerebral Cortex</i> , 2013, 23, 1685-1694.	1.6	36

#	ARTICLE	IF	CITATIONS
2276	Structural changes of central white matter tracts in Kennedy's disease - a diffusion tensor imaging and voxel-based morphometry study. <i>Acta Neurologica Scandinavica</i> , 2013, 127, 323-328.	1.0	20
2277	Fiber type characterization in skeletal muscle by diffusion tensor imaging. <i>NMR in Biomedicine</i> , 2013, 26, 1220-1224.	1.6	52
2278	Chasing shadows: What determines DTI metrics in gray matter regions? An in vitro and in vivo study. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 38, 1103-1110.	1.9	36
2279	Preserved white matter integrity is a marker of familial longevity. <i>Annals of Neurology</i> , 2013, 74, 883-892.	2.8	5
2280	Long-Standing Balancing Selection in the <i>THBS4</i> Gene: Influence on Sex-Specific Brain Expression and Gray Matter Volumes in Alzheimer Disease. <i>Human Mutation</i> , 2013, 34, 743-753.	1.1	7
2281	From Connectivity Models to Region Labels: Identifying Foci of a Neurological Disorder. <i>IEEE Transactions on Medical Imaging</i> , 2013, 32, 2078-2098.	5.4	15
2282	Neuroanatomical asymmetries and handedness in chimpanzees (<i>Pan troglodytes</i>): a case for continuity in the evolution of hemispheric specialization. <i>Annals of the New York Academy of Sciences</i> , 2013, 1288, 17-35.	1.8	41
2283	Diffusion tensor MRI evaluation of the corona radiata, cingulate gyri, and corpus callosum in HIV patients. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 38, 1488-1493.	1.9	48
2284	Multicenter measurements of myelin water fraction and geometric mean T_2 : Intra- and intersite reproducibility. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 38, 1445-1453.	1.9	61
2285	Magnetic Resonance Field Strength Effects on Diffusion Measures and Brain Connectivity Networks. <i>Brain Connectivity</i> , 2013, 3, 72-86.	0.8	42
2286	The Network Modification (NeMo) Tool: Elucidating the Effect of White Matter Integrity Changes on Cortical and Subcortical Structural Connectivity. <i>Brain Connectivity</i> , 2013, 3, 451-463.	0.8	95
2287	Medial temporal cortices in ex vivo magnetic resonance imaging. <i>Journal of Comparative Neurology</i> , 2013, 521, 4177-4188.	0.9	20
2288	Computer-controlled stimulation for functional magnetic resonance imaging studies of the neonatal olfactory system. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2013, 102, 868-875.	0.7	25
2289	Network structure and dynamics of the mental workspace. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 16277-16282.	3.3	42
2290	Two-dimensional ^1H -resolved proton MR spectroscopy and prior knowledge fitting (ProFit) in the frontal and parietal lobes of healthy volunteers: Assessment of metabolite discrimination and general reproducibility. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 37, 642-651.	1.9	30
2291	Individual prediction of white matter injury following traumatic brain injury. <i>Annals of Neurology</i> , 2013, 73, 489-499.	2.8	79
2292	Moderate to severe traumatic brain injury causes delayed loss of white matter integrity: Evidence of fornix deterioration in the chronic stage of injury. <i>Brain Injury</i> , 2013, 27, 1415-1422.	0.6	49
2293	Total Generalized Variation in Diffusion Tensor Imaging. <i>SIAM Journal on Imaging Sciences</i> , 2013, 6, 487-525.	1.3	104

#	ARTICLE	IF	CITATIONS
2294	Obesity is associated with white matter atrophy: A combined diffusion tensor imaging and voxel-based morphometric study. <i>Obesity</i> , 2013, 21, 2530-2537.	1.5	108
2295	Microstructural integrity of early-versus late-myelinating white matter tracts in medial temporal lobe epilepsy. <i>Epilepsia</i> , 2013, 54, 1801-1809.	2.6	32
2296	Effortful retrieval reduces hippocampal activity and impairs incidental encoding. <i>Hippocampus</i> , 2013, 23, 367-379.	0.9	13
2297	Resting-state fMRI activity in the basal ganglia predicts unsupervised learning performance in a virtual reality environment. , 2013, , .		2
2298	Area Preserving Brain Mapping. , 2013, , .		21
2299	Impact of Analysis Methods on the Reproducibility and Reliability of Resting-State Networks. <i>Brain Connectivity</i> , 2013, 3, 363-374.	0.8	47
2300	Matching Structural, Effective, and Functional Connectivity: A Comparison Between Structural Equation Modeling and Ancestral Graphs. <i>Brain Connectivity</i> , 2013, 3, 375-385.	0.8	4
2301	Automated MRI segmentation for individualized modeling of current flow in the human head. <i>Journal of Neural Engineering</i> , 2013, 10, 066004.	1.8	143
2302	Sulcal Depth-Position Profile Is a Genetically Mediated Neuroscientific Trait: Description and Characterization in the Central Sulcus. <i>Journal of Neuroscience</i> , 2013, 33, 15618-15625.	1.7	33
2303	Simultaneous EEG-fMRI Reveals Temporal Evolution of Coupling between Supramodal Cortical Attention Networks and the Brainstem. <i>Journal of Neuroscience</i> , 2013, 33, 19212-19222.	1.7	96
2304	Vowel Category Boundaries Enhance Cortical and Behavioral Responses to Speech Feedback Alterations. <i>Journal of Neuroscience</i> , 2013, 33, 12090-12098.	1.7	115
2305	CSF neurofilament and N-acetylaspartate related brain changes in clinically isolated syndrome. <i>Multiple Sclerosis Journal</i> , 2013, 19, 436-442.	1.4	70
2306	Functional organization of human posterior parietal cortex: grasping- and reaching-related activations relative to topographically organized cortex. <i>Journal of Neurophysiology</i> , 2013, 109, 2897-2908.	0.9	106
2307	Prediction of Aphasia Outcome Using Diffusion Tensor Tractography for Arcuate Fasciculus in Stroke. <i>American Journal of Neuroradiology</i> , 2013, 34, 785-790.	1.2	72
2308	Structural and functional brain connectivity in presymptomatic familial frontotemporal dementia. <i>Neurology</i> , 2013, 80, 814-823.	1.5	134
2309	FATCAT: (An Efficient) Functional And Tractographic Connectivity Analysis Toolbox. <i>Brain Connectivity</i> , 2013, 3, 523-535.	0.8	178
2311	Disruption of visual and motor connectivity in spinocerebellar ataxia type 7. <i>Movement Disorders</i> , 2013, 28, 1708-1716.	2.2	35
2312	Peripheral Nerve Injury Induces Immediate Increases in Layer V Neuronal Activity. <i>Neurorehabilitation and Neural Repair</i> , 2013, 27, 664-672.	1.4	20

#	ARTICLE	IF	CITATIONS
2313	Increased Functional Connectivity and Brain Atrophy in Elderly with Subjective Memory Complaints. <i>Brain Connectivity</i> , 2013, 3, 353-362.	0.8	132
2314	Resting-state functional connectivity in adults with childhood emotional maltreatment. <i>Psychological Medicine</i> , 2013, 43, 1825-1836.	2.7	127
2315	Impaired Default Mode Network on Resting-State fMRI in Children with Medically Refractory Epilepsy. <i>American Journal of Neuroradiology</i> , 2013, 34, 552-557.	1.2	34
2316	The Perirhinal Cortex and Recognition Memory Interference. <i>Journal of Neuroscience</i> , 2013, 33, 4192-4200.	1.7	33
2317	Sustained Striatal Activity Predicts Eudaimonic Well-Being and Cortisol Output. <i>Psychological Science</i> , 2013, 24, 2191-2200.	1.8	128
2318	Neuroimaging correlates of everyday action in dementia. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2013, 35, 993-1005.	0.8	14
2319	Intracortical Myelin Links with Performance Variability across the Human Lifespan: Results from T1- and T2-Weighted MRI Myelin Mapping and Diffusion Tensor Imaging. <i>Journal of Neuroscience</i> , 2013, 33, 18618-18630.	1.7	247
2320	Diffusion tensor imaging of white matter networks in individuals with current and remitted alcohol use disorders and comorbid conditions.. <i>Psychology of Addictive Behaviors</i> , 2013, 27, 455-465.	1.4	35
2321	Uncinate fasciculus fractional anisotropy correlates with typical use of reappraisal in women but not men.. <i>Emotion</i> , 2013, 13, 385-390.	1.5	33
2322	Neural correlates of self-focused and other-focused strategies for coping with cigarette cue exposure.. <i>Psychology of Addictive Behaviors</i> , 2013, 27, 466-476.	1.4	24
2323	White matter integrity, substance use, and risk taking in adolescence.. <i>Psychology of Addictive Behaviors</i> , 2013, 27, 431-442.	1.4	81
2324	Research Methods in Social and Affective Neuroscience. , 2014, , 123-158.		8
2325	Concurrent Erythropoietin and Hypothermia Treatment Improve Outcomes in a Term Nonhuman Primate Model of Perinatal Asphyxia. <i>Developmental Neuroscience</i> , 2013, 35, 491-503.	1.0	102
2326	Structural brain changes associated with tardive dyskinesia in schizophrenia. <i>British Journal of Psychiatry</i> , 2013, 203, 51-57.	1.7	36
2327	Stereoelectroencephalography. <i>Neurosurgery</i> , 2013, 72, 353-366.	0.6	451
2328	Compressed sensing reconstruction improves sensitivity of variable density spiral fMRI. <i>Magnetic Resonance in Medicine</i> , 2013, 70, 1634-1643.	1.9	34
2329	Cerebral Diffusion Tensor MR Tractography in Tuberous Sclerosis Complex: Correlation with Neurologic Severity and Tract-Based Spatial Statistical Analysis. <i>American Journal of Neuroradiology</i> , 2013, 34, 1829-1835.	1.2	17
2330	Semantic processing and response inhibition. <i>NeuroReport</i> , 2013, 24, 889-893.	0.6	11

#	ARTICLE	IF	CITATIONS
2331	The Pattern of Diffusion Parameter Changes in Alzheimer's Disease, Identified by Means of Linked Independent Component Analysis. <i>Journal of Alzheimer's Disease</i> , 2013, 36, 119-128.	1.2	14
2332	Behavioral Control in Alcohol Use Disorders: Relationships With Severity. <i>Journal of Studies on Alcohol and Drugs</i> , 2013, 74, 141-151.	0.6	68
2333	Subcortical connectivity in dementia with Lewy bodies and Alzheimer's disease. <i>British Journal of Psychiatry</i> , 2013, 203, 209-214.	1.7	38
2334	PANDA: a pipeline toolbox for analyzing brain diffusion images. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 42.	1.0	583
2335	The Ascending Reticular Activating System from Pontine Reticular Formation to the Thalamus in the Human Brain. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 416.	1.0	120
2336	Genetic Variation in the Alpha Synuclein Gene (SNCA) Is Associated With BOLD Response to Alcohol Cues. <i>Journal of Studies on Alcohol and Drugs</i> , 2013, 74, 233-244.	0.6	12
2337	Relationship between diffusion-tensor fractional anisotropy and long-term outcome in patients with hemiparesis after intracerebral hemorrhage. <i>NeuroRehabilitation</i> , 2013, 32, 87-94.	0.5	13
2338	The representation of tool and non-tool object information in the human intraparietal sulcus. <i>Journal of Neurophysiology</i> , 2013, 109, 2883-2896.	0.9	70
2339	White Matter Characteristics of Idiopathic Normal Pressure Hydrocephalus: A Diffusion Tensor Tract-Based Spatial Statistic Study. <i>Neurologia Medico-Chirurgica</i> , 2013, 53, 601-608.	1.0	37
2340	Diffusion Tensor Imaging Surpasses Cerebrospinal Fluid as Predictor of Cognitive Decline and Medial Temporal Lobe Atrophy in Subjective Cognitive Impairment and Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2013, 33, 723-736.	1.2	95
2341	Precommissural Fornix in the Human Brain: A Diffusion Tensor Tractography Study. <i>Yonsei Medical Journal</i> , 2013, 54, 315.	0.9	25
2342	Uso de volumetría y carga lesional en el seguimiento de pacientes con esclerosis múltiple: Experiencia local y revisión de la literatura. <i>Revista Chilena De Radiología</i> , 2013, 19, 156-164.	0.2	3
2343	Statistical Analysis of Brain MRI Data. <i>Japanese Journal of Biometrics</i> , 2013, 33, 145-174.	0.0	2
2344	A Comparative White Matter Study with Parkinson's disease, Parkinson's Disease with Dementia and Alzheimer's Disease. , 2013, 03, 123.		18
2345	Synesthesia, Hyper-Connectivity, and Diffusion Tensor Imaging. , 2013, , .		1
2346	Robust Tract Skeleton Extraction of Cingulum Based on Active Contour Model from Diffusion Tensor MR Imaging. <i>PLoS ONE</i> , 2013, 8, e56113.	1.1	6
2347	Regional Variation in Brain White Matter Diffusion Index Changes following Chemoradiotherapy: A Prospective Study Using Tract-Based Spatial Statistics. <i>PLoS ONE</i> , 2013, 8, e57768.	1.1	53
2348	Increased Brain White Matter Axial Diffusivity Associated with Fatigue, Pain and Hyperalgesia in Gulf War Illness. <i>PLoS ONE</i> , 2013, 8, e58493.	1.1	94

#	ARTICLE	IF	CITATIONS
2349	Reduced Ventral Cingulum Integrity and Increased Behavioral Problems in Children with Isolated Optic Nerve Hypoplasia and Mild to Moderate or No Visual Impairment. PLoS ONE, 2013, 8, e59048.	1.1	7
2350	Whole Brain Approaches for Identification of Microstructural Abnormalities in Individual Patients: Comparison of Techniques Applied to Mild Traumatic Brain Injury. PLoS ONE, 2013, 8, e59382.	1.1	55
2351	White Matter Changes in Patients with Amnesic Mild Cognitive Impairment Detected by Diffusion Tensor Imaging. PLoS ONE, 2013, 8, e59440.	1.1	32
2352	Dissociated Grey Matter Changes with Prolonged Addiction and Extended Abstinence in Cocaine Users. PLoS ONE, 2013, 8, e59645.	1.1	78
2353	Magnetic Resonance Imaging of the Newborn Brain: Automatic Segmentation of Brain Images into 50 Anatomical Regions. PLoS ONE, 2013, 8, e59990.	1.1	78
2354	aBEAT: A Toolbox for Consistent Analysis of Longitudinal Adult Brain MRI. PLoS ONE, 2013, 8, e60344.	1.1	9
2355	Autistic Traits in Neurotypical Adults: Correlates of Graph Theoretical Functional Network Topology and White Matter Anisotropy Patterns. PLoS ONE, 2013, 8, e60982.	1.1	28
2356	Neural Effects of Positive and Negative Incentives during Marijuana Withdrawal. PLoS ONE, 2013, 8, e61470.	1.1	50
2357	Accelerating Fibre Orientation Estimation from Diffusion Weighted Magnetic Resonance Imaging Using GPUs. PLoS ONE, 2013, 8, e61892.	1.1	152
2358	Progressive White Matter Microstructure Damage in Male Chronic Heroin Dependent Individuals: A DTI and TBSS Study. PLoS ONE, 2013, 8, e63212.	1.1	49
2359	Exercise Challenge in Gulf War Illness Reveals Two Subgroups with Altered Brain Structure and Function. PLoS ONE, 2013, 8, e63903.	1.1	70
2360	Inter Subject Variability and Reproducibility of Diffusion Tensor Imaging within and between Different Imaging Sessions. PLoS ONE, 2013, 8, e65941.	1.1	58
2361	Spatial vs. Temporal Features in ICA of Resting-State fMRI – A Quantitative and Qualitative Investigation in the Context of Response Inhibition. PLoS ONE, 2013, 8, e66572.	1.1	25
2362	Discrete Neural Correlates for the Recognition of Negative Emotions: Insights from Frontotemporal Dementia. PLoS ONE, 2013, 8, e67457.	1.1	150
2363	Affect and the Brain's Functional Organization: A Resting-State Connectivity Approach. PLoS ONE, 2013, 8, e68015.	1.1	34
2364	BrainNet Viewer: A Network Visualization Tool for Human Brain Connectomics. PLoS ONE, 2013, 8, e68910.	1.1	3,003
2365	Altered White Matter Architecture in BDNF Met Carriers. PLoS ONE, 2013, 8, e69290.	1.1	17
2366	New Non-Linear Color Look-Up Table for Visualization of Brain Fractional Anisotropy Based on Normative Measurements – Principals and First Clinical Use. PLoS ONE, 2013, 8, e71431.	1.1	2

#	ARTICLE	IF	CITATIONS
2367	Enlargement of Cerebral Ventricles as an Early Indicator of Encephalomyelitis. PLoS ONE, 2013, 8, e72841.	1.1	22
2368	Age-Specific Average Head Template for Typically Developing 6-Month-Old Infants. PLoS ONE, 2013, 8, e73821.	1.1	21
2369	Alterations of White Matter Integrity Related to the Season of Birth in Schizophrenia: A DTI Study. PLoS ONE, 2013, 8, e75508.	1.1	16
2370	Deployment and Post-Deployment Experiences in OEF/OIF Veterans: Relationship to Gray Matter Volume. PLoS ONE, 2013, 8, e75880.	1.1	12
2371	Examination of Cognitive Fatigue in Multiple Sclerosis using Functional Magnetic Resonance Imaging and Diffusion Tensor Imaging. PLoS ONE, 2013, 8, e78811.	1.1	120
2372	Fiber Pathways of Attention Subnetworks Revealed with Tract-Based Spatial Statistics (TBSS) and Probabilistic Tractography. PLoS ONE, 2013, 8, e78831.	1.1	35
2373	Fast Bootstrapping and Permutation Testing for Assessing Reproducibility and Interpretability of Multivariate fMRI Decoding Models. PLoS ONE, 2013, 8, e79271.	1.1	16
2374	White Matter Microstructure Alterations: A Study of Alcoholics with and without Post-Traumatic Stress Disorder. PLoS ONE, 2013, 8, e80952.	1.1	25
2375	Abnormal Organization of White Matter Network in Patients with No Dementia after Ischemic Stroke. PLoS ONE, 2013, 8, e81388.	1.1	21
2376	Differential Contributions of Dorso-Ventral and Rostro-Caudal Prefrontal White Matter Tracts to Cognitive Control in Healthy Older Adults. PLoS ONE, 2013, 8, e81410.	1.1	15
2377	In Vivo Quantitative Susceptibility Mapping (QSM) in Alzheimer's Disease. PLoS ONE, 2013, 8, e81093.	1.1	235
2378	Acute nicotine administration effects on fractional anisotropy of cerebral white matter and associated attention performance. Frontiers in Pharmacology, 2013, 4, 117.	1.6	31
2379	Combined structural and functional imaging reveals cortical deactivations in grapheme-color synaesthesia. Frontiers in Psychology, 2013, 4, 755.	1.1	20
2380	A taste for words and sounds: a case of lexical-gustatory and sound-gustatory synesthesia. Frontiers in Psychology, 2013, 4, 775.	1.1	11
2381	Resting-State Functional Connectivity in Late-Life Depression: Higher Global Connectivity and More Long Distance Connections. Frontiers in Psychiatry, 2012, 3, 116.	1.3	78
2382	Enlarged Thalamic Volumes and Increased Fractional Anisotropy in the Thalamic Radiations in Veterans with Suicide Behaviors. Frontiers in Psychiatry, 2013, 4, 83.	1.3	54
2383	Altered White Matter Integrity in the Congenital and Late Blind People. Neural Plasticity, 2013, 2013, 1-8.	1.0	52
2384	Drive for consumption, craving, and connectivity in the visual cortex during the imagery of desired food. Frontiers in Aging Neuroscience, 2013, 5, 77.	1.7	17

#	ARTICLE	IF	CITATIONS
2385	Characterizing Functional Connectivity Differences in Aging Adults using Machine Learning on Resting State fMRI Data. <i>Frontiers in Computational Neuroscience</i> , 2013, 7, 38.	1.2	69
2386	Fronto-striatal gray matter contributions to discrimination learning in Parkinson's disease. <i>Frontiers in Computational Neuroscience</i> , 2013, 7, 180.	1.2	12
2387	Resting State Interhemispheric Motor Connectivity and White Matter Integrity Correlate with Motor Impairment in Chronic Stroke. <i>Frontiers in Neurology</i> , 2013, 4, 178.	1.1	84
2389	Caffeine-Induced Global Reductions in Resting-State BOLD Connectivity Reflect Widespread Decreases in MEG Connectivity. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 63.	1.0	37
2390	Beyond Noise: Using Temporal ICA to Extract Meaningful Information from High-Frequency fMRI Signal Fluctuations during Rest. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 168.	1.0	149
2391	The Quest for EEG Power Band Correlation with ICA Derived fMRI Resting State Networks. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 315.	1.0	17
2392	Structural changes in left fusiform areas and associated fiber connections in children with abacus training: evidence from morphometry and tractography. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 335.	1.0	35
2393	Three Ways in Which Midline Regions Contribute to Self-Evaluation. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 450.	1.0	50
2394	Comparing the Microvascular Specificity of the 3- and 7-T BOLD Response Using ICA and Susceptibility-Weighted Imaging. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 474.	1.0	11
2395	Applying Independent Component Analysis to Clinical fMRI at 7T. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 496.	1.0	16
2396	Decreased small-world functional network connectivity and clustering across resting state networks in schizophrenia: an fMRI classification tutorial. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 520.	1.0	95
2397	Approaches to local connectivity in autism using resting state functional connectivity MRI. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 605.	1.0	97
2398	Repeating with the right hemisphere: reduced interactions between phonological and lexical-semantic systems in crossed aphasia?. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 675.	1.0	9
2399	BrainCAT – a tool for automated and combined functional magnetic resonance imaging and diffusion tensor imaging brain connectivity analysis. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 794.	1.0	12
2400	Age related changes in striatal resting state functional connectivity in autism. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 814.	1.0	78
2401	Dissociated repetition deficits in aphasia can reflect flexible interactions between left dorsal and ventral streams and gender-dimorphic architecture of the right dorsal stream. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 873.	1.0	13
2402	Fully automated rodent brain MR image processing pipeline on a Midas server: from acquired images to region-based statistics. <i>Frontiers in Neuroinformatics</i> , 2013, 7, 15.	1.3	26
2403	The Cerebral Blood Flow Biomedical Informatics Research Network (CBFBIRN) database and analysis pipeline for arterial spin labeling MRI data. <i>Frontiers in Neuroinformatics</i> , 2013, 7, 21.	1.3	20

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2404	A midas plugin to enable construction of reproducible web-based image processing pipelines. <i>Frontiers in Neuroinformatics</i> , 2013, 7, 46.	1.3	0
2405	Incorrect ICBM-DTI-81 atlas orientation and white matter labels. <i>Frontiers in Neuroscience</i> , 2013, 7, 4.	1.4	28
2406	Optimized Design and Analysis of Sparse-Sampling fMRI Experiments. <i>Frontiers in Neuroscience</i> , 2013, 7, 55.	1.4	85
2407	ICA model order selection of task co-activation networks. <i>Frontiers in Neuroscience</i> , 2013, 7, 237.	1.4	188
2408	What shall I be, what must I be: neural correlates of personal goal activation. <i>Frontiers in Integrative Neuroscience</i> , 2013, 6, 123.	1.0	34
2409	Combined diffusion-weighted and functional magnetic resonance imaging reveals a temporal-occipital network involved in auditory-visual object processing. <i>Frontiers in Integrative Neuroscience</i> , 2013, 7, 5.	1.0	44
2410	Cortical sources of ERP in prosaccade and antisaccade eye movements using realistic source models. <i>Frontiers in Systems Neuroscience</i> , 2013, 7, 27.	1.2	22
2411	Decomposition of spontaneous brain activity into distinct fMRI co-activation patterns. <i>Frontiers in Systems Neuroscience</i> , 2013, 7, 101.	1.2	171
2412	Differential Diagnosis Tool for Parkinsonian Syndrome Using Multiple Structural Brain Measures. <i>Computational and Mathematical Methods in Medicine</i> , 2013, 2013, 1-10.	0.7	11
2413	Impacts of Normal Aging on Different Working Memory Tasks: Implications from an fMRI Study. <i>Behavioural Neurology</i> , 2013, 27, 235-244.	1.1	3
2414	Cognitive Intraindividual Variability and White Matter Integrity in Aging. <i>Scientific World Journal</i> , The, 2013, 2013, 1-16.	0.8	26
2415	Fundamentals of MRI for assessing brain function and metabolism. , 0, , 22-30.		1
2417	White Matter Hyperintensities on 1.5 and 3 Tesla Brain MRI in Healthy Individuals. <i>Journal of Biomedical Graphics and Computing</i> , 2013, 3, .	0.2	5
2418	A FDG-PET and fMRI Study on Glucose Metabolism and Hemodynamic Response during Visual Attentional Performance in Schizophrenia. <i>OMICS Journal of Radiology</i> , 2013, 2, .	0.0	2
2419	A Manual, Semi-Automated and Automated ROI Study of fMRI Hemodynamic Response in the Caudate Nucleus. <i>OMICS Journal of Radiology</i> , 2013, 2, .	0.0	0
2420	Functional Reorganization of the Default Mode Network across Chronic Pain Conditions. <i>PLoS ONE</i> , 2014, 9, e106133.	1.1	423
2421	The Connectome Visualization Utility: Software for Visualization of Human Brain Networks. <i>PLoS ONE</i> , 2014, 9, e113838.	1.1	27
2422	Reduced Right Frontal Fractional Anisotropy Correlated with Early Elevated Plasma LDL Levels in Obese Young Adults. <i>PLoS ONE</i> , 2014, 9, e108180.	1.1	21

#	ARTICLE	IF	CITATIONS
2423	Real-Time, Transcranial Monitoring of Safe Blood-Brain Barrier Opening in Non-Human Primates. PLoS ONE, 2014, 9, e84310.	1.1	78
2424	Association of Structural Global Brain Network Properties with Intelligence in Normal Aging. PLoS ONE, 2014, 9, e86258.	1.1	62
2425	Contrasting Prefrontal Cortex Contributions to Episodic Memory Dysfunction in Behavioural Variant Frontotemporal Dementia and Alzheimer's Disease. PLoS ONE, 2014, 9, e87778.	1.1	36
2426	Elaboration versus Suppression of Cued Memories: Influence of Memory Recall Instruction and Success on Parietal Lobe, Default Network, and Hippocampal Activity. PLoS ONE, 2014, 9, e89037.	1.1	1
2427	Response of the Primary Auditory and Non-Auditory Cortices to Acoustic Stimulation: A Manganese-Enhanced MRI Study. PLoS ONE, 2014, 9, e90427.	1.1	6
2428	Apraxia and Motor Dysfunction in Corticobasal Syndrome. PLoS ONE, 2014, 9, e92944.	1.1	26
2429	Disruptions in Brain Networks of Older Fallers Are Associated with Subsequent Cognitive Decline: A 12-Month Prospective Exploratory Study. PLoS ONE, 2014, 9, e93673.	1.1	33
2430	Diffusion Tensor Imaging and Resting-State Functional MRI-Scanning in 5- and 6-Year-Old Children: Training Protocol and Motion Assessment. PLoS ONE, 2014, 9, e94019.	1.1	66
2431	A Robust Post-Processing Workflow for Datasets with Motion Artifacts in Diffusion Kurtosis Imaging. PLoS ONE, 2014, 9, e94592.	1.1	17
2432	Robust Data Driven Model Order Estimation for Independent Component Analysis of fMRI Data with Low Contrast to Noise. PLoS ONE, 2014, 9, e94943.	1.1	16
2433	A Robust Classifier to Distinguish Noise from fMRI Independent Components. PLoS ONE, 2014, 9, e95493.	1.1	24
2434	Altered Hypothalamic Functional Connectivity with Autonomic Circuits and the Locus Coeruleus in Migraine. PLoS ONE, 2014, 9, e95508.	1.1	110
2435	Secondary Progressive and Relapsing Remitting Multiple Sclerosis Leads to Motor-Related Decreased Anatomical Connectivity. PLoS ONE, 2014, 9, e95540.	1.1	17
2436	fMRI Evidence for the Involvement of the Procedural Memory System in Morphological Processing of a Second Language. PLoS ONE, 2014, 9, e97298.	1.1	46
2437	The Gray Matter Volume of the Amygdala Is Correlated with the Perception of Melodic Intervals: A Voxel-Based Morphometry Study. PLoS ONE, 2014, 9, e99889.	1.1	8
2438	Spatial Patterns of Whole Brain Grey and White Matter Injury in Patients with Occult Spastic Diplegic Cerebral Palsy. PLoS ONE, 2014, 9, e100451.	1.1	7
2439	Trait Aggressiveness Is Not Related to Structural Connectivity between Orbitofrontal Cortex and Amygdala. PLoS ONE, 2014, 9, e101105.	1.1	18
2440	Widespread Disruption of Functional Brain Organization in Early-Onset Alzheimer's Disease. PLoS ONE, 2014, 9, e102995.	1.1	56

#	ARTICLE	IF	CITATIONS
2441	Effects of VRK2 (rs2312147) on White Matter Connectivity in Patients with Schizophrenia. PLoS ONE, 2014, 9, e103519.	1.1	14
2442	Subjective Somatosensory Experiences Disclosed by Focused Attention: Cortical-Hippocampal-Insular and Amygdala Contributions. PLoS ONE, 2014, 9, e104721.	1.1	21
2443	An Efficient Approach for Differentiating Alzheimer's Disease from Normal Elderly Based on Multicenter MRI Using Gray-Level Invariant Features. PLoS ONE, 2014, 9, e105563.	1.1	18
2444	A Diffusion-Tensor-Based White Matter Atlas for Rhesus Macaques. PLoS ONE, 2014, 9, e107398.	1.1	32
2445	Physical Activity and Cardiorespiratory Fitness Are Beneficial for White Matter in Low-Fit Older Adults. PLoS ONE, 2014, 9, e107413.	1.1	132
2446	The Functional Connectivity Landscape of the Human Brain. PLoS ONE, 2014, 9, e111007.	1.1	44
2447	Diffusion Tensor Imaging of Parkinson's Disease, Multiple System Atrophy and Progressive Supranuclear Palsy: A Tract-Based Spatial Statistics Study. PLoS ONE, 2014, 9, e112638.	1.1	72
2448	Short Association Fibres of the Insula-Temporoparietal Junction in Early Psychosis: A Diffusion Tensor Imaging Study. PLoS ONE, 2014, 9, e112842.	1.1	7
2449	Grey and White Matter Correlates of Recent and Remote Autobiographical Memory Retrieval "Insights from the Dementias. PLoS ONE, 2014, 9, e113081.	1.1	56
2450	Validation of Network Communicability Metrics for the Analysis of Brain Structural Networks. PLoS ONE, 2014, 9, e115503.	1.1	40
2451	Optimized Brain Extraction for Pathological Brains (optiBET). PLoS ONE, 2014, 9, e115551.	1.1	191
2452	Disruption of thalamic functional connectivity is a neural correlate of dexmedetomidine-induced unconsciousness. ELife, 2014, 3, e04499.	2.8	135
2453	Scanning fast and slow: current limitations of 3 Tesla functional MRI and future potential. Frontiers in Physics, 2014, 2, 00001.	1.0	20
2454	Poor receptive joint attention skills are associated with atypical gray matter asymmetry in the posterior superior temporal gyrus of chimpanzees (Pan troglodytes). Frontiers in Psychology, 2014, 5, 7.	1.1	18
2455	Meal replacement: calming the hot-state brain network of appetite. Frontiers in Psychology, 2014, 5, 249.	1.1	19
2456	TVA-based assessment of attentional capacities and associations with age and indices of brain white matter microstructure. Frontiers in Psychology, 2014, 5, 1177.	1.1	31
2457	Interactive effects of vascular risk burden and advanced age on cerebral blood flow. Frontiers in Aging Neuroscience, 2014, 6, 159.	1.7	73
2458	Diffusion tensor imaging in Alzheimer's disease: insights into the limbic-diencephalic network and methodological considerations. Frontiers in Aging Neuroscience, 2014, 6, 266.	1.7	96

#	ARTICLE	IF	CITATIONS
2459	Brain functional connectivity changes in children that differ in impulsivity temperamental trait. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 156.	1.0	28
2460	Frontal and temporal lobe contributions to emotional enhancement of memory in behavioral-variant frontotemporal dementia and Alzheimer's disease. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 225.	1.0	33
2461	Instrument specific use-dependent plasticity shapes the anatomical properties of the corpus callosum: a comparison between musicians and non-musicians. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 245.	1.0	30
2462	Temporal Lobe Epilepsy and Surgery Selectively Alter the Dorsal, Not the Ventral, Default-Mode Network. <i>Frontiers in Neurology</i> , 2014, 5, 23.	1.1	18
2463	Differences in neural connectivity between the substantia nigra and ventral tegmental area in the human brain. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 41.	1.0	44
2464	Nondirective meditation activates default mode network and areas associated with memory retrieval and emotional processing. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 86.	1.0	60
2465	Development of the transcallosal motor fiber from the corticospinal tract in the human brain: diffusion tensor imaging study. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 153.	1.0	11
2466	Topological organization of the "small-world" visual attention network in children with attention deficit/hyperactivity disorder (ADHD). <i>Frontiers in Human Neuroscience</i> , 2014, 8, 162.	1.0	52
2467	Written distractor words influence brain activity during overt picture naming. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 167.	1.0	12
2468	Parietal plasticity after training with a complex video game is associated with individual differences in improvements in an untrained working memory task. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 169.	1.0	40
2469	Enhanced peripheral visual processing in congenitally deaf humans is supported by multiple brain regions, including primary auditory cortex. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 177.	1.0	82
2470	Injury of the Mammillothalamic Tract in Patients with Thalamic Hemorrhage. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 259.	1.0	11
2471	Successful tactile based visual sensory substitution use functions independently of visual pathway integrity. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 291.	1.0	22
2472	Injury of the cingulum in patients with putaminal hemorrhage: a diffusion tensor tractography study. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 366.	1.0	11
2473	Functional specialization of the left ventral parietal cortex in working memory. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 440.	1.0	9
2474	Individual differences in cortical face selectivity predict behavioral performance in face recognition. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 483.	1.0	49
2475	The influence of expertise on brain activation of the action observation network during anticipation of tennis and volleyball serves. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 568.	1.0	67
2476	The different maturation of the corticospinal tract and corticoreticular pathway in normal brain development: diffusion tensor imaging study. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 573.	1.0	48

#	ARTICLE	IF	CITATIONS
2477	Functional MRI activation in white matter during the Symbol Digit Modalities Test. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 589.	1.0	28
2478	Partially overlapping sensorimotor networks underlie speech praxis and verbal short-term memory: evidence from apraxia of speech following acute stroke. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 649.	1.0	27
2479	Individual fMRI maps of all phalanges and digit bases of all fingers in human primary somatosensory cortex. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 658.	1.0	36
2480	Effects of navigated TMS on object and action naming. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 660.	1.0	46
2481	Using fMRI non-local means denoising to uncover activation in sub-cortical structures at 1.5 T for guided HARDI tractography. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 715.	1.0	23
2482	The neural processing of foreign-accented speech and its relationship to listener bias. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 768.	1.0	31
2483	Affective and cognitive prefrontal cortex projections to the lateral habenula in humans. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 819.	1.0	27
2484	The hypothesis of neuronal interconnectivity as a function of brain size – a general organization principle of the human connectome. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 915.	1.0	113
2485	Dipy, a library for the analysis of diffusion MRI data. <i>Frontiers in Neuroinformatics</i> , 2014, 8, 8.	1.3	891
2486	Machine learning for neuroimaging with scikit-learn. <i>Frontiers in Neuroinformatics</i> , 2014, 8, 14.	1.3	1,422
2487	BROCCOLI: Software for fast fMRI analysis on many-core CPUs and GPUs. <i>Frontiers in Neuroinformatics</i> , 2014, 8, 24.	1.3	74
2488	The multi-modal Australian ScienceS Imaging and Visualization Environment (MASSIVE) high performance computing infrastructure: applications in neuroscience and neuroinformatics research. <i>Frontiers in Neuroinformatics</i> , 2014, 8, 30.	1.3	68
2489	A simple tool for neuroimaging data sharing. <i>Frontiers in Neuroinformatics</i> , 2014, 8, 52.	1.3	6
2490	Stereoscopic three-dimensional visualization applied to multimodal brain images: clinical applications and a functional connectivity atlas. <i>Frontiers in Neuroscience</i> , 2014, 8, 328.	1.4	15
2491	Negative BOLD in default-mode structures measured with EEG-MREG is larger in temporal than extra-temporal epileptic spikes. <i>Frontiers in Neuroscience</i> , 2014, 8, 335.	1.4	16
2492	Thalamocortical Connections between the Mediodorsal Nucleus of the Thalamus and Prefrontal Cortex in the Human Brain: A Diffusion Tensor Tractographic Study. <i>Yonsei Medical Journal</i> , 2014, 55, 709.	0.9	39
2493	Is Anterior Communicating Artery Syndrome Related to Fornix Lesions?. <i>Journal of Alzheimer's Disease</i> , 2014, 42, S199-S204.	1.2	9
2494	Identification of BDNF Sensitive Electrophysiological Markers of Synaptic Activity and Their Structural Correlates in Healthy Subjects Using a Genetic Approach Utilizing the Functional BDNF Val66Met Polymorphism. <i>PLoS ONE</i> , 2014, 9, e95558.	1.1	12

#	ARTICLE	IF	CITATIONS
2495	Increase of Pyramidal Tract Fractional Anisotropy on MRI after Stem Cell Transplantation in ALS Patients. <i>Journal of Neurology & Neurophysiology</i> , 2014, 05, .	0.1	0
2496	Functional brain imaging and its application to uncover mechanisms driving food intake in humans. <i>Journal of Biomedical Graphics and Computing</i> , 2014, 4, .	0.2	2
2497	Costs of control: decreased motor cortex engagement during a Go/NoGo task in Tourette's syndrome. <i>Brain</i> , 2014, 137, 122-136.	3.7	72
2498	Diffusion tensor tractography for the dorsal spinocerebellar tract in the human brain. <i>Somatosensory & Motor Research</i> , 2014, 31, 7-10.	0.4	9
2499	Diffuse white matter tract abnormalities in clinically normal ageing retired athletes with a history of sports-related concussions. <i>Brain</i> , 2014, 137, 2997-3011.	3.7	108
2500	Acupuncture Stimulation of Taichong (Liv3) and Hegu (LI4) Modulates the Default Mode Network Activity in Alzheimer's Disease. <i>American Journal of Alzheimer's Disease and Other Dementias</i> , 2014, 29, 739-748.	0.9	67
2501	Age-related Differences in the Neural Bases of Phonological and Semantic Processes. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 2798-2811.	1.1	32
2502	The effects of hemorrhagic parenchymal infarction on the establishment of sensori-motor structural and functional connectivity in early infancy. <i>Neuroradiology</i> , 2014, 56, 985-994.	1.1	40
2503	Frontoparietal Representations of Task Context Support the Flexible Control of Goal-Directed Cognition. <i>Journal of Neuroscience</i> , 2014, 34, 10743-10755.	1.7	129
2504	The Control of Global Brain Dynamics: Opposing Actions of Frontoparietal Control and Default Mode Networks on Attention. <i>Journal of Neuroscience</i> , 2014, 34, 451-461.	1.7	174
2505	Compensatory Changes Accompanying Chronic Forced Use of the Nondominant Hand by Unilateral Amputees. <i>Journal of Neuroscience</i> , 2014, 34, 3622-3631.	1.7	74
2506	The distribution of the cortical origin of the corticoreticular pathway in the human brain: A diffusion tensor imaging study. <i>Somatosensory & Motor Research</i> , 2014, 31, 204-208.	0.4	22
2507	White matter changes linked to visual recovery after nerve decompression. <i>Science Translational Medicine</i> , 2014, 6, 266ra173.	5.8	26
2508	Assessment of regional MR diffusion changes in dementia with Lewy bodies and Alzheimer's disease. <i>International Psychogeriatrics</i> , 2014, 26, 627-635.	0.6	12
2509	Structural and functional imaging of the hippocampus in young people at familial risk of depression. <i>Psychological Medicine</i> , 2014, 44, 2939-2948.	2.7	33
2510	Amygdala and anterior cingulate resting-state functional connectivity in borderline personality disorder patients with a history of interpersonal trauma. <i>Psychological Medicine</i> , 2014, 44, 2889-2901.	2.7	69
2511	Early Musical Training Is Linked to Gray Matter Structure in the Ventral Premotor Cortex and Auditory-Motor Rhythm Synchronization Performance. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 755-767.	1.1	89
2512	Reconciling Variable Findings of White Matter Integrity in Major Depressive Disorder. <i>Neuropsychopharmacology</i> , 2014, 39, 1332-1339.	2.8	57

#	ARTICLE	IF	CITATIONS
2513	Free D-aspartate regulates neuronal dendritic morphology, synaptic plasticity, gray matter volume and brain activity in mammals. <i>Translational Psychiatry</i> , 2014, 4, e417-e417.	2.4	47
2514	FKBP5 Genotype and Structural Integrity of the Posterior Cingulum. <i>Neuropsychopharmacology</i> , 2014, 39, 1206-1213.	2.8	60
2515	The multimodal connectivity of the hippocampal complex in auditory and visual hallucinations. <i>Molecular Psychiatry</i> , 2014, 19, 184-191.	4.1	127
2516	Common and distinct neural features of social and non-social reward processing in autism and social anxiety disorder. <i>Social Cognitive and Affective Neuroscience</i> , 2014, 9, 367-377.	1.5	113
2517	To Exclude or Not To Exclude: Further Examination of the Influence of White Matter Hyperintensities in Diffusion Tensor Imaging Research. <i>Journal of Neurotrauma</i> , 2014, 31, 198-205.	1.7	18
2518	Abnormal White Matter Integrity Related to Head Impact Exposure in a Season of High School Varsity Football. <i>Journal of Neurotrauma</i> , 2014, 31, 1617-1624.	1.7	189
2519	Effects of Beta-Amyloid on Resting State Functional Connectivity Within and Between Networks Reflect Known Patterns of Regional Vulnerability. <i>Cerebral Cortex</i> , 2016, 26, bhu259.	1.6	85
2520	Electroconvulsive therapy mediates neuroplasticity of white matter microstructure in major depression. <i>Translational Psychiatry</i> , 2014, 4, e380-e380.	2.4	115
2521	Loss of pons-to-hypothalamic white matter tracks in brainstem obesity. <i>International Journal of Obesity</i> , 2014, 38, 1573-1577.	1.6	9
2522	Tract-Specific Fractional Anisotropy Predicts Cognitive Outcome in a Community Sample of Middle-Aged Participants with White Matter Lesions. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 861-869.	2.4	16
2523	Subcortical, Modality-Specific Pathways Contribute to Multisensory Processing in Humans. <i>Cerebral Cortex</i> , 2014, 24, 2169-2177.	1.6	45
2524	Neuroimaging, Behavioral, and Psychological Sequelae of Repetitive Combined Blast/Impact Mild Traumatic Brain Injury in Iraq and Afghanistan War Veterans. <i>Journal of Neurotrauma</i> , 2014, 31, 425-436.	1.7	181
2525	Persistent Differences in Patterns of Brain Activation after Sports-Related Concussion: A Longitudinal Functional Magnetic Resonance Imaging Study. <i>Journal of Neurotrauma</i> , 2014, 31, 180-188.	1.7	120
2526	Learning to Read Improves the Structure of the Arcuate Fasciculus. <i>Cerebral Cortex</i> , 2014, 24, 989-995.	1.6	174
2527	Disruption of brain white matter microstructure in women with anorexia nervosa. <i>Journal of Psychiatry and Neuroscience</i> , 2014, 39, 367-375.	1.4	61
2528	Decomposing Decision Components in the Stop-signal Task: A Model-based Approach to Individual Differences in Inhibitory Control. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 1601-1614.	1.1	77
2529	Implication of the anterior commissure in the allocation of attention to action. <i>Frontiers in Psychology</i> , 2014, 5, 432.	1.1	15
2530	Abnormalities in White Matter Microstructure Associated with Chronic Ketamine Use. <i>Neuropsychopharmacology</i> , 2014, 39, 329-338.	2.8	50

#	ARTICLE	IF	CITATIONS
2531	Microinfarct disruption of white matter structure. <i>Neurology</i> , 2014, 83, 182-188.	1.5	64
2532	The Face of Negative Affect: Trial-by-Trial Corrugator Responses to Negative Pictures Are Positively Associated with Amygdala and Negatively Associated with Ventromedial Prefrontal Cortex Activity. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 2102-2110.	1.1	65
2533	Influencing Food Choices by Training: Evidence for Modulation of Frontoparietal Control Signals. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 247-268.	1.1	18
2534	Observing, Performing, and Understanding Actions: Revisiting the Role of Cortical Motor Areas in Processing of Action Words. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 1644-1653.	1.1	19
2535	Body mass index and brain structure in healthy children and adolescents. <i>International Journal of Neuroscience</i> , 2014, 124, 49-55.	0.8	100
2536	Relative anterior safe area for invasive procedures in the human brain: Diffusion tensor tractography. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2014, 23, 247-251.	0.6	4
2537	Sex differences in the IQ-white matter microstructure relationship: A DTI study. <i>Brain and Cognition</i> , 2014, 91, 71-78.	0.8	62
2538	Reduced fiber integrity and cognitive control in adolescents with internet gaming disorder. <i>Brain Research</i> , 2014, 1586, 109-117.	1.1	52
2539	White matter correlates of sensory processing in autism spectrum disorders. <i>NeuroImage: Clinical</i> , 2014, 6, 379-387.	1.4	46
2540	Resting state networks distinguish human ventral tegmental area from substantia nigra. <i>NeuroImage</i> , 2014, 100, 580-589.	2.1	196
2541	Prefrontal recruitment during social rejection predicts greater subsequent self-regulatory imbalance and impairment: neural and longitudinal evidence. <i>NeuroImage</i> , 2014, 101, 485-493.	2.1	33
2542	Improving diffusion-weighted imaging of post-mortem human brains: SSFP at 7T. <i>NeuroImage</i> , 2014, 102, 579-589.	2.1	42
2543	The influence of stimulus format on drawing—a functional imaging study of decision making in portrait drawing. <i>NeuroImage</i> , 2014, 102, 608-619.	2.1	14
2544	Long-term effects of amyloid, hypometabolism, and atrophy on neuropsychological functions. <i>Neurology</i> , 2014, 82, 1768-1775.	1.5	51
2545	The interactive effect of social pain and executive functioning on aggression: an fMRI experiment. <i>Social Cognitive and Affective Neuroscience</i> , 2014, 9, 699-704.	1.5	77
2546	Volumetric, cortical thickness and white matter integrity alterations in bipolar disorder type I and II. <i>Journal of Affective Disorders</i> , 2014, 169, 118-127.	2.0	72
2547	Injury to a specific neural pathway detected by ultra-high-field MRI. <i>Neurology</i> , 2014, 82, 182-183.	1.5	5
2548	A Neural Circuit Covarying with Social Hierarchy in Macaques. <i>PLoS Biology</i> , 2014, 12, e1001940.	2.6	133

#	ARTICLE	IF	CITATIONS
2549	Regions of Mid-level Human Visual Cortex Sensitive to the Global Coherence of Local Image Patches. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 1764-1774.	1.1	4
2550	Interpolation of diffusion weighted imaging datasets. <i>NeuroImage</i> , 2014, 103, 202-213.	2.1	122
2551	Extensive White Matter Dysfunction in Cognitively Impaired Patients with Secondary-Progressive Multiple Sclerosis. <i>American Journal of Neuroradiology</i> , 2014, 35, 1910-1915.	1.2	7
2552	Deficits in Process-Specific Prefrontal and Hippocampal Activations Contribute to Adult Age Differences in Episodic Memory Interference. <i>Cerebral Cortex</i> , 2014, 24, 1832-1844.	1.6	38
2553	Specific Resting-State Brain Networks in Mesial Temporal Lobe Epilepsy. <i>Frontiers in Neurology</i> , 2014, 5, 127.	1.1	27
2554	Side of Limb-Onset Predicts Laterality of Gray Matter Loss in Amyotrophic Lateral Sclerosis. <i>BioMed Research International</i> , 2014, 2014, 1-11.	0.9	18
2555	Injury of the mammillothalamic tract in patients with subarachnoid haemorrhage: a retrospective diffusion tensor imaging study. <i>BMJ Open</i> , 2014, 4, e005613-e005613.	0.8	28
2556	It's not all in your car: functional and structural correlates of exceptional driving skills in professional racers. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 888.	1.0	33
2557	White matter integrity as a predictor of response to treatment in first episode psychosis. <i>Brain</i> , 2014, 137, 172-182.	3.7	130
2558	Widespread grey matter pathology dominates the longitudinal cerebral MRI and clinical landscape of amyotrophic lateral sclerosis. <i>Brain</i> , 2014, 137, 2546-2555.	3.7	151
2559	The Brain Circuitry Mediating Antipruritic Effects of Acupuncture. <i>Cerebral Cortex</i> , 2014, 24, 873-882.	1.6	73
2560	A brain MRI atlas of the common squirrel monkey, <i>Saimiri sciureus</i> . , 2014, 9038, 90380C.		12
2561	An automatic tool to facilitate the statistical group analysis of DTI. <i>Computers in Biology and Medicine</i> , 2014, 53, 76-84.	3.9	0
2562	A Cloud-Based Image Analysis Gateway for Traumatic Brain Injury Research. , 2014, , .		5
2563	Coregistering functional near-infrared spectroscopy with underlying cortical areas in infants. <i>Neurophotonics</i> , 2014, 1, 025006.	1.7	93
2564	Improved Frontoparietal White Matter Integrity in Overweight Children Is Associated with Attendance at an After-School Exercise Program. <i>Developmental Neuroscience</i> , 2014, 36, 1-9.	1.0	90
2565	The caudate: a key node in the neuronal network imbalance of insomnia?. <i>Brain</i> , 2014, 137, 610-620.	3.7	128
2566	Morphological changes of aging brain structure in MRI analysis. , 2014, , .		6

#	ARTICLE	IF	CITATIONS
2567	Structural and functional brain connectivity in presymptomatic familial frontotemporal dementia. <i>Neurology</i> , 2014, 83, e19-26.	1.5	127
2568	Preterm nutritional intake and MRI phenotype at term age: a prospective observational study. <i>BMJ Open</i> , 2014, 4, e005390.	0.8	27
2569	Brain Structure and Function in Patients after Metal-on-Metal Hip Resurfacing. <i>American Journal of Neuroradiology</i> , 2014, 35, 1753-1758.	1.2	34
2570	Cerebellar language mapping and cerebral language dominance in pediatric epilepsy surgery patients. <i>NeuroImage: Clinical</i> , 2014, 6, 296-306.	1.4	30
2571	Anterior interosseous nerve syndrome. <i>Neurology</i> , 2014, 82, 598-606.	1.5	154
2572	Development of the Default Mode and Central Executive Networks across early adolescence: A longitudinal study. <i>Developmental Cognitive Neuroscience</i> , 2014, 10, 148-159.	1.9	246
2573	A Longitudinal Diffusion Tensor Imaging Study Assessing White Matter Fiber Tracts after Sports-Related Concussion. <i>Journal of Neurotrauma</i> , 2014, 31, 1860-1871.	1.7	97
2574	Regional variations in vascular density correlate with resting-state and task-evoked blood oxygen level-dependent signal amplitude. <i>Human Brain Mapping</i> , 2014, 35, 1906-1920.	1.9	59
2575	Simultaneous multislice spectral-spatial excitations for reduced signal loss susceptibility artifact in BOLD functional MRI. <i>Magnetic Resonance in Medicine</i> , 2014, 72, 1342-1352.	1.9	8
2576	Trial History Effects in the Ventral Attentional Network. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 2789-2797.	1.1	16
2577	In Vivo ³⁵ Cl MR Imaging in Humans: A Feasibility Study. <i>Radiology</i> , 2014, 271, 585-595.	3.6	50
2578	The <i>APOE</i> ϵ 4 allele in relation to brain white matter microstructure in adulthood and aging. <i>Scandinavian Journal of Psychology</i> , 2014, 55, 263-267.	0.8	28
2579	Age-Related Reorganizational Changes in Modularity and Functional Connectivity of Human Brain Networks. <i>Brain Connectivity</i> , 2014, 4, 662-676.	0.8	233
2580	Assessment of electric field distribution in anisotropic cortical and subcortical regions under the influence of tDCS. <i>Bioelectromagnetics</i> , 2014, 35, 41-57.	0.9	36
2581	In vivo whole-brain <i>T1</i> ρ mapping across adulthood: Normative values and age dependence. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 40, 376-382.	1.9	27
2582	A randomized controlled phase II trial of riluzole in early multiple sclerosis. <i>Annals of Clinical and Translational Neurology</i> , 2014, 1, 340-347.	1.7	33
2583	The visual system in eyelid myoclonia with absences. <i>Annals of Neurology</i> , 2014, 76, 412-427.	2.8	68
2584	Pity or peanuts? Oxytocin induces different neural responses to the same infant crying labeled as sick or bored. <i>Developmental Science</i> , 2014, 17, 248-256.	1.3	19

#	ARTICLE	IF	CITATIONS
2585	CHILDHOOD MALTREATMENT AND COMBAT POSTTRAUMATIC STRESS DIFFERENTIALLY PREDICT FEAR-RELATED FRONTO-SUBCORTICAL CONNECTIVITY. <i>Depression and Anxiety</i> , 2014, 31, 880-892.	2.0	110
2586	Differential Modulation of Reinforcement Learning by D2 Dopamine and NMDA Glutamate Receptor Antagonism. <i>Journal of Neuroscience</i> , 2014, 34, 13151-13162.	1.7	60
2587	The Role of Diffusion Tensor Imaging in Detecting Microstructural Changes in Prodromal Alzheimer's Disease. <i>CNS Neuroscience and Therapeutics</i> , 2014, 20, 3-9.	1.9	55
2588	Transcranial cavitation detection in primates during blood-brain barrier opening-a performance assessment study. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2014, 61, 966-978.	1.7	79
2589	Altered corticomotor-cerebellar integrity in young ataxia telangiectasia patients. <i>Movement Disorders</i> , 2014, 29, 1289-1298.	2.2	13
2590	Functional Compensation in the Ventromedial Prefrontal Cortex Improves Memory-Dependent Decisions in Older Adults. <i>Journal of Neuroscience</i> , 2014, 34, 15648-15657.	1.7	48
2591	Do preprocessing algorithms and statistical models influence voxel-based morphometry (VBM) results in amyotrophic lateral sclerosis patients? A systematic comparison of popular VBM analytical methods. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 40, 662-667.	1.9	25
2592	Exercise boosts hippocampal volume by preventing early age-related gray matter loss. <i>Hippocampus</i> , 2014, 24, 131-134.	0.9	36
2593	White matter microstructure correlates of mathematical giftedness and intelligence quotient. <i>Human Brain Mapping</i> , 2014, 35, 2619-2631.	1.9	144
2594	Symmetry of the fornix using diffusion tensor imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 40, 929-936.	1.9	6
2595	Associations between white matter lesion volume and regional white matter microstructure in aging. <i>Human Brain Mapping</i> , 2014, 35, 1085-1100.	1.9	54
2596	Links between white matter microstructure and cortisol reactivity to stress in early childhood: Evidence for moderation by parenting. <i>NeuroImage: Clinical</i> , 2014, 6, 77-85.	1.4	35
2597	Common and unique gray matter correlates of episodic memory dysfunction in frontotemporal dementia and alzheimer's disease. <i>Human Brain Mapping</i> , 2014, 35, 1422-1435.	1.9	142
2598	Structural correlates of subjective and objective memory performance in multiple sclerosis. <i>Hippocampus</i> , 2014, 24, 436-445.	0.9	23
2599	Neural correlates of progressive reduction of bradykinesia in de novo Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2014, 20, 1376-1381.	1.1	35
2600	Functionally Dissociable Influences on Learning Rate in a Dynamic Environment. <i>Neuron</i> , 2014, 84, 870-881.	3.8	216
2601	Three-dimensional whole-brain perfusion quantification using pseudo-continuous arterial spin labeling MRI at multiple post-labeling delays: accounting for both arterial transit time and impulse response function. <i>NMR in Biomedicine</i> , 2014, 27, 116-128.	1.6	35
2602	Intraoperative dorsal language network mapping by using single-pulse electrical stimulation. <i>Human Brain Mapping</i> , 2014, 35, 4345-4361.	1.9	120

#	ARTICLE	IF	CITATIONS
2603	Parahippocampal gray matter alterations in Spinocerebellar Ataxia Type 2 identified by voxel based morphometry. <i>Journal of the Neurological Sciences</i> , 2014, 347, 50-58.	0.3	32
2604	Diffusional kurtosis imaging reveals a distinctive pattern of microstructural alternations in idiopathic generalized epilepsy. <i>Acta Neurologica Scandinavica</i> , 2014, 130, 148-155.	1.0	30
2605	Neural substrates of visual masking by object substitution in schizophrenia. <i>Human Brain Mapping</i> , 2014, 35, 4654-4662.	1.9	5
2606	Neural correlates of sensory enabling presentation: An fMRI study of image zooming and rotation video effects on online apparel shopping. <i>Journal of Consumer Behaviour</i> , 2014, 13, 342-350.	2.6	26
2607	Zernike moments descriptor matching based symmetric optical flow for motion estimation and image registration. , 2014, , .		2
2608	Short repetition time multiband echo planar imaging with simultaneous pulse recording allows dynamic imaging of the cardiac pulsation signal. <i>Magnetic Resonance in Medicine</i> , 2014, 72, 1268-1276.	1.9	34
2609	Abnormalities of brain response during encoding into verbal working memory among euthymic patients with bipolar disorder. <i>Bipolar Disorders</i> , 2014, 16, 289-299.	1.1	32
2610	Event related fMRI at 7T reveals overlapping cortical representations for adjacent fingertips in S1 of individual subjects. <i>Human Brain Mapping</i> , 2014, 35, 2027-2043.	1.9	77
2611	Anomalous Temporoparietal Activity in Individuals with a Family History of Alcoholism: Studies from the Oklahoma Family Health Patterns Project. <i>Alcoholism: Clinical and Experimental Research</i> , 2014, 38, 1639-1645.	1.4	13
2612	Label fusion segmentation and deformation based shape analysis of deep gray matter in multiple sclerosis: The impact of thalamic subnuclei on disability. <i>Human Brain Mapping</i> , 2014, 35, 4193-4203.	1.9	34
2613	Bayesian inferences for beta semiparametric mixed models to analyze longitudinal neuroimaging data. <i>Biometrical Journal</i> , 2014, 56, 662-677.	0.6	3
2614	In vivo waveguide elastography: Effects of neurodegeneration in patients with amyotrophic lateral sclerosis. <i>Magnetic Resonance in Medicine</i> , 2014, 72, 1755-1761.	1.9	58
2615	Big data analysis of the human brain's functional interactions based on fMRI. <i>Science Bulletin</i> , 2014, 59, 5059-5065.	1.7	4
2616	Functional MRI mapping of visual function and selective attention for performance assessment and presurgical planning using conjunctive visual search. <i>Brain and Behavior</i> , 2014, 4, 227-237.	1.0	31
2617	Reduced Gray Matter Volume and Increased White Matter Fractional Anisotropy in Women with Hypoactive Sexual Desire Disorder. <i>Journal of Sexual Medicine</i> , 2014, 11, 753-767.	0.3	15
2618	White Matter Damage of the Brain is Associated with Poor Outcome in Vascular Surgery Patients with Claudication: A Pilot Study. <i>European Journal of Vascular and Endovascular Surgery</i> , 2014, 48, 687-693.	0.8	3
2619	A common brain network links development, aging, and vulnerability to disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 17648-17653.	3.3	268
2620	Decreased Prefrontal Cortical Dopamine Transmission in Alcoholism. <i>American Journal of Psychiatry</i> , 2014, 171, 881-888.	4.0	55

#	ARTICLE	IF	CITATIONS
2621	Effect of respiration on the B ₀ field in the human spinal cord at 3T. <i>Magnetic Resonance in Medicine</i> , 2014, 72, 1629-1636.	1.9	77
2622	The Map Effect. <i>Annals of the American Association of Geographers</i> , 2014, 104, 96-113.	3.0	5
2623	Structural connectivity in late-onset mania. <i>Bipolar Disorders</i> , 2014, 16, 208-210.	1.1	1
2624	Longitudinal reliability of tract-based spatial statistics in diffusion tensor imaging. <i>Human Brain Mapping</i> , 2014, 35, 4544-4555.	1.9	76
2625	The miR-137 schizophrenia susceptibility variant rs1625579 does not predict variability in brain volume in a sample of schizophrenic patients and healthy individuals. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2014, 165, 467-471.	1.1	17
2626	Reduced cerebral gray matter and altered white matter in boys with Duchenne muscular dystrophy. <i>Annals of Neurology</i> , 2014, 76, 403-411.	2.8	90
2627	Effect of Deafferentation from Spinal Anesthesia on Pain Sensitivity and Resting-State Functional Brain Connectivity in Healthy Male Volunteers. <i>Brain Connectivity</i> , 2014, 4, 404-416.	0.8	13
2628	Sex dimorphism in the white matter: Fractional anisotropy and brain size. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 39, 917-923.	1.9	43
2629	Neural processing of race during imitation: Self-Similarity Versus Social Status. <i>Human Brain Mapping</i> , 2014, 35, 1723-1739.	1.9	30
2630	The burden of microstructural damage modulates cortical activation in elderly subjects with MCI and leukoencephalopathy. A DTI and fMRI study. <i>Human Brain Mapping</i> , 2014, 35, 819-830.	1.9	48
2631	Visualization of acute focal lesions in rats with experimental autoimmune encephalomyelitis by magnetic nanoparticles, comparing different MRI sequences including phase imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 39, 1126-1135.	1.9	9
2632	Association between white matter fiber structure and reward-related reactivity of the ventral striatum. <i>Human Brain Mapping</i> , 2014, 35, 1469-1476.	1.9	35
2633	Posterior parietal cortex activity reflects the significance of others' actions during natural viewing. <i>Human Brain Mapping</i> , 2014, 35, 4767-4776.	1.9	18
2634	Association Between Structural and Functional Connectivity in the Verb Generation Network. <i>Brain Connectivity</i> , 2014, 4, 221-229.	0.8	2
2635	<i>In vivo</i> T ₂ relaxation time measurement with echo-time averaging. <i>NMR in Biomedicine</i> , 2014, 27, 863-869.	1.6	7
2636	Multisystem Component Phenotypes of Bipolar Disorder for Genetic Investigations of Extended Pedigrees. <i>JAMA Psychiatry</i> , 2014, 71, 375.	6.0	87
2637	Effect of Leukocyte Telomere Length on Total and Regional Brain Volumes in a Large Population-Based Cohort. <i>JAMA Neurology</i> , 2014, 71, 1247.	4.5	74
2638	Distinct patterns of cortical atrophy in ALS patients with or without dementia: An MRI VBM study. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2014, 15, 216-225.	1.1	32

#	ARTICLE	IF	CITATIONS
2639	Blocking Lymphocyte Trafficking with FTY720 Prevents Inflammation-Sensitized Hypoxic-Ischemic Brain Injury in Newborns. <i>Journal of Neuroscience</i> , 2014, 34, 16467-16481.	1.7	69
2640	Strategic white matter tracts for processing speed deficits in age-related small vessel disease. <i>Neurology</i> , 2014, 82, 1946-1950.	1.5	116
2641	A two years longitudinal study of a transgenic Huntington disease monkey. <i>BMC Neuroscience</i> , 2014, 15, 36.	0.8	56
2642	The role of mirroring and mentalizing networks in mediating action intentions in autism. <i>Molecular Autism</i> , 2014, 5, 50.	2.6	53
2643	Longitudinal relaxographic imaging of white matter hyperintensities in the elderly. <i>Fluids and Barriers of the CNS</i> , 2014, 11, 24.	2.4	11
2644	How machine learning is shaping cognitive neuroimaging. <i>GigaScience</i> , 2014, 3, 28.	3.3	95
2645	Adverse childhood experiences influence white matter microstructure in patients with bipolar disorder. <i>Psychological Medicine</i> , 2014, 44, 3069-3082.	2.7	63
2646	Neural systems for preparatory control of imitation. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130176.	1.8	23
2647	Quantitative High-Resolution Renal Perfusion Imaging Using 3-Dimensional Through-Time Radial Generalized Autocalibrating Partially Parallel Acquisition. <i>Investigative Radiology</i> , 2014, 49, 666-674.	3.5	21
2648	A comparison of neural responses to appetitive and aversive stimuli in humans and other mammals. <i>Neuroscience and Biobehavioral Reviews</i> , 2014, 45, 350-368.	2.9	88
2649	The relationship between uncinate fasciculus white matter integrity and verbal memory proficiency in children. <i>NeuroReport</i> , 2014, 25, 921-925.	0.6	16
2650	The Role of Probabilistic Tractography in the Surgical Treatment of Thalamic Gliomas. <i>Operative Neurosurgery</i> , 2014, 10, 262-272.	0.4	22
2651	A Prospective Study of the Influence of Acute Alcohol Intoxication Versus Chronic Alcohol Consumption on Outcome Following Traumatic Brain Injury. <i>Archives of Clinical Neuropsychology</i> , 2014, 29, 478-495.	0.3	20
2652	White Matter Integrity in Veterans With Mild Traumatic Brain Injury. <i>Journal of Head Trauma Rehabilitation</i> , 2014, 29, 21-32.	1.0	68
2653	Illness Behavior in Patients With Chronic Low Back Pain and Activation of the Affective Circuitry of the Brain. <i>Psychosomatic Medicine</i> , 2014, 76, 413-421.	1.3	14
2654	Alterations in white matter micro-integrity of the superior longitudinal fasciculus and anterior thalamic radiation of young adult patients with depression. <i>Psychological Medicine</i> , 2014, 44, 2825-2832.	2.7	78
2655	Structural alterations of brain grey and white matter in early deaf adults. <i>Hearing Research</i> , 2014, 318, 1-10.	0.9	48
2656	T1 magnetic resonance imaging head segmentation for diffuse optical tomography and electroencephalography. <i>Journal of Biomedical Optics</i> , 2014, 19, 026011.	1.4	23

#	ARTICLE	IF	CITATIONS
2657	Effects of insulin resistance on white matter microstructure in middle-aged and older adults. <i>Neurology</i> , 2014, 82, 1862-1870.	1.5	40
2658	Disrupted Brain Circuitry for Pain-Related Reward/Punishment in Fibromyalgia. <i>Arthritis and Rheumatology</i> , 2014, 66, 203-212.	2.9	139
2659	A comparison of neural correlates underlying social cognition in Klinefelter syndrome and autism. <i>Social Cognitive and Affective Neuroscience</i> , 2014, 9, 1926-1933.	1.5	27
2660	Alterations in brain structure in adults with anorexia nervosa and the impact of illness duration. <i>Psychological Medicine</i> , 2014, 44, 1965-1975.	2.7	79
2661	Changes to Memory Structures in Children Treated for Posterior Fossa Tumors. <i>Journal of the International Neuropsychological Society</i> , 2014, 20, 168-180.	1.2	59
2662	The influence of lumbar spinal drainage on diffusion parameters in patients with suspected normal pressure hydrocephalus using 3T MRI. <i>Acta Radiologica</i> , 2014, 55, 622-630.	0.5	11
2663	Relating resting-state fMRI and EEG whole-brain connectomes across frequency bands. <i>Frontiers in Neuroscience</i> , 2014, 8, 258.	1.4	89
2664	Functional MRI in human subjects with gradient-echo and spin-echo EPI at 9.4 T. <i>Magnetic Resonance in Medicine</i> , 2014, 71, 209-218.	1.9	57
2665	Investigation of resolution effects using a specialized diffusion tensor phantom. <i>Magnetic Resonance in Medicine</i> , 2014, 71, 1108-1116.	1.9	27
2666	Neuroimaging, <i>Neural Population Models for.</i> , 2014, , 1-29.		3
2667	COMT Val158Met, but not BDNF Val66Met, is associated with white matter abnormalities of the temporal lobe in patients with first-episode, treatment-naïve major depressive disorder: a diffusion tensor imaging study. <i>Neuropsychiatric Disease and Treatment</i> , 2014, 10, 1183.	1.0	18
2668	White matter integrity in alcohol-naïve youth with a family history of alcohol use disorders. <i>Psychological Medicine</i> , 2014, 44, 2775-2786.	2.7	22
2669	Resting-state functional connectivity of brain regions involved in cognitive control, motivation, and reward is enhanced in obese females. <i>American Journal of Clinical Nutrition</i> , 2014, 100, 524-531.	2.2	95
2670	First steps in using machine learning on fMRI data to predict intrusive memories of traumatic film footage. <i>Behaviour Research and Therapy</i> , 2014, 62, 37-46.	1.6	28
2671	Global Association Between Cortical Thinning and White Matter Integrity Reduction in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2014, 40, 420-427.	2.3	36
2672	Interactive Effects of Apolipoprotein E4 and Diabetes Risk on Later Myelinating White Matter Regions in Neurologically Healthy Older Aged Adults. <i>American Journal of Alzheimer's Disease and Other Dementias</i> , 2014, 29, 222-235.	0.9	12
2673	Influence of Stroke Infarct Location on Functional Outcome Measured by the Modified Rankin Scale. <i>Stroke</i> , 2014, 45, 1695-1702.	1.0	193
2674	Assessment of Injured Spinal Cord Using Diffusion Tensor Tractography., 2014, , 345-365.		0

#	ARTICLE	IF	CITATIONS
2675	Diffusion Imaging of Auditory and Auditory-Limbic Connectivity in Tinnitus: Preliminary Evidence and Methodological Challenges. <i>Neural Plasticity</i> , 2014, 2014, 1-16.	1.0	50
2676	Developing Image Processing Meta-Algorithms with Data Mining of Multiple Metrics. <i>Computational and Mathematical Methods in Medicine</i> , 2014, 2014, 1-7.	0.7	3
2677	Neural Correlates of Amusia in Williams Syndrome. <i>Brain Sciences</i> , 2014, 4, 594-612.	1.1	9
2678	Presurgical Tractography Applications. , 2014, , 531-567.		2
2679	DCDC2 Polymorphism Is Associated with Left Temporoparietal Gray and White Matter Structures during Development. <i>Journal of Neuroscience</i> , 2014, 34, 14455-14462.	1.7	35
2680	Structural brain abnormalities are related to retinal nerve fiber layer thinning and disease duration in neuromyelitis optica spectrum disorders. <i>Multiple Sclerosis Journal</i> , 2014, 20, 1189-1197.	1.4	70
2681	Brain white matter integrity and association with age at onset in pediatric obsessive-compulsive disorder. <i>Biology of Mood & Anxiety Disorders</i> , 2014, 4, 13.	4.7	29
2682	Contour extracting networks in early extrastriate cortex. <i>Journal of Vision</i> , 2014, 14, 18-18.	0.1	14
2683	Microstructural Brain Tissue Damage in Metabolic Syndrome. <i>Diabetes Care</i> , 2014, 37, 493-500.	4.3	49
2684	Social Subordination Stress and Serotonin Transporter Polymorphisms: Associations With Brain White Matter Tract Integrity and Behavior in Juvenile Female Macaques. <i>Cerebral Cortex</i> , 2014, 24, 3334-3349.	1.6	33
2685	Associations between age and gray matter volume in anatomical brain networks in middle-aged to older adults. <i>Aging Cell</i> , 2014, 13, 1068-1074.	3.0	106
2686	Increased temporo-insular engagement in unmedicated bipolar II disorder: an exploratory resting state study using independent component analysis. <i>Bipolar Disorders</i> , 2014, 16, 748-755.	1.1	50
2687	Aberrant resting-state functional connectivity in limbic and salience networks in treatment-naïve clinically depressed adolescents. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2014, 55, 1317-1327.	3.1	124
2688	When less is more: a functional magnetic resonance imaging study of verbal working memory in remitted depressed patients. <i>Psychological Medicine</i> , 2014, 44, 1197-1203.	2.7	21
2689	Evidence for structural and functional abnormality in the subgenual anterior cingulate cortex in major depressive disorder. <i>Psychological Medicine</i> , 2014, 44, 3263-3273.	2.7	71
2690	Tract-based spatial statistics analysis of diffusion-tensor imaging data in pediatric- and adult-onset multiple sclerosis. <i>Human Brain Mapping</i> , 2014, 35, 53-60.	1.9	14
2691	External awareness and GABA-A multimodal imaging study combining fMRI and [¹⁸ F]flumazenil-PET. <i>Human Brain Mapping</i> , 2014, 35, 173-184.	1.9	34
2692	The (Eigen)value of diffusion tensor imaging to investigate depression after traumatic brain injury. <i>Human Brain Mapping</i> , 2014, 35, 227-237.	1.9	26

#	ARTICLE	IF	CITATIONS
2693	Task and task-free fMRI reproducibility comparison for motor network identification. <i>Human Brain Mapping</i> , 2014, 35, 340-352.	1.9	62
2694	Network-based analysis reveals stronger local diffusion-based connectivity and different correlations with oral language skills in brains of children with high functioning autism spectrum disorders. <i>Human Brain Mapping</i> , 2014, 35, 396-413.	1.9	60
2695	Global and focal white matter integrity in breast cancer survivors 20 years after adjuvant chemotherapy. <i>Human Brain Mapping</i> , 2014, 35, 889-899.	1.9	98
2696	Sex differences in the neural and behavioral response to intranasal oxytocin and vasopressin during human social interaction. <i>Psychoneuroendocrinology</i> , 2014, 39, 237-248.	1.3	286
2697	A spatio-temporal latent atlas for semi-supervised learning of fetal brain segmentations and morphological age estimation. <i>Medical Image Analysis</i> , 2014, 18, 9-21.	7.0	45
2698	Gray and white matter correlates of navigational ability in humans. <i>Human Brain Mapping</i> , 2014, 35, 2561-2572.	1.9	39
2699	Brain Volume and Fatigue in Patients With Postpoliomyelitis Syndrome. <i>PM and R</i> , 2014, 6, 215-220.	0.9	5
2700	Subdivision of the occipital lobes: An anatomical and functional MRI connectivity study. <i>Cortex</i> , 2014, 56, 121-137.	1.1	64
2701	Hidden word learning capacity through orthography in aphasia. <i>Cortex</i> , 2014, 50, 174-191.	1.1	30
2702	Deconvolution filtering: Temporal smoothing revisited. <i>Magnetic Resonance Imaging</i> , 2014, 32, 721-735.	1.0	6
2703	Sex differences in connectivity of the subgenual anterior cingulate cortex. <i>Pain</i> , 2014, 155, 755-763.	2.0	67
2704	Left hemisphere fractional anisotropy increase in noise-induced tinnitus: A diffusion tensor imaging (DTI) study of white matter tracts in the brain. <i>Hearing Research</i> , 2014, 309, 8-16.	0.9	42
2705	Modality effects in paced serial addition task: Differential responses to auditory and visual stimuli. <i>Neuroscience</i> , 2014, 272, 10-20.	1.1	8
2706	Revealing the neural networks associated with processing of natural social interaction and the related effects of actor-orientation and face-visibility. <i>NeuroImage</i> , 2014, 84, 648-656.	2.1	24
2707	Thalamic atrophy and cognitive impairment in clinically isolated syndrome and multiple sclerosis. <i>Journal of the Neurological Sciences</i> , 2014, 342, 62-68.	0.3	40
2708	Neonatal EEG at scalp is focal and implies high skull conductivity in realistic neonatal head models. <i>NeuroImage</i> , 2014, 96, 73-80.	2.1	53
2709	Disrupted working memory circuitry and psychotic symptoms in 22q11.2 deletion syndrome. <i>NeuroImage: Clinical</i> , 2014, 4, 392-402.	1.4	24
2710	White matter microstructure throughout the brain correlates with visual imagery in grapheme-color synesthesia. <i>NeuroImage</i> , 2014, 90, 52-59.	2.1	10

#	ARTICLE	IF	CITATIONS
2711	A generative probability model of joint label fusion for multi-atlas based brain segmentation. <i>Medical Image Analysis</i> , 2014, 18, 881-890.	7.0	107
2712	Measuring the dynamic longitudinal cortex development in infants by reconstruction of temporally consistent cortical surfaces. <i>NeuroImage</i> , 2014, 90, 266-279.	2.1	113
2713	Sustained attention to spontaneous thumb sensations activates brain somatosensory and other proprioceptive areas. <i>Brain and Cognition</i> , 2014, 87, 86-96.	0.8	38
2714	An investigation of fMRI time series stationarity during motor sequence learning foot tapping tasks. <i>Journal of Neuroscience Methods</i> , 2014, 227, 75-82.	1.3	9
2715	Neural activation during response inhibition in adult attention-deficit/hyperactivity disorder: Preliminary findings on the effects of medication and symptom severity. <i>Psychiatry Research - Neuroimaging</i> , 2014, 222, 17-28.	0.9	39
2716	Hippocampal multimodal structural changes and subclinical depression in healthy individuals. <i>Journal of Affective Disorders</i> , 2014, 152-154, 105-112.	2.0	38
2717	Safety of 5ÂkHz tACS. <i>Brain Stimulation</i> , 2014, 7, 92-96.	0.7	34
2718	The structural and functional connectivity of the posterior cingulate cortex: Comparison between deterministic and probabilistic tractography for the investigation of structureâ€“function relationships. <i>NeuroImage</i> , 2014, 102, 118-127.	2.1	147
2719	Neural connectivity of the anterior body of the fornix in the human brain: Diffusion tensor imaging study. <i>Neuroscience Letters</i> , 2014, 559, 72-75.	1.0	13
2720	Thalamic diffusion differences related to cognitive function in white matter lesions. <i>Neurobiology of Aging</i> , 2014, 35, 1103-1110.	1.5	5
2721	Chronic cocaine administration causes extensive white matter damage in brain: Diffusion tensor imaging and immunohistochemistry studies. <i>Psychiatry Research - Neuroimaging</i> , 2014, 221, 220-230.	0.9	40
2722	Visualizing simulated electrical fields from electroencephalography and transcranial electric brain stimulation: A comparative evaluation. <i>NeuroImage</i> , 2014, 101, 513-530.	2.1	25
2723	Developmental stages and sex differences of white matter and behavioral development through adolescence: A longitudinal diffusion tensor imaging (DTI) study. <i>NeuroImage</i> , 2014, 92, 356-368.	2.1	356
2724	Impaired empathic abilities and reduced white matter integrity in schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 48, 117-123.	2.5	69
2725	Characterizing individual differences in functional connectivity using dual-regression and seed-based approaches. <i>NeuroImage</i> , 2014, 95, 1-12.	2.1	105
2726	Irritable bowel syndrome in female patients is associated with alterations in structural brain networks. <i>Pain</i> , 2014, 155, 137-149.	2.0	132
2727	Road work on memory laneâ€“Functional and structural alterations to the learning and memory circuit in adults born very preterm. <i>NeuroImage</i> , 2014, 102, 152-161.	2.1	38
2728	Altered intrahemispheric structural connectivity in Gilles de la Tourette syndrome. <i>NeuroImage: Clinical</i> , 2014, 4, 174-181.	1.4	60

#	ARTICLE	IF	CITATIONS
2729	Impaired white-matter integrity in photosensitive epilepsy: A DTI study using tract-based spatial statistics. <i>Journal of Neuroradiology</i> , 2014, 41, 131-135.	0.6	14
2730	Differential vulnerability of gray matter and white matter to intrauterine growth restriction in preterm infants at 12 months corrected age. <i>Brain Research</i> , 2014, 1545, 1-11.	1.1	93
2731	An investigation of the white matter microstructure in motion detection using diffusion MRI. <i>Brain Research</i> , 2014, 1570, 35-42.	1.1	7
2732	White Matter Injury in Newborns With Congenital Heart Disease: A Diffusion Tensor Imaging Study. <i>Pediatric Neurology</i> , 2014, 51, 377-383.	1.0	42
2733	Neurovascular coupling in normal aging: A combined optical, ERP and fMRI study. <i>NeuroImage</i> , 2014, 85, 592-607.	2.1	178
2734	Quantitative analysis of the efficacy of gradient table correction on improving the accuracy of fiber tractography. <i>Magnetic Resonance in Medicine</i> , 2014, 72, 227-236.	1.9	4
2735	Statistical analysis of fNIRS data: A comprehensive review. <i>NeuroImage</i> , 2014, 85, 72-91.	2.1	318
2736	Diffusion Tensor Imaging in Amyotrophic Lateral Sclerosisâ€”Increased Sensitivity with Optimized Region-of-Interest Delineation. <i>Clinical Neuroradiology</i> , 2014, 24, 37-42.	1.0	7
2737	Abnormal visual field maps in human cortex: A mini-review and a case report. <i>Cortex</i> , 2014, 56, 14-25.	1.1	30
2738	Structural asymmetries of language-related gray and white matter and their relationship to language function in young children with ASD. <i>Brain Imaging and Behavior</i> , 2014, 8, 60-72.	1.1	65
2739	Increased functional connectivity within memory networks following memory rehabilitation in multiple sclerosis. <i>Brain Imaging and Behavior</i> , 2014, 8, 394-402.	1.1	81
2740	Common and specific brain responses to scenic emotional stimuli. <i>Brain Structure and Function</i> , 2014, 219, 1463-1472.	1.2	27
2741	Self-injurious behaviours are associated with alterations in the somatosensory system in children with autism spectrum disorder. <i>Brain Structure and Function</i> , 2014, 219, 1251-1261.	1.2	42
2742	Linking novelty seeking and harm avoidance personality traits to basal ganglia: volumetry and mean diffusivity. <i>Brain Structure and Function</i> , 2014, 219, 793-803.	1.2	34
2743	Comprehensive morphometry of subcortical grey matter structures in earlyâ€”stage Parkinson's disease. <i>Human Brain Mapping</i> , 2014, 35, 1681-1690.	1.9	84
2744	Fuzzy C-mean based brain MRI segmentation algorithms. <i>Artificial Intelligence Review</i> , 2014, 41, 441-449.	9.7	59
2745	Study of the Spatial Correlation Between Neuronal Activity and BOLD fMRI Responses Evoked by Sensory and Channelrhodopsin-2 Stimulation in the Rat Somatosensory Cortex. <i>Journal of Molecular Neuroscience</i> , 2014, 53, 553-61.	1.1	23
2746	Grey Matter Volume in the Cerebellum is Related to the Processing of Grammatical Rules in a Second Language: A Structural Voxel-based Morphometry Study. <i>Cerebellum</i> , 2014, 13, 55-63.	1.4	87

#	ARTICLE	IF	CITATIONS
2747	Altered functional connectivity of the default mode network in diffuse gliomas measured with pseudo-resting state fMRI. <i>Journal of Neuro-Oncology</i> , 2014, 116, 373-379.	1.4	95
2748	Lack of association of the rs1344706 ZNF804A variant with cognitive functions and DTI indices of white matter microstructure in two independent healthy populations. <i>Psychiatry Research - Neuroimaging</i> , 2014, 222, 60-66.	0.9	9
2749	Performance Monitoring in Monkey Frontal Eye Field. <i>Journal of Neuroscience</i> , 2014, 34, 1657-1671.	1.7	39
2750	Precuneus Is a Functional Core of the Default-Mode Network. <i>Journal of Neuroscience</i> , 2014, 34, 932-940.	1.7	700
2751	Psychological, endocrine and neural responses to social evaluation in subclinical depression. <i>Social Cognitive and Affective Neuroscience</i> , 2014, 9, 1632-1644.	1.5	36
2752	Distinct and distributed functional connectivity patterns across cortex reflect the domain-specific constraints of object, face, scene, body, and tool category-selective modules in the ventral visual pathway. <i>NeuroImage</i> , 2014, 96, 216-236.	2.1	88
2753	Defining Critical White Matter Pathways Mediating Successful Subcallosal Cingulate Deep Brain Stimulation for Treatment-Resistant Depression. <i>Biological Psychiatry</i> , 2014, 76, 963-969.	0.7	375
2754	A neural mechanism underlying failure of optimal choice with multiple alternatives. <i>Nature Neuroscience</i> , 2014, 17, 463-470.	7.1	116
2755	Distributed BOLD and CBV-weighted resting-state networks in the mouse brain. <i>NeuroImage</i> , 2014, 87, 403-415.	2.1	199
2756	Deficient neuron-microglia signaling results in impaired functional brain connectivity and social behavior. <i>Nature Neuroscience</i> , 2014, 17, 400-406.	7.1	958
2757	Imagined gait modulates neuronal network dynamics in the human pedunculo-pontine nucleus. <i>Nature Neuroscience</i> , 2014, 17, 449-454.	7.1	99
2758	Changing value through cued approach: an automatic mechanism of behavior change. <i>Nature Neuroscience</i> , 2014, 17, 625-630.	7.1	126
2759	Twelve-year monitoring of a patient with megalencephalic leukoencephalopathy with subcortical cysts. <i>Neurological Sciences</i> , 2014, 35, 1249-53.	0.9	1
2760	Association between the oxytocin receptor (OXTR) gene and mesolimbic responses to rewards. <i>Molecular Autism</i> , 2014, 5, 7.	2.6	44
2761	White matter damage is related to ataxia severity in SCA3. <i>Journal of Neurology</i> , 2014, 261, 291-299.	1.8	55
2762	Regional alterations in cortical thickness and white matter integrity in amyotrophic lateral sclerosis. <i>Journal of Neurology</i> , 2014, 261, 412-421.	1.8	38
2763	MRI Default Mode Network Connectivity is Associated with Functional Outcome After Cardiopulmonary Arrest. <i>Neurocritical Care</i> , 2014, 20, 348-357.	1.2	53
2764	Neural responses to subliminally presented cannabis and other emotionally evocative cues in cannabis-dependent individuals. <i>Psychopharmacology</i> , 2014, 231, 1397-1407.	1.5	68

#	ARTICLE	IF	CITATIONS
2765	Diffusion tensor MRI of the corpus callosum in amyotrophic lateral sclerosis. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 39, 641-647.	1.9	37
2766	Three-dimensional functional MRI with parallel acceleration: Balanced SSFP versus PRESTO. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 39, 656-664.	1.9	2
2767	Repeatability Analysis of Global and Local Metrics of Brain Structural Networks. <i>Brain Connectivity</i> , 2014, 4, 203-220.	0.8	17
2768	Brain alterations in adult ADHD: Effects of gender, treatment and comorbid depression. <i>European Neuropsychopharmacology</i> , 2014, 24, 397-409.	0.3	116
2769	A comparison of statistical methods for detecting context-modulated functional connectivity in fMRI. <i>NeuroImage</i> , 2014, 84, 1042-1052.	2.1	168
2770	Oxytocin effects on mind-reading are moderated by experiences of maternal love withdrawal: An fMRI study. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 51, 105-112.	2.5	47
2771	Right anterior temporal lobe dysfunction underlies theory of mind impairments in semantic dementia. <i>Brain</i> , 2014, 137, 1241-1253.	3.7	142
2772	Pain sensitivity is inversely related to regional grey matter density in the brain. <i>Pain</i> , 2014, 155, 566-573.	2.0	100
2773	Self-control, negative affect and neural activity during effortful cognition in deprived smokers. <i>Social Cognitive and Affective Neuroscience</i> , 2014, 9, 887-894.	1.5	13
2774	White matter microstructural changes in psychogenic erectile dysfunction patients. <i>Andrology</i> , 2014, 2, 379-385.	1.9	26
2775	Olfactory-related cortical atrophy is associated with olfactory dysfunction in Parkinson's disease. <i>Movement Disorders</i> , 2014, 29, 1205-1208.	2.2	51
2776	Cortical atrophy, reduced integrity of white matter and cognitive impairment in subcortical vascular dementia of <sc>B</sc>inswanger type. <i>Psychiatry and Clinical Neurosciences</i> , 2014, 68, 821-832.	1.0	15
2777	Plasma tau as a window to the brain-negative associations with brain volume and memory function in mild cognitive impairment and early alzheimer's disease. <i>Human Brain Mapping</i> , 2014, 35, 3132-3142.	1.9	126
2778	Neural simulation of actions: Effector- versus action-specific motor maps within the human premotor and posterior parietal area?. <i>Human Brain Mapping</i> , 2014, 35, 1212-1225.	1.9	26
2779	A clonal selection based approach to statistical brain voxel classification in magnetic resonance images. <i>Neurocomputing</i> , 2014, 134, 122-131.	3.5	5
2780	Differences in paracingulate connectivity associated with epileptiform discharges and uncontrolled seizures in genetic generalized epilepsy. <i>Epilepsia</i> , 2014, 55, 256-263.	2.6	33
2781	Segmentation-Driven Image Registration-Application to 4D DCE-MRI Recordings of the Moving Kidneys. <i>IEEE Transactions on Image Processing</i> , 2014, 23, 2392-2404.	6.0	27
2782	Neuropsychiatric symptoms in Alzheimer's disease are related to functional connectivity alterations in the salience network. <i>Human Brain Mapping</i> , 2014, 35, 1237-1246.	1.9	137

#	ARTICLE	IF	CITATIONS
2783	Microstructural white-matter abnormalities associated with treatment resistance, severity and duration of illness in major depression. <i>Psychological Medicine</i> , 2014, 44, 1171-1182.	2.7	110
2784	Radiotherapy planning for glioblastoma based on a tumor growth model: improving target volume delineation. <i>Physics in Medicine and Biology</i> , 2014, 59, 747-770.	1.6	55
2785	The influence of spatial resolution and smoothing on the detectability of resting-state and task fMRI. <i>NeuroImage</i> , 2014, 86, 221-230.	2.1	54
2786	ICA-based artefact removal and accelerated fMRI acquisition for improved resting state network imaging. <i>NeuroImage</i> , 2014, 95, 232-247.	2.1	1,148
2787	Depressive symptoms and neuroanatomical structures in community-dwelling women: A combined voxel-based morphometry and diffusion tensor imaging study with tract-based spatial statistics. <i>NeuroImage: Clinical</i> , 2014, 4, 481-487.	1.4	25
2788	An 8-month exercise intervention alters frontotemporal white matter integrity in overweight children. <i>Psychophysiology</i> , 2014, 51, 728-733.	1.2	99
2789	Diffusion tensor imaging before, during and after progressive multifocal leukoencephalopathy. <i>European Journal of Neurology</i> , 2014, 21, e36-8.	1.7	1
2790	In vivo Assessment of Human Brainstem Cerebrovascular Function: A Multi-Inversion Time Pulsed Arterial Spin Labelling Study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 956-963.	2.4	5
2791	Magnetic Resonance Neuroimaging Study of Brain Structural Differences in Diabetic Peripheral Neuropathy. <i>Diabetes Care</i> , 2014, 37, 1681-1688.	4.3	109
2792	Altered brain connectivity in sagittal craniosynostosis. <i>Journal of Neurosurgery: Pediatrics</i> , 2014, 13, 690-698.	0.8	35
2793	Fiber connectivity between the striatum and cortical and subcortical regions is associated with temperaments in Chinese males. <i>NeuroImage</i> , 2014, 89, 226-234.	2.1	34
2794	Estimates of segregation and overlap of functional connectivity networks in the human cerebral cortex. <i>NeuroImage</i> , 2014, 88, 212-227.	2.1	220
2795	Schizophrenia miR-137 Locus Risk Genotype Is Associated with Dorsolateral Prefrontal Cortex Hyperactivation. <i>Biological Psychiatry</i> , 2014, 75, 398-405.	0.7	65
2796	A voxel-based morphometry study of young occasional users of amphetamine-type stimulants and cocaine. <i>Drug and Alcohol Dependence</i> , 2014, 135, 104-111.	1.6	36
2797	Thalamic volume and thalamo-cortical white matter tracts correlate with motor and verbal memory performance. <i>NeuroImage</i> , 2014, 91, 77-83.	2.1	36
2798	Whole-Brain Mapping of Structural Connectivity in Infants Reveals Altered Connection Strength Associated with Growth and Preterm Birth. <i>Cerebral Cortex</i> , 2014, 24, 2324-2333.	1.6	88
2799	White matter integrity and cognition in mild traumatic brain injury following motor vehicle accident. <i>Brain Research</i> , 2014, 1591, 86-92.	1.1	54
2800	Homological scaffolds of brain functional networks. <i>Journal of the Royal Society Interface</i> , 2014, 11, 20140873.	1.5	415

#	ARTICLE	IF	CITATIONS
2801	Cortical activity modulation by botulinum toxin type A in patients with post-stroke arm spasticity: Real and imagined hand movement. <i>Journal of the Neurological Sciences</i> , 2014, 346, 276-283.	0.3	19
2802	Cardiorespiratory fitness and brain diffusion tensor imaging in adults over 80 years of age. <i>Brain Research</i> , 2014, 1588, 63-72.	1.1	32
2803	SELF-SUPERVISED MRI TISSUE SEGMENTATION BY DISCRIMINATIVE CLUSTERING. <i>International Journal of Neural Systems</i> , 2014, 24, 1450004.	3.2	28
2804	Particle Swarm Optimization Applied to EEG Source Localization of Somatosensory Evoked Potentials. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2014, 22, 11-20.	2.7	18
2805	Comparison of statistical tests for group differences in brain functional networks. <i>NeuroImage</i> , 2014, 101, 681-694.	2.1	47
2806	Brain connectivity during verbal working memory in children and adolescents. <i>Human Brain Mapping</i> , 2014, 35, 698-711.	1.9	31
2807	The effects of pediatric epilepsy on a language connectome. <i>Human Brain Mapping</i> , 2014, 35, 5996-6010.	1.9	18
2808	Regional vulnerability of hippocampal subfields to aging measured by structural and diffusion MRI. <i>Hippocampus</i> , 2014, 24, 403-414.	0.9	67
2809	Greater BOLD response to working memory in endurance-trained adults revealed by breath-hold calibration. <i>Human Brain Mapping</i> , 2014, 35, 2898-2910.	1.9	10
2810	Task-Related Facial and Head Movements in Classifier-Based Real-Time fMRI. <i>Journal of Neuroimaging</i> , 2014, 24, 371-378.	1.0	3
2811	Postconcussional disorder and PTSD symptoms of military-related traumatic brain injury associated with compromised neurocircuitry. <i>Human Brain Mapping</i> , 2014, 35, 2652-2673.	1.9	78
2812	Physical Activity Predicts Microstructural Integrity in Memory-Related Networks in Very Old Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014, 69, 1284-1290.	1.7	54
2813	Central white matter degeneration in bulbar- and limb-onset amyotrophic lateral sclerosis. <i>Journal of Neurology</i> , 2014, 261, 1961-1967.	1.8	30
2814	Longitudinal white matter changes in frontotemporal dementia subtypes. <i>Human Brain Mapping</i> , 2014, 35, 3547-3557.	1.9	77
2815	Prediction of human actions: Expertise and task-related effects on neural activation of the action observation network. <i>Human Brain Mapping</i> , 2014, 35, 4016-4034.	1.9	65
2816	A novel approach with skeletonised MTR measures tract-specific microstructural changes in early primary progressive MS. <i>Human Brain Mapping</i> , 2014, 35, 723-733.	1.9	12
2817	FAST INdiCATE Trial Protocol. Clinical Efficacy of Functional Strength Training for Upper Limb Motor Recovery Early after Stroke: Neural Correlates and Prognostic Indicators. <i>International Journal of Stroke</i> , 2014, 9, 240-245.	2.9	5
2818	Accelerated Changes in White Matter Microstructure during Aging: A Longitudinal Diffusion Tensor Imaging Study. <i>Journal of Neuroscience</i> , 2014, 34, 15425-15436.	1.7	239

#	ARTICLE	IF	CITATIONS
2819	Voxel-based morphometry and arterial spin labeling fMRI reveal neuropathic and neuroplastic features of brain processing of itch in end-stage renal disease. <i>Journal of Neurophysiology</i> , 2014, 112, 1729-1738.	0.9	89
2820	A Functional Polymorphism of the <i>MAOA</i> Gene Is Associated with Neural Responses to Induced Anger Control. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 1418-1427.	1.1	44
2821	White Matter Involvement in Chronic Musculoskeletal Pain. <i>Journal of Pain</i> , 2014, 15, 1110-1119.	0.7	61
2822	Preserved mid-fusiform activation for visual words in a patient with a visual word recognition impairment. <i>Neuropsychologia</i> , 2014, 65, 113-124.	0.7	3
2823	Dynamics and cortical distribution of neural responses to 2D and 3D motion in human. <i>Journal of Neurophysiology</i> , 2014, 111, 533-543.	0.9	21
2824	Abnormal white matter integrity in long-term abstinent alcohol dependent patients. <i>Psychiatry Research - Neuroimaging</i> , 2014, 224, 42-48.	0.9	19
2825	Dopamine and the Cognitive Downside of a Promised Bonus. <i>Psychological Science</i> , 2014, 25, 1003-1009.	1.8	55
2826	Brain network extraction from probabilistic ICA using functional Magnetic Resonance Images and advanced template matching techniques. , 2014, , .		5
2827	Deficient Import of Acetyl-CoA into the ER Lumen Causes Neurodegeneration and Propensity to Infections, Inflammation, and Cancer. <i>Journal of Neuroscience</i> , 2014, 34, 6772-6789.	1.7	46
2828	The Vitamin D to Ameliorate Multiple Sclerosis (VIDAMS) trial: Study design for a multicenter, randomized, double-blind controlled trial of vitamin D in multiple sclerosis. <i>Contemporary Clinical Trials</i> , 2014, 39, 288-293.	0.8	64
2829	Atypical Frontal-Striatal-Thalamic Circuit White Matter Development in Pediatric Obsessive-Compulsive Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2014, 53, 1225-1233.e9.	0.3	16
2830	Investigating inhibitory control in children with epilepsy: An fMRI study. <i>Epilepsia</i> , 2014, 55, 1667-1676.	2.6	13
2831	Integration of Resting-State FMRI and Diffusion-Weighted MRI Connectivity Analyses of the Human Brain: Limitations and Improvement. <i>Journal of Neuroimaging</i> , 2014, 24, 176-186.	1.0	15
2832	The effects of high-intensity exercise on neural responses to images of food. <i>American Journal of Clinical Nutrition</i> , 2014, 99, 258-267.	2.2	53
2833	Effects of spatial smoothing on inter-subject correlation based analysis of FMRI. <i>Magnetic Resonance Imaging</i> , 2014, 32, 1114-1124.	1.0	46
2834	In vivo evidence of glutamate toxicity in multiple sclerosis. <i>Annals of Neurology</i> , 2014, 76, 269-278.	2.8	88
2835	Anatomic Connectivity Assessed Using Pathway Radial Diffusivity Is Related to Functional Connectivity in Monosynaptic Pathways. <i>Brain Connectivity</i> , 2014, 4, 558-565.	0.8	15
2836	Social cognition in patients following surgery to the prefrontal cortex. <i>Psychiatry Research - Neuroimaging</i> , 2014, 224, 192-203.	0.9	44

#	ARTICLE	IF	CITATIONS
2837	Does resting-state connectivity reflect depressive rumination? A tale of two analyses. <i>NeuroImage</i> , 2014, 103, 267-279.	2.1	82
2838	Trait or state? A longitudinal neuropsychological evaluation and fMRI study in schizoaffective disorder. <i>Schizophrenia Research</i> , 2014, 159, 458-464.	1.1	9
2839	Cocaine Abuse in Humans Is Not Associated with Increased Microglial Activation: An 18-kDa Translocator Protein Positron Emission Tomography Imaging Study with [11C]PBR28. <i>Journal of Neuroscience</i> , 2014, 34, 9945-9950.	1.7	55
2840	Multimodal MRI markers support a model of small vessel ischemia for depressive symptoms in very old adults. <i>Psychiatry Research - Neuroimaging</i> , 2014, 224, 73-80.	0.9	16
2841	A finite-element reciprocity solution for EEG forward modeling with realistic individual head models. <i>NeuroImage</i> , 2014, 103, 542-551.	2.1	30
2842	Reconfigurable task-dependent functional coupling modes cluster around a core functional architecture. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130526.	1.8	342
2843	Diffusion abnormalities of the corpus callosum in patients with malformations of cortical development and epilepsy. <i>Epilepsy Research</i> , 2014, 108, 1533-1542.	0.8	17
2844	The human hippocampus is sensitive to the durations of events and intervals within a sequence. <i>Neuropsychologia</i> , 2014, 64, 1-12.	0.7	51
2845	Ventral Striatum, but Not Cortical Volume Loss, Is Related to Cognitive Dysfunction in Type 1 Diabetic Patients With and Without Microangiopathy. <i>Diabetes Care</i> , 2014, 37, 2483-2490.	4.3	31
2846	Functional Specialization in the Human Brain Estimated By Intrinsic Hemispheric Interaction. <i>Journal of Neuroscience</i> , 2014, 34, 12341-12352.	1.7	120
2847	Shoulder Apprehension Impacts Large-Scale Functional Brain Networks. <i>American Journal of Neuroradiology</i> , 2014, 35, 691-697.	1.2	31
2848	Changes in perceptual speed and white matter microstructure in the corticospinal tract are associated in very old age. <i>NeuroImage</i> , 2014, 102, 520-530.	2.1	62
2849	Functional connectivity of dorsal and ventral frontoparietal seed regions during auditory orienting. <i>Brain Research</i> , 2014, 1583, 159-168.	1.1	18
2850	Injury of the lower ascending reticular activating system in patients with hypoxic-ischemic brain injury: diffusion tensor imaging study. <i>Neuroradiology</i> , 2014, 56, 965-970.	1.1	29
2851	Common Genetic Variants and Risk of Brain Injury After Preterm Birth. <i>Pediatrics</i> , 2014, 133, e1655-e1663.	1.0	43
2852	Distinct neural networks for target feature versus dimension changes in visual search, as revealed by EEG and fMRI. <i>NeuroImage</i> , 2014, 102, 798-808.	2.1	16
2853	Damage to the Salience Network and Interactions with the Default Mode Network. <i>Journal of Neuroscience</i> , 2014, 34, 10798-10807.	1.7	189
2854	Dissociable contributions of ventromedial prefrontal and posterior parietal cortex to value-guided choice. <i>NeuroImage</i> , 2014, 100, 498-506.	2.1	44

#	ARTICLE	IF	CITATIONS
2855	Self-reported empathy and neural activity during action imitation and observation in schizophrenia. <i>NeuroImage: Clinical</i> , 2014, 5, 100-108.	1.4	45
2856	The integrity of the cholinergic system determines memory performance in healthy elderly. <i>NeuroImage</i> , 2014, 100, 481-488.	2.1	30
2857	Sub-millimeter imaging of brain-free water for rapid volume assessment in atrophic brains. <i>NeuroImage</i> , 2014, 100, 370-378.	2.1	10
2858	Neural connectivity of the lateral geniculate body in the human brain: Diffusion tensor imaging study. <i>Neuroscience Letters</i> , 2014, 578, 66-70.	1.0	7
2859	White matter correlates of cognitive dysfunction after mild traumatic brain injury. <i>Neurology</i> , 2014, 83, 494-501.	1.5	74
2860	The right temporo-parietal junction contributes to visual feature binding. <i>NeuroImage</i> , 2014, 101, 289-297.	2.1	28
2861	Preserved white matter in unmedicated pediatric bipolar disorder. <i>Neuroscience Letters</i> , 2014, 579, 41-45.	1.0	19
2862	Altered structural connectivity and trait anhedonia in patients with schizophrenia. <i>Neuroscience Letters</i> , 2014, 579, 7-11.	1.0	17
2863	BOLD matches neuronal activity at the mm scale: A combined 7T fMRI and ECoG study in human sensorimotor cortex. <i>NeuroImage</i> , 2014, 101, 177-184.	2.1	97
2864	Evidence for Impaired Plasticity after Traumatic Brain Injury in the Developing Brain. <i>Journal of Neurotrauma</i> , 2014, 31, 395-403.	1.7	40
2865	Estimating time-varying brain connectivity networks from functional MRI time series. <i>NeuroImage</i> , 2014, 103, 427-443.	2.1	118
2866	Relevance of subcortical visual pathways disruption to visual symptoms in dementia with Lewy bodies. <i>Cortex</i> , 2014, 59, 12-21.	1.1	37
2867	The evolution of primary progressive apraxia of speech. <i>Brain</i> , 2014, 137, 2783-2795.	3.7	134
2868	Lewy body compared with Alzheimer dementia is associated with decreased functional connectivity in resting state networks. <i>Psychiatry Research - Neuroimaging</i> , 2014, 223, 192-201.	0.9	52
2869	Brain representations for acquiring and recalling visual motor adaptations. <i>NeuroImage</i> , 2014, 101, 225-235.	2.1	33
2870	Susceptibility artefact correction using dynamic graph cuts: Application to neurosurgery. <i>Medical Image Analysis</i> , 2014, 18, 1132-1142.	7.0	19
2871	The architecture of the chess player's brain. <i>Neuropsychologia</i> , 2014, 62, 152-162.	0.7	55
2872	The neural connectivity of the intralaminar thalamic nuclei in the human brain: A diffusion tensor tractography study. <i>Neuroscience Letters</i> , 2014, 579, 140-144.	1.0	61

#	ARTICLE	IF	CITATIONS
2873	Simultaneous and consistent labeling of longitudinal dynamic developing cortical surfaces in infants. <i>Medical Image Analysis</i> , 2014, 18, 1274-1289.	7.0	34
2874	A multimodal MRI study of the hippocampus in medication-naive children with ADHD: What connects ADHD and depression?. <i>Psychiatry Research - Neuroimaging</i> , 2014, 224, 112-118.	0.9	58
2875	Resting-state functional connectivity in women with Major Depressive Disorder. <i>Journal of Psychiatric Research</i> , 2014, 59, 38-44.	1.5	24
2876	MRI segmentation analysis in temporal lobe and idiopathic generalized epilepsy. <i>BMC Neurology</i> , 2014, 14, 131.	0.8	11
2877	A prospective study of grey matter and cognitive function alterations in chemotherapy-treated breast cancer patients. <i>SpringerPlus</i> , 2014, 3, 444.	1.2	78
2878	Masamune: a tool for automatic dynamic PET data processing, image reconstruction and integrated PET/MRI data analysis. <i>EJNMMI Physics</i> , 2014, 1, A57.	1.3	5
2879	Fluorodeoxyglucose PET in Neurology and Psychiatry. <i>PET Clinics</i> , 2014, 9, 371-390.	1.5	58
2880	Neural compensation in older people with brain amyloid- β^2 deposition. <i>Nature Neuroscience</i> , 2014, 17, 1316-1318.	7.1	167
2881	Brain network alterations in Alzheimer's disease measured by Eigenvector centrality in fMRI are related to cognition and CSF biomarkers. <i>Human Brain Mapping</i> , 2014, 35, 2383-2393.	1.9	108
2882	Distinct regional age effects on [11 C]AZ10419369 binding to 5-HT 1B receptors in the human brain. <i>NeuroImage</i> , 2014, 103, 303-308.	2.1	21
2883	Varenicline effects on drinking, craving and neural reward processing among non-treatment-seeking alcohol-dependent individuals. <i>Psychopharmacology</i> , 2014, 231, 3799-3807.	1.5	49
2884	Reproducibility, and age, body-weight and gender dependency of candidate skeletal muscle MRI outcome measures in healthy volunteers. <i>European Radiology</i> , 2014, 24, 1610-1620.	2.3	53
2885	Aortic stiffness is associated with white matter integrity in patients with type 1 diabetes. <i>European Radiology</i> , 2014, 24, 2031-2037.	2.3	9
2886	TBSS and probabilistic tractography reveal white matter connections for attention to object features. <i>Brain Structure and Function</i> , 2014, 219, 2159-2171.	1.2	15
2887	Construction of an in vivo human spinal cord atlas based on high-resolution MR images at cervical and thoracic levels: preliminary results. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2014, 27, 257-267.	1.1	41
2888	Direct ^{17}O MRI with partial volume correction: first experiences in a glioblastoma patient. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2014, 27, 579-587.	1.1	52
2889	White Matter Microstructure Predicts Autistic Traits in Attention-Deficit/Hyperactivity Disorder. <i>Journal of Autism and Developmental Disorders</i> , 2014, 44, 2742-2754.	1.7	14
2890	Enhancement of functional connectivity, working memory and inhibitory control on multi-modal brain MR imaging with Rifaximin in Cirrhosis: Implications for the gut-liver-brain axis. <i>Metabolic Brain Disease</i> , 2014, 29, 1017-1025.	1.4	70

#	ARTICLE	IF	CITATIONS
2891	Left fronto-temporal dysconnectivity within the language network in schizophrenia: An fMRI and DTI study. <i>Psychiatry Research - Neuroimaging</i> , 2014, 223, 261-267.	0.9	35
2892	Markers of endothelial dysfunction and cerebral blood flow in older adults. <i>Neurobiology of Aging</i> , 2014, 35, 373-377.	1.5	32
2893	White Matter Abnormalities and Cognitive Impairment in Early-Onset Schizophrenia-Spectrum Disorders. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2014, 53, 362-372.e2.	0.3	81
2894	Visualizing Meyer's loop: A comparison of deterministic and probabilistic tractography. <i>Epilepsy Research</i> , 2014, 108, 481-490.	0.8	48
2895	White matter integrity in premanifest and early Huntington's disease is related to caudate loss and disease progression. <i>Cortex</i> , 2014, 52, 98-112.	1.1	57
2896	Hippocampal volume is related to cognitive decline and fornix diffusion measures in multiple sclerosis. <i>Magnetic Resonance Imaging</i> , 2014, 32, 354-358.	1.0	54
2897	Acute mild traumatic brain injury is not associated with white matter change on diffusion tensor imaging. <i>Brain</i> , 2014, 137, 1876-1882.	3.7	70
2898	Brain structure in different psychosis risk groups in the Northern Finland 1986 Birth Cohort. <i>Schizophrenia Research</i> , 2014, 153, 143-149.	1.1	17
2899	Evolutionarily conserved prefrontal-amygdalar dysfunction in early-life anxiety. <i>Molecular Psychiatry</i> , 2014, 19, 915-922.	4.1	163
2900	The neural basis of impaired self-awareness after traumatic brain injury. <i>Brain</i> , 2014, 137, 586-597.	3.7	102
2901	Fractional Anisotropy Changes in Alzheimer's Disease Depend on the Underlying Fiber Tract Architecture: A Multiparametric DTI Study using Joint Independent Component Analysis. <i>Journal of Alzheimer's Disease</i> , 2014, 41, 69-83.	1.2	71
2902	Use of Diffusion Tensor Imaging to Assess the Impact of Normobaric Hyperoxia within At-Risk Pericontusional Tissue after Traumatic Brain Injury. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 1622-1627.	2.4	22
2903	Relating Anatomical and Social Connectivity: White Matter Microstructure Predicts Emotional Empathy. <i>Cerebral Cortex</i> , 2014, 24, 614-625.	1.6	64
2904	SimPACE: Generating simulated motion corrupted BOLD data with synthetic-navigated acquisition for the development and evaluation of SLOMOCO: A new, highly effective slice-wise motion correction. <i>NeuroImage</i> , 2014, 101, 21-34.	2.1	99
2905	Dialectical behavior therapy alters emotion regulation and amygdala activity in patients with borderline personality disorder. <i>Journal of Psychiatric Research</i> , 2014, 57, 108-116.	1.5	140
2906	Multi-trajectories automatic planner for StereoElectroEncephaloGraphy (SEEG). <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2014, 9, 1087-1097.	1.7	63
2907	The functional neuroimaging evidence of cerebellar involvement in the simple cognitive task. <i>Brain Imaging and Behavior</i> , 2014, 8, 480-486.	1.1	15
2908	Group-Wise fMRI Activation Detection on DICCCOL Landmarks. <i>Neuroinformatics</i> , 2014, 12, 513-534.	1.5	3

#	ARTICLE	IF	CITATIONS
2909	Cuneus and fusiform cortices thickness is reduced in trigeminal neuralgia. <i>Journal of Headache and Pain</i> , 2014, 15, 17.	2.5	63
2910	Relation between aphasia and arcuate fasciculus in chronic stroke patients. <i>BMC Neurology</i> , 2014, 14, 46.	0.8	34
2911	Assessment of biofeedback rehabilitation in post-stroke patients combining fMRI and gait analysis: a case study. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2014, 11, 53.	2.4	17
2912	Volumetric MRI Differences in Treatment Naïve and Chronically Treated Adolescents With ADHD-Combined Type. <i>Journal of Attention Disorders</i> , 2014, 18, 511-520.	1.5	31
2913	Long-Term White Matter Changes after Severe Traumatic Brain Injury: A 5-Year Prospective Cohort. <i>American Journal of Neuroradiology</i> , 2014, 35, 23-29.	1.2	53
2914	DTI Correlates of Cognition in Conventional MRI of Normal-Appearing Brain in Patients with Clinical Features of Subacute Combined Degeneration and Biochemically Proven Vitamin B12 Deficiency. <i>American Journal of Neuroradiology</i> , 2014, 35, 872-877.	1.2	28
2915	Development of Thalamocortical Connectivity during Infancy and Its Cognitive Correlations. <i>Journal of Neuroscience</i> , 2014, 34, 9067-9075.	1.7	180
2916	Diffusion Tensor Imaging, Intracranial Vascular Resistance and Cognition in Middle-Aged Asymptomatic Subjects. <i>Cerebrovascular Diseases</i> , 2014, 38, 24-30.	0.8	12
2917	Mapping track density changes in nigrostriatal and extranigral pathways in Parkinson's disease. <i>NeuroImage</i> , 2014, 99, 498-508.	2.1	58
2918	Corticospinal Tract Diffusion Abnormalities Early After Stroke Predict Motor Outcome. <i>Neurorehabilitation and Neural Repair</i> , 2014, 28, 751-760.	1.4	90
2919	Tract based spatial statistics in multiple system atrophy: A comparison between clinical subtypes. <i>Parkinsonism and Related Disorders</i> , 2014, 20, 1050-1055.	1.1	9
2920	Relationship between Diffusion Tensor Fractional Anisotropy and Long-term Motor Outcome in Patients with Hemiparesis after Middle Cerebral Artery Infarction. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2014, 23, 2397-2404.	0.7	22
2921	Functional connectivity with ventromedial prefrontal cortex reflects subjective value for social rewards. <i>Social Cognitive and Affective Neuroscience</i> , 2014, 9, 2017-2025.	1.5	87
2922	Voxel-based clustered imaging by multiparameter diffusion tensor images for glioma grading. <i>NeuroImage: Clinical</i> , 2014, 5, 396-407.	1.4	45
2923	White Matter Water Diffusion Changes in Primary Sjogren Syndrome. <i>American Journal of Neuroradiology</i> , 2014, 35, 680-685.	1.2	20
2924	Proton magnetic resonance spectroscopy (MRS) in on-line game addiction. <i>Journal of Psychiatric Research</i> , 2014, 58, 63-68.	1.5	27
2925	Intersubject Variability of and Genetic Effects on the Brain's Functional Connectivity during Infancy. <i>Journal of Neuroscience</i> , 2014, 34, 11288-11296.	1.7	105
2926	Changes in brain morphology in albinism reflect reduced visual acuity. <i>Cortex</i> , 2014, 56, 64-72.	1.1	45

#	ARTICLE	IF	CITATIONS
2927	Structural neuroimaging correlates of allelic variation of the BDNF val66met polymorphism. <i>NeuroImage</i> , 2014, 90, 280-289.	2.1	36
2928	White matter connectivity and aerobic fitness in male adolescents. <i>Developmental Cognitive Neuroscience</i> , 2014, 7, 65-75.	1.9	68
2929	A template-based procedure for determining white matter integrity in the internal capsule early after stroke. <i>NeuroImage: Clinical</i> , 2014, 4, 695-700.	1.4	11
2930	Neurocognitive enhancement in older adults: Comparison of three cognitive training tasks to test a hypothesis of training transfer in brain connectivity. <i>NeuroImage</i> , 2014, 85, 1027-1039.	2.1	114
2931	Optimizing RetrolCor and RetroKCor corrections for multi-shot 3D FMRI acquisitions. <i>NeuroImage</i> , 2014, 84, 394-405.	2.1	15
2932	Accurate GM atrophy quantification in MS using lesion-filling with co-registered 2D lesion masks. <i>NeuroImage: Clinical</i> , 2014, 4, 366-373.	1.4	38
2933	Associations between circadian activity rhythms and functional brain abnormalities among euthymic bipolar patients: A preliminary study. <i>Journal of Affective Disorders</i> , 2014, 164, 101-106.	2.0	42
2934	Hidden Markov random field model based brain MR image segmentation using clonal selection algorithm and Markov chain Monte Carlo method. <i>Biomedical Signal Processing and Control</i> , 2014, 12, 10-18.	3.5	23
2935	Quantitative magnetic susceptibility mapping without phase unwrapping using WASSR. <i>NeuroImage</i> , 2014, 86, 265-279.	2.1	17
2936	Structural Abnormalities in Bipolar Euthymia: A Multicontrast Molecular Diffusion Imaging Study. <i>Biological Psychiatry</i> , 2014, 76, 239-248.	0.7	61
2937	Simultaneous EEG-fMRI reveals a temporal cascade of task-related and default-mode activations during a simple target detection task. <i>NeuroImage</i> , 2014, 102, 229-239.	2.1	65
2938	Reduced anterior cingulate gray matter volume in treatment-naïve clinically depressed adolescents. <i>NeuroImage: Clinical</i> , 2014, 4, 336-342.	1.4	35
2939	Follow-up and Extension of a Prior Genome-wide Association Study of Posttraumatic Stress Disorder: Gene-Environment Associations and Structural Magnetic Resonance Imaging in a Highly Traumatized African-American Civilian Population. <i>Biological Psychiatry</i> , 2014, 76, e3-e4.	0.7	18
2940	Progressive white matter changes following anterior temporal lobe resection for epilepsy. <i>NeuroImage: Clinical</i> , 2014, 4, 190-200.	1.4	37
2941	Abstinent adult daily smokers show reduced anticipatory but elevated saccade-related brain responses during a rewarded antisaccade task. <i>Psychiatry Research - Neuroimaging</i> , 2014, 223, 140-147.	0.9	10
2942	Referential framework for transcranial anatomical correspondence for fNIRS based on manually traced sulci and gyri of an infant brain. <i>Neuroscience Research</i> , 2014, 80, 55-68.	1.0	26
2943	Quantification of track-weighted imaging (TWI): Characterisation of within-subject reproducibility and between-subject variability. <i>NeuroImage</i> , 2014, 87, 18-31.	2.1	36
2944	Imaging Brain Iron and Diffusion Patterns. <i>Academic Radiology</i> , 2014, 21, 64-71.	1.3	51

#	ARTICLE	IF	CITATIONS
2945	Effect of age and calorie restriction on corpus callosal integrity in rhesus macaques: A fiber tractography study. <i>Neuroscience Letters</i> , 2014, 569, 38-42.	1.0	8
2946	The pattern of brain gray matter impairments in patients with subcortical vascular dementia. <i>Journal of the Neurological Sciences</i> , 2014, 341, 110-118.	0.3	18
2947	The evolution of a disparity decision in human visual cortex. <i>NeuroImage</i> , 2014, 92, 193-206.	2.1	19
2948	Dysglycemia, brain volume and vascular lesions on MRI in a memory clinic population. <i>Journal of Diabetes and Its Complications</i> , 2014, 28, 85-90.	1.2	17
2949	Reproducibility of hypocapnic cerebrovascular reactivity measurements using BOLD fMRI in combination with a paced deep breathing task. <i>NeuroImage</i> , 2014, 98, 31-41.	2.1	20
2950	Normalized gradient fields for nonlinear motion correction of DCE-MRI time series. <i>Computerized Medical Imaging and Graphics</i> , 2014, 38, 202-210.	3.5	31
2951	Reading the mind in the infant eyes: Paradoxical effects of oxytocin on neural activity and emotion recognition in watching pictures of infant faces. <i>Brain Research</i> , 2014, 1580, 151-159.	1.1	22
2952	A combined DTI and structural MRI study in medicated-naïve chronic schizophrenia. <i>Magnetic Resonance Imaging</i> , 2014, 32, 1-8.	1.0	45
2953	Anatomical connectivity changes in the bilingual brain. <i>NeuroImage</i> , 2014, 84, 495-504.	2.1	101
2954	Methods and considerations for longitudinal structural brain imaging analysis across development. <i>Developmental Cognitive Neuroscience</i> , 2014, 9, 172-190.	1.9	216
2955	Differential effects of acute stress on anticipatory and consummatory phases of reward processing. <i>Neuroscience</i> , 2014, 266, 1-12.	1.1	108
2956	Polarity-specific effects of motor transcranial direct current stimulation on fMRI resting state networks. <i>NeuroImage</i> , 2014, 88, 155-161.	2.1	92
2957	Neuropsychiatric symptoms in Parkinson's disease: Fronto-striatal atrophy contributions. <i>Parkinsonism and Related Disorders</i> , 2014, 20, 867-872.	1.1	32
2958	Machine learning on brain MRI data for differential diagnosis of Parkinson's disease and Progressive Supranuclear Palsy. <i>Journal of Neuroscience Methods</i> , 2014, 222, 230-237.	1.3	221
2959	Differential contributions of the superior and inferior parietal cortex to feedback versus feedforward control of tools. <i>NeuroImage</i> , 2014, 92, 36-45.	2.1	20
2960	Vertex-based morphometry in euthymic bipolar disorder implicates striatal regions involved in psychomotor function. <i>Psychiatry Research - Neuroimaging</i> , 2014, 221, 173-178.	0.9	10
2961	Altered relationships between age and functional brain activation in adolescents at clinical high risk for psychosis. <i>Psychiatry Research - Neuroimaging</i> , 2014, 221, 21-29.	0.9	17
2962	A Method for handling intensity inhomogeneities in fMRI sequences of moving anatomy of the early developing brain. <i>Medical Image Analysis</i> , 2014, 18, 285-300.	7.0	29

#	ARTICLE	IF	CITATIONS
2963	Reliability of functional magnetic resonance imaging activation during working memory in a multi-site study: Analysis from the North American Prodrome Longitudinal Study. <i>NeuroImage</i> , 2014, 97, 41-52.	2.1	48
2964	Pseudo-continuous arterial spin labeling MRI study of schizophrenic patients. <i>Schizophrenia Research</i> , 2014, 154, 113-118.	1.1	43
2965	A three-way parallel ICA approach to analyze links among genetics, brain structure and brain function. <i>NeuroImage</i> , 2014, 98, 386-394.	2.1	47
2966	Fast fMRI provides high statistical power in the analysis of epileptic networks. <i>NeuroImage</i> , 2014, 88, 282-294.	2.1	48
2967	Axonal deficits in young adults with High Functioning Autism and their impact on processing speed. <i>NeuroImage: Clinical</i> , 2014, 4, 417-425.	1.4	61
2968	Cardiovascular risks and brain function: a functional magnetic resonance imaging study of executive function in older adults. <i>Neurobiology of Aging</i> , 2014, 35, 1396-1403.	1.5	51
2969	Cortical thickness, cortical and subcortical volume, and white matter integrity in patients with their first episode of major depression. <i>Journal of Affective Disorders</i> , 2014, 155, 42-48.	2.0	93
2970	Diffusion Tensor Imaging Study of the Response to Constraint-Induced Movement Therapy of Children With Hemiparetic Cerebral Palsy and Adults With Chronic Stroke. <i>Archives of Physical Medicine and Rehabilitation</i> , 2014, 95, 506-514.e1.	0.5	40
2971	Processing of zero-derived words in English: An fMRI investigation. <i>Neuropsychologia</i> , 2014, 53, 47-53.	0.7	27
2972	Age-related changes in the structure and function of prefrontal cortexâ€œamygdala circuitry in children and adolescents: A multi-modal imaging approach. <i>NeuroImage</i> , 2014, 86, 212-220.	2.1	139
2973	Regional structural differences across functionally parcellated Brodmann areas of human primary somatosensory cortex. <i>NeuroImage</i> , 2014, 93, 221-230.	2.1	55
2974	Visual and proprioceptive interaction in patients with bilateral vestibular loss. <i>NeuroImage: Clinical</i> , 2014, 4, 274-282.	1.4	48
2975	Functional MRI Using Spin Lock Editing Preparation Pulses. <i>Magnetic Resonance Imaging</i> , 2014, 32, 813-818.	1.0	10
2976	Accelerated white matter aging in schizophrenia: role of white matter blood perfusion. <i>Neurobiology of Aging</i> , 2014, 35, 2411-2418.	1.5	42
2977	Plausibility Tracking: A method to evaluate anatomical connectivity and microstructural properties along fiber pathways. <i>NeuroImage</i> , 2014, 90, 163-178.	2.1	28
2978	Cognitive control network connectivity in adolescent women with and without a parental history of depression. <i>Developmental Cognitive Neuroscience</i> , 2014, 7, 13-22.	1.9	59
2979	A longitudinal study of brain atrophy over two years in community-dwelling older individuals. <i>NeuroImage</i> , 2014, 86, 203-211.	2.1	73
2980	A key region in the human parietal cortex for processing proprioceptive hand feedback during reaching movements. <i>NeuroImage</i> , 2014, 84, 615-625.	2.1	47

#	ARTICLE	IF	CITATIONS
2981	Upper limb motor rehabilitation impacts white matter microstructure in multiple sclerosis. <i>NeuroImage</i> , 2014, 90, 107-116.	2.1	90
2982	Adaptive smoothing of multi-shell diffusion weighted magnetic resonance data by msPOAS. <i>NeuroImage</i> , 2014, 95, 90-105.	2.1	36
2983	Involvement of the right hemisphere in reading comprehension: A DTI study. <i>Brain Research</i> , 2014, 1582, 34-44.	1.1	49
2984	MSM: A new flexible framework for Multimodal Surface Matching. <i>NeuroImage</i> , 2014, 100, 414-426.	2.1	532
2985	White matter changes in preclinical Alzheimer's disease: a magnetic resonance imaging-diffusion tensor imaging study on cognitively normal older people with positive amyloid β protein 42 levels. <i>Neurobiology of Aging</i> , 2014, 35, 2671-2680.	1.5	72
2986	Large-scale evaluation of ANTs and FreeSurfer cortical thickness measurements. <i>NeuroImage</i> , 2014, 99, 166-179.	2.1	560
2987	Anatomical and diffusion MRI of deep gray matter in pediatric spina bifida. <i>NeuroImage: Clinical</i> , 2014, 5, 120-127.	1.4	17
2988	Spontaneous perceptual facial distortions correlate with ventral occipitotemporal activity. <i>Neuropsychologia</i> , 2014, 59, 179-191.	0.7	17
2989	Individual differences in white matter anatomy predict dissociable components of reading skill in adults. <i>NeuroImage</i> , 2014, 96, 261-275.	2.1	36
2990	Parametric-based brain Magnetic Resonance Elastography using a Rayleigh damping material model. <i>Computer Methods and Programs in Biomedicine</i> , 2014, 116, 328-339.	2.6	7
2991	Parietal and premotor cortices: Activation reflects imitation accuracy during observation, delayed imitation and concurrent imitation. <i>NeuroImage</i> , 2014, 100, 39-50.	2.1	34
2992	Gray matter volume is associated with rate of subsequent skill learning after a long term training intervention. <i>NeuroImage</i> , 2014, 96, 158-166.	2.1	78
2993	White Matter Correlates of Adolescent Depression: Structural Evidence for Frontolimbic Disconnectivity. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2014, 53, 899-909.e7.	0.3	100
2994	Tractography of Meyer's Loop asymmetries. <i>Epilepsy Research</i> , 2014, 108, 872-882.	0.8	27
2995	GABA in the insula is a predictor of the neural response to interoceptive awareness. <i>NeuroImage</i> , 2014, 86, 10-18.	2.1	110
2996	Neuroprotective effects of testosterone treatment in men with multiple sclerosis. <i>NeuroImage: Clinical</i> , 2014, 4, 454-460.	1.4	107
2997	Concurrent TMS to the primary motor cortex augments slow motor learning. <i>NeuroImage</i> , 2014, 85, 971-984.	2.1	29
2998	CSF contamination contributes to apparent microstructural alterations in mild cognitive impairment. <i>NeuroImage</i> , 2014, 92, 27-35.	2.1	64

#	ARTICLE	IF	CITATIONS
2999	Bilateral white matter abnormality in children with frontal lobe epilepsy. <i>Epilepsy Research</i> , 2014, 108, 289-294.	0.8	19
3000	EEG-fMRI integration for the study of human brain function. <i>NeuroImage</i> , 2014, 102, 24-34.	2.1	117
3001	Neural correlates of attentional bias for smoking cues: modulation by variance in the dopamine transporter gene. <i>Addiction Biology</i> , 2014, 19, 294-304.	1.4	22
3002	Ventromedial-frontopolar prefrontal cortex atrophy correlates with insight loss in frontotemporal dementia and Alzheimer's disease. <i>Human Brain Mapping</i> , 2014, 35, 616-626.	1.9	64
3003	Stochastic dynamic causal modeling of working memory connections in cocaine dependence. <i>Human Brain Mapping</i> , 2014, 35, 760-778.	1.9	29
3004	Paradoxical effects of short-term antidepressant treatment in fMRI emotional processing models in volunteers with high neuroticism. <i>Psychological Medicine</i> , 2014, 44, 241-252.	2.7	62
3005	A Pilot Study Evaluating Presurgery Neuroanatomical Biomarkers for Postoperative Cognitive Decline after Total Knee Arthroplasty in Older Adults. <i>Anesthesiology</i> , 2014, 120, 601-613.	1.3	61
3006	White matter microstructural organization and gait stability in older adults. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 104.	1.7	62
3007	Assessing age-related gray matter decline with voxel-based morphometry depends significantly on segmentation and normalization procedures. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 124.	1.7	52
3008	A computational study of whole-brain connectivity in resting state and task fMRI. <i>Medical Science Monitor</i> , 2014, 20, 1024-1042.	0.5	19
3009	The effects of psilocybin and MDMA on between-network resting state functional connectivity in healthy volunteers. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 204.	1.0	181
3010	Acute Caffeine Administration Effect on Brain Activation Patterns in Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2014, 41, 101-112.	1.2	25
3011	A Comprehensive Protocol for Manual Segmentation of the Medial Temporal Lobe Structures. <i>Journal of Visualized Experiments</i> , 2014, , .	0.2	19
3012	Reading skill in adult survivors of childhood brain tumor: A theory-based neurocognitive model.. <i>Neuropsychology</i> , 2014, 28, 448-458.	1.0	12
3013	Remote thalamic microstructural abnormalities related to cognitive function in ischemic stroke patients.. <i>Neuropsychology</i> , 2014, 28, 984-996.	1.0	26
3014	Pretreatment worry and neurocognitive responses in women with breast cancer.. <i>Health Psychology</i> , 2014, 33, 222-231.	1.3	62
3015	Developmental aspects and neurobiological correlates of working and associative memory.. <i>Neuropsychology</i> , 2014, 28, 496-505.	1.0	6
3016	Increased Hippocampal Blood Flow in Sedentary Older Adults at Genetic Risk for Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2014, 41, 809-817.	1.2	33

#	ARTICLE	IF	CITATIONS
3017	Global diffusion tensor imaging derived metrics differentiate glioblastoma multiforme vs. normal brains by using discriminant analysis: introduction of a novel whole-brain approach. <i>Radiology and Oncology</i> , 2014, 48, 127-136.	0.6	16
3018	Cortical Localization of Microbleeds in Cerebral Amyloid Angiopathy: An Ultra High-Field 7T MRI Study. <i>Journal of Alzheimer's Disease</i> , 2014, 43, 1325-1330.	1.2	35
3019	Reproducibility of the quantification of arterial and tissue contributions in multiple postlabeling delay arterial spin labeling. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 40, 1453-1462.	1.9	13
3020	Acceleration-selective arterial spin labeling. <i>Magnetic Resonance in Medicine</i> , 2014, 71, 191-199.	1.9	27
3021	Anatomical location of the frontopontine fibers in the internal capsule in the human brain. <i>NeuroReport</i> , 2014, 25, 117-121.	0.6	6
3022	An Improvement Method of Brain Extraction Tools for Magnetic Resonance Images. <i>Journal of Medical Imaging and Health Informatics</i> , 2014, 4, 895-900.	0.2	2
3023	White matter development in children with benign childhood epilepsy with centro-temporal spikes. <i>Brain</i> , 2014, 137, 1095-1106.	3.7	81
3024	Combining diffusion tensor imaging and magnetic resonance spectroscopy to study reduced frontal white matter integrity in youths with family histories of substance use disorders. <i>Human Brain Mapping</i> , 2014, 35, 5877-5887.	1.9	26
3025	Brain White Matter Involvement in Hereditary Spastic Paraplegias: Analysis with Multiple Diffusion Tensor Indices. <i>American Journal of Neuroradiology</i> , 2014, 35, 1533-1538.	1.2	18
3026	Tracking cerebral blood flow in BOLD fMRI using recursively generated regressors. <i>Human Brain Mapping</i> , 2014, 35, 5471-5485.	1.9	57
3027	Background field removal using spherical mean value filtering and Tikhonov regularization. <i>Magnetic Resonance in Medicine</i> , 2014, 71, 1151-1157.	1.9	135
3028	Default mode network segregation and social deficits in autism spectrum disorder: Evidence from non-medicated children. <i>NeuroImage: Clinical</i> , 2015, 9, 223-232.	1.4	140
3029	The fMRI BOLD response to unisensory and multisensory smoking cues in nicotine-dependent adults. <i>Psychiatry Research - Neuroimaging</i> , 2015, 234, 321-327.	0.9	8
3030	Detection and quantification of regional cortical gray matter damage in multiple sclerosis utilizing gradient echo MRI. <i>NeuroImage: Clinical</i> , 2015, 9, 164-175.	1.4	22
3031	Simultaneous Electroencephalography and Functional Magnetic Resonance Imaging and the Identification of Epileptic Networks in Children. <i>Journal of Pediatric Epilepsy</i> , 2015, 04, 174-183.	0.1	7
3032	Altered Functional Connectivity in Essential Tremor. <i>Medicine (United States)</i> , 2015, 94, e1936.	0.4	63
3033	Brain Activation for Knee Movement Measured Days Before Second Anterior Cruciate Ligament Injury: Neuroimaging in Musculoskeletal Medicine. <i>Journal of Athletic Training</i> , 2015, 50, 1005-1010.	0.9	57
3034	Changes in cerebral vascular reactivity and structure following prolonged exposure to high altitude in humans. <i>Physiological Reports</i> , 2015, 3, e12647.	0.7	14

#	ARTICLE	IF	CITATIONS
3035	Cardiorespiratory fitness is associated with white matter integrity in aging. <i>Annals of Clinical and Translational Neurology</i> , 2015, 2, 688-698.	1.7	47
3036	Longitudinal diffusion tensor imaging in frontotemporal dementia. <i>Annals of Neurology</i> , 2015, 77, 33-46.	2.8	82
3037	Mean signal and response time influences on multivoxel signals of contextual retrieval in the medial temporal lobe. <i>Brain and Behavior</i> , 2015, 5, e00302.	1.0	1
3038	Modulation of hippocampal theta and hippocampalâ€prefrontal cortex function by a schizophrenia risk gene. <i>Human Brain Mapping</i> , 2015, 36, 2387-2395.	1.9	44
3039	Early and chronic gray matter volume changes in limbic encephalitis revealed by voxelâ€based morphometry. <i>Epilepsia</i> , 2015, 56, 754-761.	2.6	39
3040	Dissociated multimodal hubs and seizures in temporal lobe epilepsy. <i>Annals of Clinical and Translational Neurology</i> , 2015, 2, 338-352.	1.7	25
3041	Visceral adipose tissue is associated with microstructural brain tissue damage. <i>Obesity</i> , 2015, 23, 1092-1096.	1.5	26
3042	White matter abnormalities in major depressive disorder with melancholic and atypical features: A diffusion tensor imaging study. <i>Psychiatry and Clinical Neurosciences</i> , 2015, 69, 360-368.	1.0	51
3043	Targeting pain catastrophization in patients with fibromyalgia using virtual reality exposure therapy: a proof-of-concept study. <i>Journal of Physical Therapy Science</i> , 2015, 27, 3461-3467.	0.2	19
3044	Amplified Brain Processing of Dentoalveolar Pressure Stimulus in Persistent Dentoalveolar Pain Disorder Patients. <i>Journal of Oral and Facial Pain and Headache</i> , 2015, 29, 349-362.	0.7	9
3045	Mapping the Macaque Superior Temporal Sulcus: Functional Delineation of Vergence and Version Eye-Movement-Related Activity. <i>Journal of Neuroscience</i> , 2015, 35, 7428-7442.	1.7	20
3046	Spatial Bayesian variable selection and grouping for high-dimensional scalar-on-image regression. <i>Annals of Applied Statistics</i> , 2015, 9, .	0.5	39
3047	Transcranial magnetic stimulation facilitates neurorehabilitation after pediatric traumatic brain injury. <i>Scientific Reports</i> , 2015, 5, 14769.	1.6	55
3048	Brain size regulations by cbp haploinsufficiency evaluated by in-vivo MRI based volumetry. <i>Scientific Reports</i> , 2015, 5, 16256.	1.6	4
3049	Hippocampal volume and auditory attention on a verbal memory task with adult survivors of pediatric brain tumor.. <i>Neuropsychology</i> , 2015, 29, 303-319.	1.0	36
3050	Sex differences in associations between cannabis craving and neural responses to cannabis cues: Implications for treatment.. <i>Experimental and Clinical Psychopharmacology</i> , 2015, 23, 238-246.	1.3	23
3051	The Modulation Effect of Longitudinal Acupuncture on Resting State Functional Connectivity in Knee Osteoarthritis Patients. <i>Molecular Pain</i> , 2015, 11, s12990-015-0071.	1.0	56
3052	Decreased bilateral thalamic gray matter volume in first-episode schizophrenia with prominent hallucinatory symptoms: A volumetric MRI study. <i>Scientific Reports</i> , 2015, 5, 14505.	1.6	42

#	ARTICLE	IF	CITATIONS
3053	Why Should I Care? Dimensions of Socio-Emotional Cognition in Younger-Onset Dementia. <i>Journal of Alzheimer's Disease</i> , 2015, 48, 135-147.	1.2	31
3054	The Language Profile of Behavioral Variant Frontotemporal Dementia. <i>Journal of Alzheimer's Disease</i> , 2016, 50, 359-371.	1.2	93
3055	Characterization of Cerebral Damage in a Monkey Model of Alzheimer's Disease Induced by Intracerebroventricular Injection of Streptozotocin. <i>Journal of Alzheimer's Disease</i> , 2015, 46, 989-1005.	1.2	40
3056	Basal Forebrain and Hippocampus as Predictors of Conversion to Alzheimer's Disease in Patients with Mild Cognitive Impairment – A Multicenter DTI and Volumetry Study. <i>Journal of Alzheimer's Disease</i> , 2015, 48, 197-204.	1.2	56
3057	Fusing Functional MRI and Diffusion Tensor Imaging Measures of Brain Function and Structure to Predict Working Memory and Processing Speed Performance among Inter-episode Bipolar Patients. <i>Journal of the International Neuropsychological Society</i> , 2015, 21, 330-341.	1.2	40
3058	Divergent Longitudinal Propagation of White Matter Degradation in Logopenic and Semantic Variants of Primary Progressive Aphasia. <i>Journal of Alzheimer's Disease</i> , 2015, 49, 853-861.	1.2	44
3059	Age-associated changes in rich-club organisation in autistic and neurotypical human brains. <i>Scientific Reports</i> , 2015, 5, 16152.	1.6	22
3060	Functional neuronal anisotropy assessed with neuronavigated transcranial magnetic stimulation. <i>Journal of Neuroscience Methods</i> , 2015, 256, 82-90.	1.3	9
3061	Altered resting state functional connectivity of anterior cingulate cortex in drug naïve adolescents at the earliest stages of anorexia nervosa. <i>Scientific Reports</i> , 2015, 5, 10818.	1.6	44
3062	More Atrophy of Deep Gray Matter Structures in Frontotemporal Dementia Compared to Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2015, 44, 635-647.	1.2	46
3063	Connectivity between the superior colliculus and the amygdala in humans and macaque monkeys: virtual dissection with probabilistic DTI tractography. <i>Journal of Neurophysiology</i> , 2015, 114, 1947-1962.	0.9	100
3064	Autoregressive modeling of fMRI time series: state space approaches and the general linear model. , 0, , 79-113.		0
3065	Set-Shifting Ability Is Associated with Gray Matter Volume in Older People with Mild Cognitive Impairment. <i>Dementia and Geriatric Cognitive Disorders Extra</i> , 2015, 5, 395-403.	0.6	6
3066	Cognitive Function and 3-Tesla Magnetic Resonance Imaging Tractography of White Matter Hyperintensities in Elderly Persons. <i>Dementia and Geriatric Cognitive Disorders Extra</i> , 2015, 5, 387-394.	0.6	12
3067	Measurement of Fronto-limbic Activity Using an Emotional Oddball Task in Children with Familial High Risk for Schizophrenia. <i>Journal of Visualized Experiments</i> , 2015, , .	0.2	1
3068	Automated and nonbiased regional quantification of functional neuroimaging data. <i>Medical Physics</i> , 2015, 42, 892-899.	1.6	0
3069	Cognitive functioning, wellbeing and brain correlates in HIV-1 infected patients on long-term combination antiretroviral therapy. <i>Aids</i> , 2015, 29, 2139-2148.	1.0	43
3070	Investigation of anatomical connectivity of thalamic stroke patients using tract based spatial statistics. , 2015, , .		1

#	ARTICLE	IF	CITATIONS
3071	Motor pathway degeneration in young ataxia telangiectasia patients: A diffusion tractography study. <i>NeuroImage: Clinical</i> , 2015, 9, 206-215.	1.4	22
3072	Idiosyncratic responding during movie-watching predicted by age differences in attentional control. <i>Neurobiology of Aging</i> , 2015, 36, 3045-3055.	1.5	74
3073	Diffusion tensor imaging study of early white matter integrity in HIV-infected patients: A tract-based spatial statistics analysis. <i>Radiology of Infectious Diseases</i> , 2015, 2, 183-191.	2.4	1
3074	Building dynamic population graph for accurate correspondence detection. <i>Medical Image Analysis</i> , 2015, 26, 256-267.	7.0	46
3075	Alterations of local spontaneous brain activity and connectivity in adults with high-functioning autism spectrum disorder. <i>Molecular Autism</i> , 2015, 6, 30.	2.6	78
3076	Tract-based Spatial Statistics and fMRI Analysis in Patients with Small Cell Lung Cancer before Prophylactic Cranial Irradiation. <i>Journal of Physics: Conference Series</i> , 2015, 637, 012040.	0.3	0
3077	Multi-modal robust inverse-consistent linear registration. <i>Human Brain Mapping</i> , 2015, 36, 1365-1380.	1.9	5
3078	Perfusion shift from white to gray matter may account for processing speed deficits in schizophrenia. <i>Human Brain Mapping</i> , 2015, 36, 3793-3804.	1.9	28
3079	Age-related changes in brain hemodynamics; A calibrated <scp>MRI</scp> study. <i>Human Brain Mapping</i> , 2015, 36, 3973-3987.	1.9	103
3080	Assessing hippocampal development and language in early childhood: Evidence from a new application of the Automatic Segmentation Adapter Tool. <i>Human Brain Mapping</i> , 2015, 36, 4483-4496.	1.9	31
3081	Serial diffusion tensor imaging for early detection of radiation-induced injuries to normal-appearing white matter in high-grade glioma patients. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 41, 414-423.	1.9	33
3082	Patterns of cortical thinning in idiopathic rapid eye movement sleep behavior disorder. <i>Movement Disorders</i> , 2015, 30, 680-687.	2.2	83
3083	11q24.2-25 micro-rearrangements in autism spectrum disorders: Relation to brain structures. <i>American Journal of Medical Genetics, Part A</i> , 2015, 167, 3019-3030.	0.7	25
3084	Statistical Instability of TBSS Analysis Based on DTI Fitting Algorithm. <i>Journal of Neuroimaging</i> , 2015, 25, 883-891.	1.0	23
3085	Comparison of Automated Brain Volume Measures obtained with NeuroQuant® and FreeSurfer. <i>Journal of Neuroimaging</i> , 2015, 25, 721-727.	1.0	71
3086	Inference of brain pathway activities for Alzheimer's disease classification. <i>BMC Medical Informatics and Decision Making</i> , 2015, 15, S1.	1.5	6
3087	A systematic examination of brain volumetric abnormalities in recent-onset schizophrenia using voxel-based, surface-based and region-of-interest-based morphometric analyses. <i>Journal of Negative Results in BioMedicine</i> , 2015, 14, 11.	1.4	9
3088	Aberrant functioning of the theory-of-mind network in children and adolescents with autism. <i>Molecular Autism</i> , 2015, 6, 59.	2.6	114

#	ARTICLE	IF	CITATIONS
3089	White matter microstructure among youth with perinatally acquired HIV is associated with disease severity. <i>Aids</i> , 2015, 29, 1035-1044.	1.0	47
3090	Longitudinal Partial Volume Correction in 2-[18F]-Fluoro-2-Deoxy-D-Glucose Positron Emission Tomography Studies of Alzheimer Disease. <i>Journal of Computer Assisted Tomography</i> , 2015, 39, 559-564.	0.5	4
3091	Structural asymmetry of cortical visual areas is related to ocular dominance. <i>NeuroReport</i> , 2015, 26, 1071-1076.	0.6	15
3092	Reduced integration and differentiation of the imitation network in autism: A combined functional connectivity magnetic resonance imaging and diffusion-weighted imaging study. <i>Annals of Neurology</i> , 2015, 78, 958-969.	2.8	53
3093	White matter abnormalities associated with military PTSD in the context of blast TBI. <i>Human Brain Mapping</i> , 2015, 36, 1053-1064.	1.9	61
3094	Neurofunctional topography of the human hippocampus. <i>Human Brain Mapping</i> , 2015, 36, 5018-5037.	1.9	98
3095	Neural Correlates of Clinical Scores in Patients with Anterior Shoulder Apprehension. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 2612-2620.	0.2	20
3096	Iterative projection onto convex sets for quantitative susceptibility mapping. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 697-703.	1.9	3
3097	Diffusion Imaging in the Rat Cervical Spinal Cord. <i>Journal of Visualized Experiments</i> , 2015, , .	0.2	8
3098	Optic Neuritis and the Visual Pathway: Evaluation of Neuromyelitis Optica Spectrum by Resting-state fMRI and Diffusion Tensor MRI. <i>Journal of Neuroimaging</i> , 2015, 25, 807-812.	1.0	13
3099	Imaging of Primary Brain Tumors and Metastases with Fast Quantitative 3-Dimensional Magnetization Transfer. <i>Journal of Neuroimaging</i> , 2015, 25, 1007-1014.	1.0	18
3100	Automated removal of spurious intermediate cerebral blood flow volumes improves image quality among older patients: A clinical arterial spin labeling investigation. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 42, 1377-1385.	1.9	35
3101	Functional connectivity changes related to cognitive and motor performance in spinocerebellar ataxia type 2. <i>Movement Disorders</i> , 2015, 30, 1391-1399.	2.2	31
3102	Multivendor implementation and comparison of volumetric whole-brain echo-planar MR spectroscopic imaging. <i>Magnetic Resonance in Medicine</i> , 2015, 74, 1209-1220.	1.9	51
3103	Association of the fat mass and obesity-associated gene risk allele, rs9939609A, and reward-related brain structures. <i>Obesity</i> , 2015, 23, 2118-2122.	1.5	19
3104	Cerebral white matter fractional anisotropy and tract volume as measured by MR imaging are associated with impaired cognitive and motor function in pediatric posterior fossa tumor survivors. <i>Pediatric Blood and Cancer</i> , 2015, 62, 1252-1258.	0.8	44
3105	Structural Connectivity Changes Underlying Altered Working Memory Networks in Mild Cognitive Impairment: A Three-Way Image Fusion Analysis. <i>Journal of Neuroimaging</i> , 2015, 25, 634-642.	1.0	10
3106	The imagined itch: brain circuitry supporting nocebo-induced itch in atopic dermatitis patients. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2015, 70, 1485-1492.	2.7	56

#	ARTICLE	IF	CITATIONS
3107	The Relation Between Injury of the Spinothalamocortical Tract and Central Pain in Chronic Patients With Mild Traumatic Brain Injury. <i>Journal of Head Trauma Rehabilitation</i> , 2015, 30, E40-E46.	1.0	48
3108	Dual echo vesselâ€encoded ASL for simultaneous BOLD and CBF reactivity assessment in patients with ischemic cerebrovascular disease. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 1579-1592.	1.9	29
3109	A DTI-based tractography study of effects on brain structure associated with prenatal alcohol exposure in newborns. <i>Human Brain Mapping</i> , 2015, 36, 170-186.	1.9	52
3110	Regional specificity of aberrant thalamocortical connectivity in autism. <i>Human Brain Mapping</i> , 2015, 36, 4497-4511.	1.9	80
3111	Maternal depression in childhood and aggression in young adulthood: evidence for mediation by offspring amygdalaâ€hippocampal volume ratio. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2015, 56, 1083-1091.	3.1	25
3112	Virtual water maze learning in human increases functional connectivity between posterior hippocampus and dorsal caudate. <i>Human Brain Mapping</i> , 2015, 36, 1265-1277.	1.9	43
3113	Convergent and invariant object representations for sight, sound, and touch. <i>Human Brain Mapping</i> , 2015, 36, 3629-3640.	1.9	31
3114	Differential functional brain network connectivity during visceral interoception as revealed by independent component analysis of fMRI timeâ€series. <i>Human Brain Mapping</i> , 2015, 36, 4438-4468.	1.9	55
3115	Reliability correction for functional connectivity: Theory and implementation. <i>Human Brain Mapping</i> , 2015, 36, 4664-4680.	1.9	71
3116	Functional connectivity associated with gait velocity during walking and walkingâ€whileâ€talking in aging: A restingâ€state fMRI study. <i>Human Brain Mapping</i> , 2015, 36, 1484-1493.	1.9	102
3117	Functional connectivity with distinct neural networks tracks fluctuations in gain/loss framing susceptibility. <i>Human Brain Mapping</i> , 2015, 36, 2743-2755.	1.9	28
3118	Prefrontal cortex white matter tracts in prodromal <sc>H</sc>untington disease. <i>Human Brain Mapping</i> , 2015, 36, 3717-3732.	1.9	45
3119	Negative childhood experiences alter a prefrontalâ€insularâ€motor cortical network in healthy adults: A preliminary multimodal rsfMRIâ€fMRIâ€MRSâ€dMRI study. <i>Human Brain Mapping</i> , 2015, 36, 4622-4637.	1.9	70
3120	Efficient generation of T2*-weighted contrast by interslice echo-shifting for human functional and anatomical imaging at 9.4 Tesla. <i>Magnetic Resonance in Medicine</i> , 2015, 74, 1698-1704.	1.9	10
3121	Tractography of the optic radiation: a repeatability and reproducibility study. <i>NMR in Biomedicine</i> , 2015, 28, 423-431.	1.6	29
3122	Developmental Changes in Brain Function Underlying Inhibitory Control in Autism Spectrum Disorders. <i>Autism Research</i> , 2015, 8, 123-135.	2.1	28
3123	Interpersonal traits of psychopathy linked to reduced integrity of the uncinate fasciculus. <i>Human Brain Mapping</i> , 2015, 36, 4202-4209.	1.9	75
3124	Structural and functional correlates of behavioral pattern separation in the hippocampus and medial temporal lobe. <i>Hippocampus</i> , 2015, 25, 524-533.	0.9	68

#	ARTICLE	IF	CITATIONS
3125	Cigarette smoking leads to persistent and dose-dependent alterations of brain activity and connectivity in anterior insula and anterior cingulate. <i>Addiction Biology</i> , 2015, 20, 1033-1041.	1.4	15
3126	Individual left-hand and right-hand intra-digit representations in human primary somatosensory cortex. <i>European Journal of Neuroscience</i> , 2015, 42, 2155-2163.	1.2	22
3127	Scene coherence can affect the local response to natural images in human V1. <i>European Journal of Neuroscience</i> , 2015, 42, 2895-2903.	1.2	7
3128	Asymptomatic Carotid Stenosis is Associated with Gray and White Matter Damage. <i>International Journal of Stroke</i> , 2015, 10, 1197-1203.	2.9	22
3129	Reward-Modulated Response Inhibition, Cognitive Shifting, and the Orbital Frontal Cortex in Early Adolescence. <i>Journal of Research on Adolescence</i> , 2015, 25, 753-764.	1.9	8
3130	Thalamic Reorganization in Chronic Patients With Intracerebral Hemorrhage. <i>Medicine (United States)</i> , 2015, 94, 1033-1041.	0.4	3
3131	Neuroimaging, Pain Sensitivity, and Neuropsychological Functioning in School-Age Neonatal Extracorporeal Membrane Oxygenation Survivors Exposed to Opioids and Sedatives. <i>Pediatric Critical Care Medicine</i> , 2015, 16, 652-662.	0.2	18
3132	Age of Childhood Onset in Type 1 Diabetes and Functional Brain Connectivity in Midlife. <i>Psychosomatic Medicine</i> , 2015, 77, 622-630.	1.3	18
3133	Brain hyperconnectivity and operation-specific deficits during arithmetic problem solving in children with developmental dyscalculia. <i>Developmental Science</i> , 2015, 18, 351-372.	1.3	111
3134	Injury of the corticoreticular pathway in subarachnoid haemorrhage after rupture of a cerebral artery aneurysm. <i>Journal of Rehabilitation Medicine</i> , 2015, 47, 133-137.	0.8	18
3135	Neuropsychiatry and White Matter Microstructure in Huntington's Disease. <i>Journal of Huntington's Disease</i> , 2015, 4, 239-249.	0.9	33
3136	Effects of Aging on Frontal White Matter Microstructure in Alcohol Use Disorder and Associations With Processing Speed. <i>Journal of Studies on Alcohol and Drugs</i> , 2015, 76, 296-306.	0.6	17
3137	Dissociating Statistically-Determined Alzheimer's Disease/Vascular Dementia Neuropsychological Syndromes Using White and Gray Neuroradiological Parameters. <i>Journal of Alzheimer's Disease</i> , 2015, 48, 833-847.	1.2	13
3138	Resting-State fMRI Functional Connectivity Is Associated with Sleepiness, Imagery, and Discontinuity of Mind. <i>PLoS ONE</i> , 2015, 10, e0142014.	1.1	42
3139	Functional Magnetic Resonance Imaging of Motor Cortex Activation in Schizophrenia. <i>Journal of Korean Medical Science</i> , 2015, 30, 625.	1.1	2
3140	Causal manipulation of functional connectivity in a specific neural pathway during behaviour and at rest. <i>eLife</i> , 2015, 4, .	2.8	55
3141	Consolidation in older adults depends upon competition between resting-state networks. <i>Frontiers in Aging Neuroscience</i> , 2015, 6, 344.	1.7	15
3142	Self-reported physical activity and objective aerobic fitness: differential associations with gray matter density in healthy aging. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 5.	1.7	16

#	ARTICLE	IF	CITATIONS
3143	Cognitive training-induced short-term functional and long-term structural plastic change is related to gains in global cognition in healthy older adults: a pilot study. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 14.	1.7	101
3144	Age-specific MRI brain and head templates for healthy adults from 20 through 89 years of age. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 44.	1.7	94
3145	Differences in prefrontal cortex activation and deactivation during strategic episodic verbal memory encoding in mild cognitive impairment. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 147.	1.7	28
3146	Brain activation during dual-task processing is associated with cardiorespiratory fitness and performance in older adults. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 154.	1.7	52
3147	Elevated body mass index and maintenance of cognitive function in late life: exploring underlying neural mechanisms. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 155.	1.7	27
3148	White matter microstructure contributes to age-related declines in task-induced deactivation of the default mode network. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 194.	1.7	21
3149	Structural Connectivity is Differently Altered in Dementia with Lewy Body and Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 208.	1.7	38
3150	A stereotaxic, population-averaged T1w ovine brain atlas including cerebral morphology and tissue volumes. <i>Frontiers in Neuroanatomy</i> , 2015, 9, 69.	0.9	59
3151	Neural sensitivity to social reward and punishment anticipation in social anxiety disorder. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 439.	1.0	82
3152	The alteration of gray matter volume and cognitive control in adolescents with internet gaming disorder. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 64.	1.0	79
3153	A multimodal approach for determining brain networks by jointly modeling functional and structural connectivity. <i>Frontiers in Computational Neuroscience</i> , 2015, 9, 22.	1.2	28
3154	Cortical hot spots and labyrinths: why cortical neuromodulation for episodic migraine with aura should be personalized. <i>Frontiers in Computational Neuroscience</i> , 2015, 9, 29.	1.2	16
3155	A Winding Road: Alzheimer's Disease Increases Circuitous Functional Connectivity Pathways. <i>Frontiers in Computational Neuroscience</i> , 2015, 9, 140.	1.2	12
3156	Fronto-Striatal Atrophy in Behavioral Variant Frontotemporal Dementia and Alzheimer's Disease. <i>Frontiers in Neurology</i> , 2015, 6, 147.	1.1	48
3157	Treating a GAD65 Antibody-Associated Limbic Encephalitis with Basiliximab: A Case Study. <i>Frontiers in Neurology</i> , 2015, 6, 167.	1.1	26
3158	Functional MRI Preprocessing in Lesioned Brains: Manual Versus Automated Region of Interest Analysis. <i>Frontiers in Neurology</i> , 2015, 6, 196.	1.1	8
3159	Multi-Modal Imaging of Neural Correlates of Motor Speed Performance in the Trail Making Test. <i>Frontiers in Neurology</i> , 2015, 6, 219.	1.1	8
3160	Motor Recovery After Subcortical Stroke Depends on Modulation of Extant Motor Networks. <i>Frontiers in Neurology</i> , 2015, 6, 230.	1.1	6

#	ARTICLE	IF	CITATIONS
3161	High-Dimensional ICA Analysis Detects Within-Network Functional Connectivity Damage of Default-Mode and Sensory-Motor Networks in Alzheimer's Disease. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 43.	1.0	52
3162	Test-retest reliability of white matter structural brain networks: a multiband diffusion MRI study. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 59.	1.0	22
3163	Adaptation to recent conflict in the classical color-word Stroop-task mainly involves facilitation of processing of task-relevant information. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 88.	1.0	19
3164	Aberrant cerebellar connectivity in motor and association networks in schizophrenia. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 134.	1.0	82
3165	Synchrony between sensory and cognitive networks is associated with subclinical variation in autistic traits. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 146.	1.0	11
3166	DTI measures track and predict motor function outcomes in stroke rehabilitation utilizing BCI technology. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 195.	1.0	84
3167	Dimensionality of ICA in resting-state fMRI investigated by feature optimized classification of independent components with SVM. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 259.	1.0	41
3168	Fronto-temporal white matter connectivity predicts reversal learning errors. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 343.	1.0	25
3169	Dose-response relationships using brain-computer interface technology impact stroke rehabilitation. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 361.	1.0	33
3170	Physical exercise in overweight to obese individuals induces metabolic- and neurotrophic-related structural brain plasticity. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 372.	1.0	61
3171	Effective artifact removal in resting state fMRI data improves detection of DMN functional connectivity alteration in Alzheimer's disease. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 449.	1.0	61
3172	Body language in the brain: constructing meaning from expressive movement. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 450.	1.0	14
3173	Resting state functional connectivity differences between behavioral variant frontotemporal dementia and Alzheimer's disease. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 474.	1.0	64
3174	Spontaneous functional network dynamics and associated structural substrates in the human brain. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 478.	1.0	58
3175	Human visual cortical responses to specular and matte motion flows. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 579.	1.0	5
3176	Network-Level Connectivity Dynamics of Movie Watching in 6-Year-Old Children. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 631.	1.0	45
3177	Automated multi-subject fiber clustering of mouse brain using dominant sets. <i>Frontiers in Neuroinformatics</i> , 2014, 8, 87.	1.3	13
3178	Going beyond the current neuroinformatics infrastructure. <i>Frontiers in Neuroinformatics</i> , 2015, 9, 15.	1.3	2

#	ARTICLE	IF	CITATIONS
3179	Hypothalamic BOLD response to glucose intake and hypothalamic volume are similar in anorexia nervosa and healthy control subjects. <i>Frontiers in Neuroscience</i> , 2015, 9, 159.	1.4	19
3180	Parallel workflow tools to facilitate human brain MRI post-processing. <i>Frontiers in Neuroscience</i> , 2015, 9, 171.	1.4	8
3181	Sex differences in white matter integrity in youths with attention-deficit/hyperactivity disorder: a pilot study. <i>Frontiers in Neuroscience</i> , 2015, 9, 232.	1.4	17
3182	A framework to analyze cerebral mean diffusivity using surface guided diffusion mapping in diffusion tensor imaging. <i>Frontiers in Neuroscience</i> , 2015, 9, 236.	1.4	3
3183	Influence of ROI selection on resting state functional connectivity: an individualized approach for resting state fMRI analysis. <i>Frontiers in Neuroscience</i> , 2015, 9, 280.	1.4	52
3184	Gambling on visual performance: neural correlates of metacognitive choice between visual lotteries. <i>Frontiers in Neuroscience</i> , 2015, 9, 314.	1.4	4
3185	Statistical image analysis of longitudinal RAVENS images. <i>Frontiers in Neuroscience</i> , 2015, 9, 368.	1.4	4
3186	ICA-based artifact removal diminishes scan site differences in multi-center resting-state fMRI. <i>Frontiers in Neuroscience</i> , 2015, 9, 395.	1.4	61
3187	Early-Stage White Matter Lesions Detected by Multispectral MRI Segmentation Predict Progressive Cognitive Decline. <i>Frontiers in Neuroscience</i> , 2015, 9, 455.	1.4	21
3188	Comparison of the brain development trajectory between Chinese and U.S. children and adolescents. <i>Frontiers in Systems Neuroscience</i> , 2014, 8, 249.	1.2	19
3189	Robust Volume Assessment of Brain Tissues for 3-Dimensional Fourier Transformation MRI via a Novel Multispectral Technique. <i>PLoS ONE</i> , 2015, 10, e0115527.	1.1	6
3190	Investigating the Genetics of Hippocampal Volume in Older Adults without Dementia. <i>PLoS ONE</i> , 2015, 10, e0116920.	1.1	8
3191	Volumetric Analysis of the Hypothalamus in Huntington Disease Using 3T MRI: The IMAGE-HD Study. <i>PLoS ONE</i> , 2015, 10, e0117593.	1.1	30
3192	Progressive Gender Differences of Structural Brain Networks in Healthy Adults: A Longitudinal, Diffusion Tensor Imaging Study. <i>PLoS ONE</i> , 2015, 10, e0118857.	1.1	84
3193	Alterations in Cerebral White Matter and Neuropsychology in Patients with Cirrhosis and Falls. <i>PLoS ONE</i> , 2015, 10, e0118930.	1.1	11
3194	Aberrant Default-Mode Functional and Structural Connectivity in Heroin-Dependent Individuals. <i>PLoS ONE</i> , 2015, 10, e0120861.	1.1	40
3195	Progressive Cognitive Deficit, Motor Impairment and Striatal Pathology in a Transgenic Huntington Disease Monkey Model from Infancy to Adulthood. <i>PLoS ONE</i> , 2015, 10, e0122335.	1.1	47
3196	The Neural Basis of Risky Choice with Affective Outcomes. <i>PLoS ONE</i> , 2015, 10, e0122475.	1.1	24

#	ARTICLE	IF	CITATIONS
3197	Neuropsychological Outcome and Diffusion Tensor Imaging in Complicated versus Uncomplicated Mild Traumatic Brain Injury. <i>PLoS ONE</i> , 2015, 10, e0122746.	1.1	48
3198	Structural Brain Correlates Associated with Professional Handball Playing. <i>PLoS ONE</i> , 2015, 10, e0124222.	1.1	42
3199	Altered Activation of Innate Immunity Associates with White Matter Volume and Diffusion in First-Episode Psychosis. <i>PLoS ONE</i> , 2015, 10, e0125112.	1.1	32
3200	Fully Automated Whole-Head Segmentation with Improved Smoothness and Continuity, with Theory Reviewed. <i>PLoS ONE</i> , 2015, 10, e0125477.	1.1	36
3201	Development of the Corticospinal and Callosal Tracts from Extremely Premature Birth up to 2 Years of Age. <i>PLoS ONE</i> , 2015, 10, e0125681.	1.1	22
3202	The Microstructural Status of the Corpus Callosum Is Associated with the Degree of Motor Function and Neurological Deficit in Stroke Patients. <i>PLoS ONE</i> , 2015, 10, e0122615.	1.1	53
3203	Frontoparietal Structural Connectivity Mediates the Top-Down Control of Neuronal Synchronization Associated with Selective Attention. <i>PLoS Biology</i> , 2015, 13, e1002272.	2.6	80
3204	Loss of Resting-State Posterior Cingulate Flexibility Is Associated with Memory Disturbance in Left Temporal Lobe Epilepsy. <i>PLoS ONE</i> , 2015, 10, e0131209.	1.1	24
3205	Disruption of White Matter Integrity in Adult Survivors of Childhood Brain Tumors: Correlates with Long-Term Intellectual Outcomes. <i>PLoS ONE</i> , 2015, 10, e0131744.	1.1	42
3206	An Example-Based Multi-Atlas Approach to Automatic Labeling of White Matter Tracts. <i>PLoS ONE</i> , 2015, 10, e0133337.	1.1	36
3207	Altered Brain Activation during Emotional Face Processing in Relation to Both Diagnosis and Polygenic Risk of Bipolar Disorder. <i>PLoS ONE</i> , 2015, 10, e0134202.	1.1	54
3208	Microstructural White Matter Properties Mediate the Association between APOE and Perceptual Speed in Very Old Persons without Dementia. <i>PLoS ONE</i> , 2015, 10, e0134766.	1.1	10
3209	Effect of Simulated Microgravity on Human Brain Gray Matter and White Matter – Evidence from MRI. <i>PLoS ONE</i> , 2015, 10, e0135835.	1.1	41
3210	Subject Based Registration for Individualized Analysis of Diffusion Tensor MRI. <i>PLoS ONE</i> , 2015, 10, e0142288.	1.1	15
3211	Prospective Memory Impairments in Alzheimer's Disease and Behavioral Variant Frontotemporal Dementia: Clinical and Neural Correlates. <i>Journal of Alzheimer's Disease</i> , 2016, 50, 425-441.	1.2	44
3212	An Ultra-High Field Magnetic Resonance Spectroscopy Study of Post Exercise Lactate, Glutamate and Glutamine Change in the Human Brain. <i>Frontiers in Physiology</i> , 2015, 6, 351.	1.3	35
3213	Detection of the arcuate fasciculus in congenital amusia depends on the tractography algorithm. <i>Frontiers in Psychology</i> , 2015, 6, 9.	1.1	45
3214	Neural activity during interoceptive awareness and its associations with alexithymia – An fMRI study in major depressive disorder and non-psychiatric controls. <i>Frontiers in Psychology</i> , 2015, 6, 589.	1.1	34

#	ARTICLE	IF	CITATIONS
3215	Music reduces pain and increases resting state fMRI BOLD signal amplitude in the left angular gyrus in fibromyalgia patients. <i>Frontiers in Psychology</i> , 2015, 6, 1051.	1.1	60
3216	Mind-Reading Ability and Structural Connectivity Changes in Aging. <i>Frontiers in Psychology</i> , 2015, 6, 1808.	1.1	39
3217	Theory of Mind and the Whole Brain Functional Connectivity: Behavioral and Neural Evidences with the Amsterdam Resting State Questionnaire. <i>Frontiers in Psychology</i> , 2015, 6, 1855.	1.1	22
3218	Altered Statistical Learning and Decision-Making in Methamphetamine Dependence: Evidence from a Two-Armed Bandit Task. <i>Frontiers in Psychology</i> , 2015, 6, 1910.	1.1	25
3219	Neuropsychology, autobiographical memory, and hippocampal volume in "younger" and "older" patients with chronic schizophrenia. <i>Frontiers in Psychiatry</i> , 2015, 6, 53.	1.3	16
3220	The Effect of Acupuncture on the Motor Function and White Matter Microstructure in Ischemic Stroke Patients. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-10.	0.5	17
3221	Verbal Memory in Parkinson's Disease: A Combined DTI and fMRI Study. <i>Journal of Parkinson's Disease</i> , 2015, 5, 793-804.	1.5	21
3222	Relationship between Prolactin Plasma Levels and White Matter Volume in Women with Multiple Sclerosis. <i>Mediators of Inflammation</i> , 2015, 2015, 1-5.	1.4	15
3223	Functional Activation and Effective Connectivity Differences in Adolescent Marijuana Users Performing a Simulated Gambling Task. <i>Journal of Addiction</i> , 2015, 2015, 1-11.	0.9	22
3224	Brain-Gut Axis Modulation of Acupuncture in Functional Dyspepsia: A Preliminary Resting-State fcMRI Study. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-11.	0.5	20
3225	The Plasticity of Brain Gray Matter and White Matter following Lower Limb Amputation. <i>Neural Plasticity</i> , 2015, 2015, 1-10.	1.0	50
3226	Network structure of brain atrophy in de novo Parkinson's disease. <i>ELife</i> , 2015, 4, .	2.8	187
3227	Neural indicators of emotion regulation via acceptance vs reappraisal in remitted major depressive disorder. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 1187-1194.	1.5	37
3228	Soluble Epoxide Hydrolase in Hydrocephalus, Cerebral Edema, and Vascular Inflammation After Subarachnoid Hemorrhage. <i>Stroke</i> , 2015, 46, 1916-1922.	1.0	45
3229	Functional Connectivity Changes and Executive and Social Problems in Neurofibromatosis Type I. <i>Brain Connectivity</i> , 2015, 5, 312-320.	0.8	41
3230	The hemodynamic response to somatosensory stimulation in mice depends on the anesthetic used: Implications on analysis of mouse fMRI data. <i>NeuroImage</i> , 2015, 116, 40-49.	2.1	80
3231	Beating the brain about abuse: Empirical and meta-analytic studies of the association between maltreatment and hippocampal volume across childhood and adolescence. <i>Development and Psychopathology</i> , 2015, 27, 507-520.	1.4	94
3232	Establishing pathological cut-offs of brain atrophy rates in multiple sclerosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, jnnp-2014-309903.	0.9	162

#	ARTICLE	IF	CITATIONS
3233	Electric Field Model of Transcranial Electric Stimulation in Nonhuman Primates: Correspondence to Individual Motor Threshold. <i>IEEE Transactions on Biomedical Engineering</i> , 2015, 62, 2095-2105.	2.5	42
3234	Quantification of voxel-wise total fibre density: Investigating the problems associated with track-count mapping. <i>NeuroImage</i> , 2015, 117, 284-293.	2.1	44
3235	Neurosurgery planning in rodents using a magnetic resonance imaging assisted framework to target experimentally defined networks. <i>Computer Methods and Programs in Biomedicine</i> , 2015, 121, 66-76.	2.6	12
3236	Robust and efficient linear registration of white-matter fascicles in the space of streamlines. <i>NeuroImage</i> , 2015, 117, 124-140.	2.1	67
3237	Left-hemisphere lateralization for language and interhemispheric fiber tracking in patients with schizophrenia. <i>Schizophrenia Research</i> , 2015, 165, 30-37.	1.1	28
3238	Cerebral Angiography for Multimodal Surgical Planning in Epilepsy Surgery: Description of a New Three-Dimensional Technique and Literature Review. <i>World Neurosurgery</i> , 2015, 84, 358-367.	0.7	66
3239	Magnetic Resonance Imaging of the Myocardium, Coronary Arteries, and Anomalous Origin of Coronary Arteries. <i>Cardiovascular Medicine</i> , 2015, , 283-337.	0.0	4
3240	Amphetamine modulates brain signal variability and working memory in younger and older adults. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 7593-7598.	3.3	94
3241	White Matter Differences Among Adolescents Reporting Psychotic Experiences. <i>JAMA Psychiatry</i> , 2015, 72, 668.	6.0	54
3242	Evaluating Methods for Constructing Average High-Density Electrode Positions. <i>Brain Topography</i> , 2015, 28, 70-86.	0.8	20
3243	Interhemispheric microstructural connectivity in bitemporal lobe epilepsy with hippocampal sclerosis. <i>Cortex</i> , 2015, 67, 106-121.	1.1	33
3244	Corticospinal tract integrity is related to primary motor cortex thinning in relapsing/remitting multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2015, 21, 1771-1780.	1.4	34
3245	Reduced N-Acetylaspartate to Creatine Ratio in the Posterior Cingulate Correlates with Cognition in Alzheimer's Disease following Four Months of Rivastigmine Treatment. <i>Dementia and Geriatric Cognitive Disorders</i> , 2015, 39, 68-80.	0.7	3
3246	Rough-Fuzzy Clustering and Unsupervised Feature Selection for Wavelet Based MR Image Segmentation. <i>PLoS ONE</i> , 2015, 10, e0123677.	1.1	24
3247	Structural Plasticity of Remote Cortical Brain Regions is Determined by Connectivity to the Primary Lesion in Subcortical Stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 1507-1514.	2.4	46
3248	Widespread white matter but focal gray matter alterations in depressed individuals with thoughts of death. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2015, 62, 22-28.	2.5	60
3249	Estimating function from structure in epileptics using graph diffusion model. , 2015, , .		7
3250	Identification of whole-brain network modules based on a large scale Granger Causality approach. , 2015, 2015, 5380-3.		2

#	ARTICLE	IF	CITATIONS
3251	Synthetic structural magnetic resonance image generator improves deep learning prediction of schizophrenia. , 2015, , .		17
3252	Thalamic Involvement in Fluctuating Cognition in Dementia with Lewy Bodies: Magnetic Resonance Evidences. Cerebral Cortex, 2015, 25, 3682-3689.	1.6	73
3253	Default Mode Connectivity in Youth With Perinatally Acquired HIV. Medicine (United States), 2015, 94, e1417.	0.4	30
3254	Longitudinal Changes in the Brain Following Third Ventriculostomy in a Child With Hydrocephalus. Medicine (United States), 2015, 94, e2095.	0.4	1
3255	<scp>DTI</scp> and <scp>VBM</scp> reveal white matter changes without associated gray matter changes in patients with idiopathic restless legs syndrome. Brain and Behavior, 2015, 5, e00327.	1.0	26
3256	Spontaneously Emerging Patterns in Human Visual Cortex Reflect Responses to Naturalistic Sensory Stimuli. Cerebral Cortex, 2017, 27, bhv275.	1.6	43
3257	Importance of realignment parameters in fMRI data analysis. , 2015, , .		2
3258	Sparse Reconstruction Challenge for diffusion MRI: Validation on a physical phantom to determine which acquisition scheme and analysis method to use?. Medical Image Analysis, 2015, 26, 316-331.	7.0	78
3259	High temporal resolution functional MRI with partial separability model. , 2015, 2015, 7482-5.		1
3260	On Statistical Analysis of Neuroimages with Imperfect Registration. , 2015, 2015, 666-674.		1
3261	Predictive value of early brain atrophy on response in patients treated with interferon \hat{I}^2 . Neurology: Neuroimmunology and NeuroInflammation, 2015, 2, e132.	3.1	28
3262	Structural Variability within Frontoparietal Networks and Individual Differences in Attentional Functions: An Approach Using the Theory of Visual Attention. Journal of Neuroscience, 2015, 35, 10647-10658.	1.7	94
3263	Cascades and Cognitive State: Focused Attention Incurs Subcritical Dynamics. Journal of Neuroscience, 2015, 35, 4626-4634.	1.7	71
3264	The Neural Correlates of Reading Fluency Deficits in Children. Cerebral Cortex, 2015, 25, 1441-1453.	1.6	45
3265	Hedonic Hotspots Regulate Cingulate-driven Adaptation to Cognitive Demands. Cerebral Cortex, 2015, 25, 1746-1756.	1.6	33
3266	Neural Systems Involved When Attending to a Speaker. Cerebral Cortex, 2015, 25, 4284-4298.	1.6	13
3267	Longitudinal changes in white matter microstructure after heavy cannabis use. Developmental Cognitive Neuroscience, 2015, 16, 23-35.	1.9	70
3268	Structural Organization of the Corpus Callosum Predicts Attentional Shifts after Continuous Theta Burst Stimulation. Journal of Neuroscience, 2015, 35, 15353-15368.	1.7	45

#	ARTICLE	IF	CITATIONS
3269	Vitamin D status and vascular dementia due to cerebral small vessel disease in the elderly Asian Indian population. <i>Journal of the Neurological Sciences</i> , 2015, 359, 108-111.	0.3	22
3270	Feature selection of manifold learning using principal component analysis in brain MR image. , 2015, , .		2
3271	Contrasting Roles for Orbitofrontal Cortex and Amygdala in Credit Assignment and Learning in Macaques. <i>Neuron</i> , 2015, 87, 1106-1118.	3.8	138
3272	Multimodal Evaluation of Motor Imagery Training Supported by Mobile EEG at Home: A Case Report. , 2015, , .		6
3273	Clinically feasible NODDI characterization of glioma using multiband EPI at 7ÅT. <i>NeuroImage: Clinical</i> , 2015, 9, 291-299.	1.4	71
3274	Construction of 4D high-definition cortical surface atlases of infants: Methods and applications. <i>Medical Image Analysis</i> , 2015, 25, 22-36.	7.0	112
3275	Optimized multimodal functional magnetic resonance imaging/near-infrared spectroscopy probe for ultrahigh-resolution mapping. <i>Neurophotonics</i> , 2015, 2, 045004.	1.7	2
3276	Combining EPI and motion correction for fMRI human brain images with big motion. , 2015, 2015, 5449-52.		1
3277	Volumetric segmentation of brain tumor based on intensity features of multimodality magnetic resonance imaging. , 2015, , .		2
3278	Multimodal MRI classification in vascular mild cognitive impairment. , 2015, 2015, 4278-81.		6
3279	The Rotterdam Scan Study: design update 2016 and main findings. <i>European Journal of Epidemiology</i> , 2015, 30, 1299-1315.	2.5	182
3280	Use of electric field orientation as an index for estimating the contribution of model complexity in transcranial direct current stimulation forward head model development. <i>IET Science, Measurement and Technology</i> , 2015, 9, 596-605.	0.9	3
3281	Deep grey matter MRI abnormalities and cognitive function in relapsing-remitting multiple sclerosis. <i>Psychiatry Research - Neuroimaging</i> , 2015, 234, 352-361.	0.9	47
3282	Automated volumetry and regional thickness analysis of hippocampal subfields and medial temporal cortical structures in mild cognitive impairment. <i>Human Brain Mapping</i> , 2015, 36, 258-287.	1.9	454
3283	Investigating white matter perfusion using optimal sampling strategy arterial spin labeling at 7 Tesla. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 2243-2248.	1.9	21
3284	Comparison of automated brain segmentation using a brain phantom and patients with early Alzheimer's dementia or mild cognitive impairment. <i>Psychiatry Research - Neuroimaging</i> , 2015, 233, 299-305.	0.9	39
3285	Functional subregions of the human entorhinal cortex. <i>ELife</i> , 2015, 4, .	2.8	190
3286	Joint assessment of white matter integrity, cortical and subcortical atrophy to distinguish AD from behavioral variant FTD: A two-center study. <i>NeuroImage: Clinical</i> , 2015, 9, 418-429.	1.4	38

#	ARTICLE	IF	CITATIONS
3287	Modeling Tumor Treating fields (TTFields) application within a realistic human head model. , 2015, 2015, 2555-8.		5
3288	White Matter Damage Relates to Oxygen Saturation in Children With Sickle Cell Anemia Without Silent Cerebral Infarcts. Stroke, 2015, 46, 1793-1799.	1.0	49
3289	Reducing inter-scanner variability in multi-site fMRI data: Exploring choice of reference activation map and use of correction functions. , 2015, , .		1
3290	A Customizable Multimodality Imaging Compound That Relates External Landmarks to Internal Structures. Journal of Nuclear Medicine Technology, 2015, 43, 267-274.	0.4	1
3291	Perimenopausal hormone therapy is associated with regional sparing of the CA1 subfield: a HUNT MRI study. Neurobiology of Aging, 2015, 36, 2555-2562.	1.5	15
3292	White matter structural integrity differs between people with schizophrenia and healthy groups as a function of cognitive control. Schizophrenia Research, 2015, 169, 62-68.	1.1	9
3293	MEM-diffusion MRI framework to solve MEEG inverse problem. , 2015, , .		2
3294	SVM-Based Classification of Diffusion Tensor Imaging Data for Diagnosing Alzheimer's Disease and Mild Cognitive Impairment. Lecture Notes in Computer Science, 2015, , 489-499.	1.0	3
3295	Learning Predictive Substructures with Regularization for Network Data. , 2015, , .		8
3296	Regional brain responses associated with thermogenic and psychogenic sweating events in humans. Journal of Neurophysiology, 2015, 114, 2578-2587.	0.9	32
3297	Cognitive Impact of Lacunar Infarcts and White Matter Hyperintensity Volume. Dementia and Geriatric Cognitive Disorders Extra, 2015, 5, 170-175.	0.6	12
3298	Effect of Number of Acquisitions in Diffusion Tensor Imaging of the Pediatric Brain: Optimizing Scan Time and Diagnostic Experience. Journal of Neuroimaging, 2015, 25, 296-302.	1.0	5
3299	Tract-based spatial statistics to assess the neuroprotective effect of early erythropoietin on white matter development in preterm infants. Brain, 2015, 138, 388-397.	3.7	89
3300	Functional MRI evidence for fine motor praxis dysfunction in children with persistent speech disorders. Brain Research, 2015, 1597, 47-56.	1.1	27
3301	Brain functional changes across the different phases of bipolar disorder. British Journal of Psychiatry, 2015, 206, 136-144.	1.7	59
3302	Comparison between balanced steady-state free precession and standard spoiled gradient echo magnetization transfer ratio imaging in multiple sclerosis: methodical and clinical considerations. NeuroImage, 2015, 108, 87-94.	2.1	6
3303	Developmental Trajectories for Visuo-Spatial Attention are Altered by Prenatal Alcohol Exposure: A Longitudinal FMRI Study. Cerebral Cortex, 2015, 25, 4761-4771.	1.6	32
3304	Structural gray matter abnormalities in migraine relate to headache lateralization, but not aura. Cephalalgia, 2015, 35, 3-9.	1.8	30

#	ARTICLE	IF	CITATIONS
3305	Complexin2 modulates working memory-related neural activity in patients with schizophrenia. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2015, 265, 137-145.	1.8	19
3306	Cognitive correlates of gray matter abnormalities in adolescent siblings of patients with childhood-onset schizophrenia. <i>Schizophrenia Research</i> , 2015, 161, 345-350.	1.1	14
3307	A Potential Biomarker in Sports-Related Concussion: Brain Functional Connectivity Alteration of the Default-Mode Network Measured with Longitudinal Resting-State fMRI over Thirty Days. <i>Journal of Neurotrauma</i> , 2015, 32, 327-341.	1.7	123
3308	Cognitive performances associate with measures of white matter integrity in bipolar disorder. <i>Journal of Affective Disorders</i> , 2015, 174, 342-352.	2.0	73
3309	Comparing brain structural MRI and metabolic FDG-PET changes in patients with ALS-FTD: â€˜the chicken or the egg?â€™ question. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2015, 86, 952-958.	0.9	39
3310	Differences of the medial lemniscus and spinothalamic tract according to the cortical termination areas: A diffusion tensor tractography study. <i>Somatosensory & Motor Research</i> , 2015, 32, 67-71.	0.4	17
3311	Common and Unique Representations in pFC for Face and Place Attractiveness. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 959-973.	1.1	67
3312	Virtual dissection and comparative connectivity of the superior longitudinal fasciculus in chimpanzees and humans. <i>NeuroImage</i> , 2015, 108, 124-137.	2.1	137
3313	Pre-stimulus functional networks modulate task performance in time-pressured evidence gathering and decision-making. <i>NeuroImage</i> , 2015, 111, 513-525.	2.1	4
3314	Frequency of spontaneous BOLD signal shifts during infancy and correlates with cognitive performance. <i>Developmental Cognitive Neuroscience</i> , 2015, 12, 40-50.	1.9	35
3315	Declines in inflammation predict greater white matter microstructure in older adults. <i>Neurobiology of Aging</i> , 2015, 36, 948-954.	1.5	33
3316	Resting-state functional connectivity alterations in the default network of schizophrenia patients with persistent auditory verbal hallucinations. <i>Schizophrenia Research</i> , 2015, 161, 261-268.	1.1	106
3317	Caudate nucleus reactivity predicts perceptual learning rate for visual feature conjunctions. <i>NeuroImage</i> , 2015, 110, 171-181.	2.1	8
3318	Evoked itch perception is associated with changes in functional brain connectivity. <i>NeuroImage: Clinical</i> , 2015, 7, 213-221.	1.4	32
3319	Comparative Neuropsychiatry: White Matter Abnormalities in Children and Adolescents with Schizophrenia, Bipolar Affective Disorder, and Obsessive-Compulsive Disorder. <i>European Psychiatry</i> , 2015, 30, 205-213.	0.1	11
3320	Neurophysiological correlates of dysregulated emotional arousal in severe traumatic brain injury. <i>Clinical Neurophysiology</i> , 2015, 126, 314-324.	0.7	18
3321	Age-related increases in long-range connectivity in fetal functional neural connectivity networks in utero. <i>Developmental Cognitive Neuroscience</i> , 2015, 11, 96-104.	1.9	127
3322	Influence of the head model on EEG and MEG source connectivity analyses. <i>NeuroImage</i> , 2015, 110, 60-77.	2.1	98

#	ARTICLE	IF	CITATIONS
3323	Representation of visual symbols in the visual word processing network. <i>Neuropsychologia</i> , 2015, 69, 232-241.	0.7	13
3324	Neural Correlates of Aggression in Medication-Naive Children with ADHD: Multivariate Analysis of Morphometry and Tractography. <i>Neuropsychopharmacology</i> , 2015, 40, 1717-1725.	2.8	71
3325	The anatomical location of the corticobulbar tract at the corona radiata in the human brain: Diffusion tensor tractography study. <i>Neuroscience Letters</i> , 2015, 590, 80-83.	1.0	20
3326	The effects of bilingualism on the white matter structure of the brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 1334-1337.	3.3	133
3327	Multimodal analysis of functional and structural disconnection in Alzheimer's disease using multiple kernel SVM. <i>Human Brain Mapping</i> , 2015, 36, 2118-2131.	1.9	156
3328	Epigenetic modification of the oxytocin receptor gene influences the perception of anger and fear in the human brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 3308-3313.	3.3	170
3329	Altered basal ganglia functional connectivity in multiple sclerosis patients with fatigue. <i>Multiple Sclerosis Journal</i> , 2015, 21, 925-934.	1.4	147
3330	The utility of preoperative diffusion tensor imaging in the surgical management of brainstem cavernous malformations. <i>Journal of Neurosurgery</i> , 2015, 122, 653-662.	0.9	45
3331	In vivo evidence of neurophysiological maturation of the human adolescent striatum. <i>Developmental Cognitive Neuroscience</i> , 2015, 12, 74-85.	1.9	63
3332	Morphological derivation overflow as a result of disruption of the left frontal aslant white matter tract. <i>Brain and Language</i> , 2015, 142, 54-64.	0.8	56
3333	Brains for All the Ages. <i>Advances in Child Development and Behavior</i> , 2015, 48, 1-52.	0.7	79
3334	Evaluation of a clinical fMRI cueing system utilizing complex scene and auditory stimuli for neurosurgical treatment planning of patients with cognitive and physical deficits. <i>International Journal of Neuroscience</i> , 2015, 125, 409-418.	0.8	2
3335	Basal ganglia-cortical structural connectivity in Huntington's disease. <i>Human Brain Mapping</i> , 2015, 36, 1728-1740.	1.9	29
3336	A purely confirmatory replication study of structural brain-behavior correlations. <i>Cortex</i> , 2015, 66, 115-133.	1.1	143
3337	Fiber estimation and tractography in diffusion MRI: Development of simulated brain images and comparison of multi-fiber analysis methods at clinical b-values. <i>NeuroImage</i> , 2015, 109, 341-356.	2.1	85
3338	Longitudinal Magnetic Resonance Imaging (MRI) Analysis of the Developmental Changes of Tourette Syndrome Reveal Reduced Diffusion in the Cortico-Striato-Thalamo-Cortical Pathways. <i>Journal of Child Neurology</i> , 2015, 30, 1315-1326.	0.7	27
3339	The ascending reticular activating system from pontine reticular formation to the hypothalamus in the human brain: A diffusion tensor imaging study. <i>Neuroscience Letters</i> , 2015, 590, 58-61.	1.0	43
3340	Predicting Prodromal Alzheimer's Disease in Subjects with Mild Cognitive Impairment Using Machine Learning Classification of Multimodal Multicenter Diffusion Tensor and Magnetic Resonance Imaging Data. <i>Journal of Neuroimaging</i> , 2015, 25, 738-747.	1.0	79

#	ARTICLE	IF	CITATIONS
3341	Shared neural processes support semantic control and action understanding. <i>Brain and Language</i> , 2015, 142, 24-35.	0.8	36
3342	Adolescents with current major depressive disorder show dissimilar patterns of age-related differences in ACC and thalamus. <i>NeuroImage: Clinical</i> , 2015, 7, 391-399.	1.4	31
3343	Linked alterations in gray and white matter morphology in adults with high-functioning autism spectrum disorder: A multimodal brain imaging study. <i>NeuroImage: Clinical</i> , 2015, 7, 155-169.	1.4	71
3344	Cerebro-cerebellar connectivity is increased in primary lateral sclerosis. <i>NeuroImage: Clinical</i> , 2015, 7, 288-296.	1.4	38
3345	Network Diffusion Model of Progression Predicts Longitudinal Patterns of Atrophy and Metabolism in Alzheimer's Disease. <i>Cell Reports</i> , 2015, 10, 359-369.	2.9	177
3346	Structural changes in the CNS of patients with hemifacial spasm. <i>Neuroscience</i> , 2015, 289, 56-62.	1.1	23
3347	Central artery stiffness, baroreflex sensitivity, and brain white matter neuronal fiber integrity in older adults. <i>NeuroImage</i> , 2015, 110, 162-170.	2.1	41
3348	Long-term supratentorial brain structure and cognitive function following cerebellar tumour resections in childhood. <i>Neuropsychologia</i> , 2015, 69, 218-231.	0.7	46
3349	Abnormal white matter integrity in antipsychotic-naïve first-episode psychosis patients assessed by a DTI principal component analysis. <i>Schizophrenia Research</i> , 2015, 162, 14-21.	1.1	30
3350	White matter changes in first episode psychosis and their relation to the size of sample studied: A DTI study. <i>Schizophrenia Research</i> , 2015, 162, 22-28.	1.1	56
3351	Effects of rejecting diffusion directions on tensor-derived parameters. <i>NeuroImage</i> , 2015, 109, 160-170.	2.1	34
3352	Predicting functional connectivity from structural connectivity via computational models using MRI: An extensive comparison study. <i>NeuroImage</i> , 2015, 111, 65-75.	2.1	101
3353	White matter disruption at the prodromal stage of Alzheimer's disease: Relationships with hippocampal atrophy and episodic memory performance. <i>NeuroImage: Clinical</i> , 2015, 7, 482-492.	1.4	68
3354	Simultaneous Multi-Scale Diffusion Estimation and Tractography Guided by Entropy Spectrum Pathways. <i>IEEE Transactions on Medical Imaging</i> , 2015, 34, 1177-1193.	5.4	17
3355	The effects of puberty on white matter development in boys. <i>Developmental Cognitive Neuroscience</i> , 2015, 11, 116-128.	1.9	59
3356	Cholinergic capacity mediates prefrontal engagement during challenges to attention: evidence from imaging genetics. <i>NeuroImage</i> , 2015, 108, 386-395.	2.1	44
3357	Fractal analysis of MRI data for the characterization of patients with schizophrenia and bipolar disorder. <i>Physics in Medicine and Biology</i> , 2015, 60, 1697-1716.	1.6	25
3358	Low-intensity daily walking activity is associated with hippocampal volume in older adults. <i>Hippocampus</i> , 2015, 25, 605-615.	0.9	125

#	ARTICLE	IF	CITATIONS
3359	Neural Mechanisms for Integrating Prior Knowledge and Likelihood in Value-Based Probabilistic Inference. <i>Journal of Neuroscience</i> , 2015, 35, 1792-1805.	1.7	27
3360	White matter neuroanatomical differences in young children who stutter. <i>Brain</i> , 2015, 138, 694-711.	3.7	115
3361	Improving emotional face perception in autism with diuretic bumetanide: A proof-of-concept behavioral and functional brain imaging pilot study. <i>Autism</i> , 2015, 19, 149-157.	2.4	93
3362	Right Arcuate Fasciculus Abnormality in Chronic Fatigue Syndrome. <i>Radiology</i> , 2015, 274, 517-526.	3.6	60
3363	Neural Mechanisms of Emotion Regulation in Autism Spectrum Disorder. <i>Journal of Autism and Developmental Disorders</i> , 2015, 45, 3409-3423.	1.7	69
3364	Representational Similarity of Social and Valence Information in the Medial pFC. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 73-82.	1.1	31
3365	Do brain lesions in stroke affect basic emotions and attachment?. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2015, 37, 595-613.	0.8	17
3366	Classification of tumor area using combined DCE and DSC MRI in patients with glioblastoma. <i>Journal of Neuro-Oncology</i> , 2015, 121, 349-357.	1.4	37
3367	Chronic fetal hypoxia affects axonal maturation in guinea pigs during development: A longitudinal diffusion tensor imaging and <i>T</i>₂ mapping study. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 42, 658-665.	1.9	12
3368	Resting-State Connectivity Predictors of Response to Psychotherapy in Major Depressive Disorder. <i>Neuropsychopharmacology</i> , 2015, 40, 1659-1673.	2.8	122
3369	The idiosyncratic brain: distortion of spontaneous connectivity patterns in autism spectrum disorder. <i>Nature Neuroscience</i> , 2015, 18, 302-309.	7.1	364
3370	Neural Correlates of Setâ€Šifting in Children With Autism. <i>Autism Research</i> , 2015, 8, 386-397.	2.1	45
3371	Microstructural brain abnormalities in Huntington's disease: A twoâ€Šyear followâ€Šup. <i>Human Brain Mapping</i> , 2015, 36, 2061-2074.	1.9	29
3372	Evidence for brain glial activation in chronic pain patients. <i>Brain</i> , 2015, 138, 604-615.	3.7	372
3373	The artist emerges: Visual art learning alters neural structure and function. <i>NeuroImage</i> , 2015, 105, 440-451.	2.1	57
3374	Reorganization of Auditory Cortex in Early-deaf People: Functional Connectivity and Relationship to Hearing Aid Use. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 150-163.	1.1	57
3375	Reduced volume of the nucleus accumbens in heroin addiction. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2015, 265, 637-645.	1.8	68
3376	Multiple comparison procedures for neuroimaging genome-wide association studies. <i>Biostatistics</i> , 2015, 16, 17-30.	0.9	9

#	ARTICLE	IF	CITATIONS
3377	Moderate-Intensity Physical Activity, Hippocampal Volume, and Memory in Older Adults With Mild Cognitive Impairment. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 480-486.	1.7	94
3378	Relationship of β -aminobutyric acid and glutamate + glutamine concentrations in the perigenual anterior cingulate cortex with performance of Cambridge Gambling Task. <i>NeuroImage</i> , 2015, 109, 102-108.	2.1	16
3379	Association of 3.0-T Brain Magnetic Resonance Imaging Biomarkers With Cognitive Function in the Dallas Heart Study. <i>JAMA Neurology</i> , 2015, 72, 170.	4.5	18
3380	Disrupted Brain Functional Organization in Epilepsy Revealed by Graph Theory Analysis. <i>Brain Connectivity</i> , 2015, 5, 276-283.	0.8	39
3381	Different forms of effective connectivity in primate frontotemporal pathways. <i>Nature Communications</i> , 2015, 6, 6000.	5.8	35
3382	Value Is in the Eye of the Beholder: Early Visual Cortex Codes Monetary Value of Objects during a Diverted Attention Task. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 893-901.	1.1	19
3383	White matter lesional predictors of chronic visual neglect: a longitudinal study. <i>Brain</i> , 2015, 138, 746-760.	3.7	188
3384	Moderating effect of working memory capacity on acute alcohol effects on BOLD response during inhibition and error monitoring in male heavy drinkers. <i>Psychopharmacology</i> , 2015, 232, 765-776.	1.5	13
3385	Functional connectivity during rested wakefulness predicts vulnerability to sleep deprivation. <i>NeuroImage</i> , 2015, 111, 147-158.	2.1	230
3386	White matter microstructure in bipolar disorder is influenced by the serotonin transporter gene polymorphism 5-HTTLPR. <i>Genes, Brain and Behavior</i> , 2015, 14, 238-250.	1.1	58
3387	Resting-State Functional Connectivity in Patients with Long-Term Remission of Cushing's Disease. <i>Neuropsychopharmacology</i> , 2015, 40, 1888-1898.	2.8	44
3388	Identifying craniofacial features associated with prenatal exposure to androgens and testing their relationship with brain development. <i>Brain Structure and Function</i> , 2015, 220, 3233-3244.	1.2	14
3389	Functional connectivity in frontal-striatal brain networks and cocaine self-administration in female rhesus monkeys. <i>Psychopharmacology</i> , 2015, 232, 745-754.	1.5	22
3390	Neural Correlate of Anterograde Amnesia in Wernicke-Korsakoff Syndrome. <i>Brain Topography</i> , 2015, 28, 760-770.	0.8	24
3391	Magnified effects of the COMT gene on white-matter microstructure in very old age. <i>Brain Structure and Function</i> , 2015, 220, 2927-2938.	1.2	12
3392	Subcortical morphometry and psychomotor function in euthymic bipolar disorder with a history of psychosis. <i>Brain Imaging and Behavior</i> , 2015, 9, 333-341.	1.1	10
3393	White matter abnormalities in Gulf War veterans with posttraumatic stress disorder: A pilot study. <i>Psychoneuroendocrinology</i> , 2015, 51, 567-576.	1.3	45
3394	Failure of deactivation in the default mode network: a trait marker for schizophrenia?. <i>Psychological Medicine</i> , 2015, 45, 1315-1325.	2.7	42

#	ARTICLE	IF	CITATIONS
3395	White Matter Correlates of Cognitive Impairment in Essential Tremor. <i>American Journal of Neuroradiology</i> , 2015, 36, 448-453.	1.2	32
3396	The dorsal posterior insula subserves a fundamental role in human pain. <i>Nature Neuroscience</i> , 2015, 18, 499-500.	7.1	303
3397	Statins and brain integrity in older adults: Secondary analysis of the Health ABC study. <i>Alzheimer's and Dementia</i> , 2015, 11, 1202-1211.	0.4	14
3398	Diffusion tensor MR imaging of white matter integrity in HIV-positive patients with planning deficit. <i>Neuroradiology</i> , 2015, 57, 475-482.	1.1	35
3399	Global versus tract-specific components of cerebral white matter integrity: relation to adult age and perceptual-motor speed. <i>Brain Structure and Function</i> , 2015, 220, 2705-2720.	1.2	22
3400	A highly accurate symmetric optical flow based high-dimensional nonlinear spatial normalization of brain images. <i>Magnetic Resonance Imaging</i> , 2015, 33, 465-473.	1.0	2
3401	Physical activity, motor function, and white matter hyperintensity burden in healthy older adults. <i>Neurology</i> , 2015, 84, 1294-1300.	1.5	67
3402	Computational and experimental analysis of TMS-induced electric field vectors critical to neuronal activation. <i>Journal of Neural Engineering</i> , 2015, 12, 046014.	1.8	44
3403	Facial affect recognition linked to damage in specific white matter tracts in traumatic brain injury. <i>Social Neuroscience</i> , 2015, 10, 27-34.	0.7	55
3404	Change of the anterior corticospinal tract on the normal side of the brain in chronic stroke patients: Diffusion tensor imaging study. <i>Somatosensory & Motor Research</i> , 2015, 32, 25-30.	0.4	6
3405	Increased Functional Connectivity Between Subcortical and Cortical Resting-State Networks in Autism Spectrum Disorder. <i>JAMA Psychiatry</i> , 2015, 72, 767.	6.0	276
3406	Brain volumetry and self-regulation of brain activity relevant for neurofeedback. <i>Biological Psychology</i> , 2015, 110, 126-133.	1.1	43
3407	Evidence for normal letter-sound integration, but altered language pathways in a case of recovered Landau-Kleffner Syndrome. <i>Brain and Cognition</i> , 2015, 99, 32-45.	0.8	5
3408	Audio-visual integration through the parallel visual pathways. <i>Brain Research</i> , 2015, 1624, 71-77.	1.1	10
3409	Subcallosal Cingulate Connectivity in Anorexia Nervosa Patients Differs From Healthy Controls: A Multi-tensor Tractography Study. <i>Brain Stimulation</i> , 2015, 8, 758-768.	0.7	38
3410	White matter differences between multiple system atrophy (parkinsonian type) and Parkinson's disease: A diffusion tensor image study. <i>Neuroscience</i> , 2015, 305, 109-116.	1.1	30
3411	Anatomical likelihood estimation meta-analysis of grey and white matter anomalies in autism spectrum disorders. <i>NeuroImage: Clinical</i> , 2015, 7, 525-536.	1.4	78
3412	Pantomiming tool use with an imaginary tool in hand as compared to demonstration with tool in hand specifically modulates the left middle and superior temporal gyri. <i>Cortex</i> , 2015, 71, 1-14.	1.1	18

#	ARTICLE	IF	CITATIONS
3413	Specific effect of the fragile-X mental retardation-1 gene (<i>FMR1</i>) on white matter microstructure. <i>British Journal of Psychiatry</i> , 2015, 207, 143-148.	1.7	19
3414	Iterative Probabilistic Voxel Labeling: Automated Segmentation for Analysis of The Cancer Imaging Archive Glioblastoma Images. <i>American Journal of Neuroradiology</i> , 2015, 36, 678-685.	1.2	19
3415	White Matter Alterations in the Brains of Patients with Active, Remitted, and Cured Cushing Syndrome: A DTI Study. <i>American Journal of Neuroradiology</i> , 2015, 36, 1043-1048.	1.2	48
3416	Top-down controlled and bottom-up triggered orienting of auditory attention to pitch activate overlapping brain networks. <i>Brain Research</i> , 2015, 1626, 136-145.	1.1	47
3417	Resting-state fMRI reveals enhanced functional connectivity in spatial navigation networks after transcranial direct current stimulation. <i>Neuroscience Letters</i> , 2015, 604, 80-85.	1.0	34
3418	Functional Connectivity of Insula, Basal Ganglia, and Prefrontal Executive Control Networks during Hypoglycemia in Type 1 Diabetes. <i>Journal of Neuroscience</i> , 2015, 35, 11012-11023.	1.7	36
3419	Microstructure of the superior longitudinal fasciculus predicts stimulation-induced interference with on-line motor control. <i>NeuroImage</i> , 2015, 120, 254-265.	2.1	25
3420	Diffusion tensor imaging reveals no white matter impairments among adults with autism spectrum disorder. <i>Psychiatry Research - Neuroimaging</i> , 2015, 233, 64-72.	0.9	31
3421	Objective measures of physical activity, white matter integrity and cognitive status in adults over age 80. <i>Behavioural Brain Research</i> , 2015, 284, 51-57.	1.2	55
3422	Different neural and cognitive response to emotional faces in healthy monozygotic twins at risk of depression. <i>Psychological Medicine</i> , 2015, 45, 1447-1458.	2.7	32
3423	Role of Acute Lesion Topography in Initial Ischemic Stroke Severity and Long-Term Functional Outcomes. <i>Stroke</i> , 2015, 46, 2438-2444.	1.0	126
3424	Susceptibility to everyday cognitive failure is reflected in functional network interactions in the resting brain. <i>NeuroImage</i> , 2015, 121, 1-9.	2.1	14
3425	AICHA: An atlas of intrinsic connectivity of homotopic areas. <i>Journal of Neuroscience Methods</i> , 2015, 254, 46-59.	1.3	232
3426	N -acetyl-aspartate levels correlate with intra-axonal compartment parameters from diffusion MRI. <i>NeuroImage</i> , 2015, 118, 334-343.	2.1	40
3427	Disconnection of network hubs and cognitive impairment after traumatic brain injury. <i>Brain</i> , 2015, 138, 1696-1709.	3.7	172
3428	Improving the precision of fMRI BOLD signal deconvolution with implications for connectivity analysis. <i>Magnetic Resonance Imaging</i> , 2015, 33, 1314-1323.	1.0	18
3429	Trajectories of peripheral interleukin-6, structure of the hippocampus, and cognitive impairment over 14Åyears in older adults. <i>Neurobiology of Aging</i> , 2015, 36, 3038-3044.	1.5	21
3430	Evaluation of EPI distortion correction methods for quantitative MRI of the brain at high magnetic field. <i>Magnetic Resonance Imaging</i> , 2015, 33, 1098-1105.	1.0	42

#	ARTICLE	IF	CITATIONS
3431	A deconvolution-based approach to identifying large-scale effective connectivity. <i>Magnetic Resonance Imaging</i> , 2015, 33, 1290-1298.	1.0	1
3432	Accelerated progression of white matter hyperintensities and subsequent risk of mortality: a 12-year follow-up study. <i>Neurobiology of Aging</i> , 2015, 36, 2130-2135.	1.5	26
3433	The effects of SIFT on the reproducibility and biological accuracy of the structural connectome. <i>NeuroImage</i> , 2015, 104, 253-265.	2.1	213
3434	DR-BUDDI (Diffeomorphic Registration for Blip-Up blip-Down Diffusion Imaging) method for correcting echo planar imaging distortions. <i>NeuroImage</i> , 2015, 106, 284-299.	2.1	144
3435	Prospective motion correction of 3D echo-planar imaging data for functional MRI using optical tracking. <i>NeuroImage</i> , 2015, 113, 1-12.	2.1	68
3436	Evidence for an antagonistic interaction between reward and punishment sensitivity on striatal activity: A verification of the Joint Subsystems Hypothesis. <i>Personality and Individual Differences</i> , 2015, 74, 214-219.	1.6	7
3437	Hedonic tone is associated with left supero-lateral medial forebrain bundle microstructure. <i>Psychological Medicine</i> , 2015, 45, 865-874.	2.7	33
3438	Altered cortical-amygdala coupling in social anxiety disorder during the anticipation of giving a public speech. <i>Psychological Medicine</i> , 2015, 45, 1521-1529.	2.7	30
3439	Aneurysmal Subarachnoid Hemorrhage Causes Injury of the Ascending Reticular Activating System: Relation to Consciousness. <i>American Journal of Neuroradiology</i> , 2015, 36, 667-671.	1.2	27
3440	Reduced Gyrfication Is Related to Reduced Interhemispheric Connectivity in Autism Spectrum Disorders. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2015, 54, 668-676.	0.3	37
3441	Co-activated yet disconnectedâ€”Neural correlates of eye closures when trying to stay awake. <i>NeuroImage</i> , 2015, 118, 553-562.	2.1	41
3442	Temporal profile of brain response to alprazolam in patients with generalized anxiety disorder. <i>Psychiatry Research - Neuroimaging</i> , 2015, 233, 394-401.	0.9	20
3443	Processing emotional words in two languages with one brain: ERP and fMRI evidence from Chineseâ€”English bilinguals. <i>Cortex</i> , 2015, 71, 34-48.	1.1	93
3444	Differences in the neural signature of remembering schema-congruent and schema-incongruent events. <i>NeuroImage</i> , 2015, 117, 358-366.	2.1	99
3445	Brain Network Adaptability across Task States. <i>PLoS Computational Biology</i> , 2015, 11, e1004029.	1.5	120
3446	Injury to white matter tracts in relapsingâ€”remitting multiple sclerosis: A possible therapeutic window within the first 5Âyears from onset using diffusion-tensor imaging tract-based spatial statistics. <i>NeuroImage: Clinical</i> , 2015, 8, 261-266.	1.4	16
3447	Oxytocin tempers calculated greed but not impulsive defense in predatorâ€”prey contests. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 721-728.	1.5	27
3448	The Anatomical and Functional Organization of the Human Visual Pulvinar. <i>Journal of Neuroscience</i> , 2015, 35, 9848-9871.	1.7	146

#	ARTICLE	IF	CITATIONS
3449	Interpreting support vector machine models for multivariate group wise analysis in neuroimaging. <i>Medical Image Analysis</i> , 2015, 24, 190-204.	7.0	57
3450	Alexithymia is associated with blunted anterior cingulate response to social rejection: implications for daily rejection. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 517-522.	1.5	30
3451	Individual differences in common factors of emotional traits and executive functions predict functional connectivity of the amygdala. <i>NeuroImage</i> , 2015, 120, 154-163.	2.1	38
3452	The Safe Area in the Parieto-Occipital Lobe in the Human Brain: Diffusion Tensor Tractography. <i>World Neurosurgery</i> , 2015, 83, 982-986.	0.7	6
3453	Cognitive Flexibility through Metastable Neural Dynamics Is Disrupted by Damage to the Structural Connectome. <i>Journal of Neuroscience</i> , 2015, 35, 9050-9063.	1.7	148
3454	Dynamics of brain iron levels in multiple sclerosis. <i>Neurology</i> , 2015, 84, 2396-2402.	1.5	61
3456	Voxel-based morphometry predicts shifts in dendritic spine density and morphology with auditory fear conditioning. <i>Nature Communications</i> , 2015, 6, 7582.	5.8	108
3457	A frontal attention mechanism in the visual mismatch negativity. <i>Behavioural Brain Research</i> , 2015, 293, 173-181.	1.2	33
3458	SIFT2: Enabling dense quantitative assessment of brain white matter connectivity using streamlines tractography. <i>NeuroImage</i> , 2015, 119, 338-351.	2.1	506
3459	A low cost approach for brain tumor segmentation based on intensity modeling and 3D Random Walker. <i>Biomedical Signal Processing and Control</i> , 2015, 22, 19-30.	3.5	31
3460	Evidence for smaller right amygdala volumes in posttraumatic stress disorder following childhood trauma. <i>Psychiatry Research - Neuroimaging</i> , 2015, 233, 436-442.	0.9	69
3461	Vascular Coupling in Resting-State fMRI: Evidence from Multiple Modalities. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 1910-1920.	2.4	39
3462	Military blast exposure, ageing and white matter integrity. <i>Brain</i> , 2015, 138, 2278-2292.	3.7	73
3463	Progression of Microstructural Damage in Spinocerebellar Ataxia Type 2: A Longitudinal DTI Study. <i>American Journal of Neuroradiology</i> , 2015, 36, 1096-1101.	1.2	34
3464	Magnetic Resonance-Based Automatic Air Segmentation for Generation of Synthetic Computed Tomography Scans in the Head Region. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 93, 497-506.	0.4	61
3465	Assessing effects of prenatal alcohol exposure using group-wise sparse representation of fMRI data. <i>Psychiatry Research - Neuroimaging</i> , 2015, 233, 254-268.	0.9	32
3466	DIFFUSION MRI-BASED FIBER TRACKING IN HEALTHY AND BRAIN INJURY PATIENTS: A COMPARISON OF DIFFERENT SOFTWARE TOOLS. <i>Journal of Mechanics in Medicine and Biology</i> , 2015, 15, 1540020.	0.3	0
3467	Multivariate pattern analysis reveals anatomical connectivity differences between the left and right mesial temporal lobe epilepsy. <i>NeuroImage: Clinical</i> , 2015, 7, 555-561.	1.4	20

#	ARTICLE	IF	CITATIONS
3468	Noninvasive Assessment of Arterial Compliance of Human Cerebral Arteries with Short Inversion Time Arterial Spin Labeling. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 461-468.	2.4	29
3469	Automatic Labeling of the Human Cerebral Cortex. , 2015, , 357-363.		0
3470	Resting-State Functional Connectivity. , 2015, , 581-585.		6
3471	Brain diffusivity pattern is individual-specific information. <i>Neuroscience</i> , 2015, 301, 395-402.	1.1	4
3472	Multimodal Imaging of Brain Connectivity Using the MIBCA Toolbox: Preliminary Application to Alzheimer's Disease. <i>IEEE Transactions on Nuclear Science</i> , 2015, 62, 604-611.	1.2	4
3473	Human posterior parietal cortex encodes the movement goal in a pro-/anti-reach task. <i>Journal of Neurophysiology</i> , 2015, 114, 170-183.	0.9	24
3474	The relationship between cognitive function and high-resolution diffusion tensor MRI of the cingulum bundle in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2015, 21, 1794-1801.	1.4	36
3475	The Simple Act of Choosing Influences Declarative Memory. <i>Journal of Neuroscience</i> , 2015, 35, 6255-6264.	1.7	97
3476	Amyotrophic lateral sclerosis affects cortical and subcortical activity underlying motor inhibition and action monitoring. <i>Human Brain Mapping</i> , 2015, 36, 2878-2889.	1.9	27
3477	Emotion-Dependent Functional Connectivity of the Default Mode Network in Adolescent Depression. <i>Biological Psychiatry</i> , 2015, 78, 635-646.	0.7	157
3478	A multicontrast approach for comprehensive imaging of substantia nigra. <i>NeuroImage</i> , 2015, 112, 7-13.	2.1	66
3479	Investigating the microstructural and neurochemical environment within the basal ganglia of current methamphetamine abusers. <i>Drug and Alcohol Dependence</i> , 2015, 149, 122-127.	1.6	15
3480	Assessment of functional and structural damage in brain parenchyma in patients with vitamin B12 deficiency: A longitudinal perfusion and diffusion tensor imaging study. <i>Magnetic Resonance Imaging</i> , 2015, 33, 537-543.	1.0	20
3481	Clusters of Low ¹⁸ F-Fluorodeoxyglucose Uptake Voxels in Combat Veterans with Traumatic Brain Injury and Post-Traumatic Stress Disorder. <i>Journal of Neurotrauma</i> , 2015, 32, 1736-1750.	1.7	33
3482	Thalamic and extrathalamic mechanisms of consciousness after severe brain injury. <i>Annals of Neurology</i> , 2015, 78, 68-76.	2.8	137
3483	The White Matter Structural Network Underlying Human Tool Use and Tool Understanding. <i>Journal of Neuroscience</i> , 2015, 35, 6822-6835.	1.7	34
3484	Comparison of functional thalamic segmentation from seed-based analysis and ICA. <i>NeuroImage</i> , 2015, 114, 448-465.	2.1	37
3485	Cortical thickness and brain volumetric analysis in body dysmorphic disorder. <i>Psychiatry Research - Neuroimaging</i> , 2015, 232, 115-122.	0.9	12

#	ARTICLE	IF	CITATIONS
3486	Fast quantitative susceptibility mapping using 3D EPI and total generalized variation. <i>NeuroImage</i> , 2015, 111, 622-630.	2.1	157
3487	Neural correlates of taste and pleasantness evaluation in the metabolic syndrome. <i>Brain Research</i> , 2015, 1620, 57-71.	1.1	21
3488	Perceived life stress exposure modulates reward-related medial prefrontal cortex responses to acute stress in depression. <i>Journal of Affective Disorders</i> , 2015, 180, 104-111.	2.0	38
3489	The organisation of the elderly connectome. <i>NeuroImage</i> , 2015, 114, 414-426.	2.1	62
3490	Emotion Regulation and Trait Anxiety Are Predicted by the Microstructure of Fibers between Amygdala and Prefrontal Cortex. <i>Journal of Neuroscience</i> , 2015, 35, 6020-6027.	1.7	106
3491	Neural correlates of prenatal stress in young women. <i>Psychological Medicine</i> , 2015, 45, 2533-2543.	2.7	48
3492	White matter fractional anisotropy over two time points in early onset schizophrenia and adolescent cannabis use disorder: A naturalistic diffusion tensor imaging study. <i>Psychiatry Research - Neuroimaging</i> , 2015, 232, 34-41.	0.9	37
3493	ICA-AROMA: A robust ICA-based strategy for removing motion artifacts from fMRI data. <i>NeuroImage</i> , 2015, 112, 267-277.	2.1	1,289
3494	Evaluation of ICA-AROMA and alternative strategies for motion artifact removal in resting state fMRI. <i>NeuroImage</i> , 2015, 112, 278-287.	2.1	447
3495	Structural connectivity of neural reward networks in youth at risk for substance use disorders. <i>Psychopharmacology</i> , 2015, 232, 2217-2226.	1.5	15
3496	Human cerebral blood volume measurements using dynamic contrast enhancement in comparison to dynamic susceptibility contrast MRI. <i>Neuroradiology</i> , 2015, 57, 671-678.	1.1	16
3497	¹¹ C-PBR28 imaging in multiple sclerosis patients and healthy controls: test-retest reproducibility and focal visualization of active white matter areas. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2015, 42, 1081-1092.	3.3	77
3498	Automated CT-based segmentation and quantification of total intracranial volume. <i>European Radiology</i> , 2015, 25, 3151-3160.	2.3	17
3499	Tractography of Meyer's loop for temporal lobe resection—validation by prediction of postoperative visual field outcome. <i>Acta Neurochirurgica</i> , 2015, 157, 947-956.	0.9	14
3500	White matter microstructure pathology in classic galactosemia revealed by neurite orientation dispersion and density imaging. <i>Journal of Inherited Metabolic Disease</i> , 2015, 38, 295-304.	1.7	58
3501	Integrity of white matter microstructure in alcoholics with and without Korsakoff's syndrome. <i>Human Brain Mapping</i> , 2015, 36, 2795-2808.	1.9	32
3502	Alterations in frontal white matter neurochemistry and microstructure in schizophrenia: implications for neuroinflammation. <i>Translational Psychiatry</i> , 2015, 5, e548-e548.	2.4	36
3503	Visualization and segmentation of reciprocal cerebocerebellar pathways in the healthy and injured brain. <i>Human Brain Mapping</i> , 2015, 36, 2615-2628.	1.9	22

#	ARTICLE	IF	CITATIONS
3504	Increased Neural Responses to Reward in Adolescents and Young Adults With Attention-Deficit/Hyperactivity Disorder and Their Unaffected Siblings. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2015, 54, 394-402.	0.3	94
3505	Constrained spherical deconvolution-based tractography and tract-based spatial statistics show abnormal microstructural organization in Asperger syndrome. <i>Molecular Autism</i> , 2015, 6, 4.	2.6	31
3506	Neural mechanisms of negative reinforcement in children and adolescents with autism spectrum disorders. <i>Journal of Neurodevelopmental Disorders</i> , 2015, 7, 12.	1.5	27
3507	Disparate voxel based morphometry (VBM) results between SPM and FSL softwares in ALS patients with frontotemporal dementia: which VBM results to consider?. <i>BMC Neurology</i> , 2015, 15, 32.	0.8	43
3508	Connectomics and new approaches for analyzing human brain functional connectivity. <i>GigaScience</i> , 2015, 4, 13.	3.3	55
3509	Interhemispheric insular and inferior frontal connectivity are associated with substance abuse in a psychiatric population. <i>Neuropharmacology</i> , 2015, 92, 63-68.	2.0	24
3510	Altered insular activation and increased insular functional connectivity during sad and happy face processing in adolescent major depressive disorder. <i>Journal of Affective Disorders</i> , 2015, 178, 215-223.	2.0	50
3511	Scale Invariant Metrics of Volumetric Datasets. <i>SIAM Journal on Imaging Sciences</i> , 2015, 8, 403-425.	1.3	5
3512	Calibrated MRI to Evaluate Cerebral Hemodynamics in Patients with an Internal Carotid Artery Occlusion. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 1015-1023.	2.4	42
3513	Dissociable cortico-striatal connectivity abnormalities in major depression in response to monetary gains and penalties. <i>Psychological Medicine</i> , 2015, 45, 121-131.	2.7	58
3514	Can apparent resting state connectivity arise from systemic fluctuations?. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 285.	1.0	61
3515	Correlation between baseline blood pressure and the brainstem fMRI response to isometric forearm contraction in human volunteers: a pilot study. <i>Journal of Human Hypertension</i> , 2015, 29, 449-455.	1.0	10
3516	Visual Fixation in Human Newborns Correlates with Extensive White Matter Networks and Predicts Long-Term Neurocognitive Development. <i>Journal of Neuroscience</i> , 2015, 35, 4824-4829.	1.7	35
3517	Functional subdivisions of medial parieto-occipital cortex in humans and nonhuman primates using resting-state fMRI. <i>NeuroImage</i> , 2015, 116, 10-29.	2.1	48
3518	Dyslexia and voxel-based morphometry: correlations between five behavioural measures of dyslexia and gray and white matter volumes. <i>Annals of Dyslexia</i> , 2015, 65, 121-141.	1.2	22
3519	Bayesian segmentation of brainstem structures in MRI. <i>NeuroImage</i> , 2015, 113, 184-195.	2.1	186
3520	Relationship between white matter microstructure abnormalities and ADHD symptomatology in adolescents. <i>Psychiatry Research - Neuroimaging</i> , 2015, 232, 168-174.	0.9	17
3521	Obesity is marked by distinct functional connectivity in brain networks involved in food reward and salience. <i>Behavioural Brain Research</i> , 2015, 287, 127-134.	1.2	89

#	ARTICLE	IF	CITATIONS
3522	Prestimulus EEG alpha oscillations modulate task-related fMRI BOLD responses to auditory stimuli. <i>NeuroImage</i> , 2015, 113, 153-163.	2.1	29
3523	Dymeclin deficiency causes postnatal microcephaly, hypomyelination and reticulum-to-Golgi trafficking defects in mice and humans. <i>Human Molecular Genetics</i> , 2015, 24, 2771-2783.	1.4	25
3524	Chronic Ischemia Alters Brain Microstructural Integrity and Cognitive Performance in Adult Moyamoya Disease. <i>Stroke</i> , 2015, 46, 354-360.	1.0	80
3525	Do I know you? Examining face and object memory in frontotemporal dementia. <i>Neuropsychologia</i> , 2015, 71, 101-111.	0.7	31
3526	Personality and neuroimaging measures differentiate PTSD from mTBI in veterans. <i>Brain Imaging and Behavior</i> , 2015, 9, 472-483.	1.1	17
3527	White Matter Integrity Dissociates Verbal Memory and Auditory Attention Span in Emerging Adults with Congenital Heart Disease. <i>Journal of the International Neuropsychological Society</i> , 2015, 21, 22-33.	1.2	44
3528	Appraisal of Brain Connectivity in Radiologically Isolated Syndrome by Modeling Imaging Measures. <i>Journal of Neuroscience</i> , 2015, 35, 550-558.	1.7	42
3529	Diagnostic classification of intrinsic functional connectivity highlights somatosensory, default mode, and visual regions in autism. <i>NeuroImage: Clinical</i> , 2015, 8, 238-245.	1.4	141
3530	Brain network alterations and vulnerability to simulated neurodegeneration in breast cancer. <i>Neurobiology of Aging</i> , 2015, 36, 2429-2442.	1.5	76
3531	Contralesional Thalamic Surface Atrophy and Functional Disconnection 3 Months after Ischemic Stroke. <i>Cerebrovascular Diseases</i> , 2015, 39, 232-241.	0.8	26
3532	Disintegration of Sensorimotor Brain Networks in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2015, 41, 1326-1335.	2.3	146
3533	Sterol Regulatory Element Binding Transcription Factor-1 Gene Variation and Medication Load Influence White Matter Structure in Schizophrenia. <i>Neuropsychobiology</i> , 2015, 71, 112-119.	0.9	14
3534	Temporal Changes of Diffusion Patterns in Mild Traumatic Brain Injury via Group-Based Semi-blind Source Separation. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2015, 19, 1459-1471.	3.9	4
3535	Interoception in insula subregions as a possible state marker for depression—An exploratory fMRI study investigating healthy, depressed and remitted participants. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 82.	1.0	70
3536	Reliability of an fMRI paradigm for emotional processing in a multisite longitudinal study. <i>Human Brain Mapping</i> , 2015, 36, 2558-2579.	1.9	63
3537	Cognitive and Brain Structural Changes in a Lung Cancer Population. <i>Journal of Thoracic Oncology</i> , 2015, 10, 38-45.	0.5	79
3538	Diffusion Tensor Imaging Alterations in Patients With Postconcussion Syndrome Undergoing Exercise Treatment. <i>Journal of Head Trauma Rehabilitation</i> , 2015, 30, E32-E42.	1.0	34
3539	Cerebral white matter integrity during primary HIV infection. <i>Aids</i> , 2015, 29, 433-442.	1.0	59

#	ARTICLE	IF	CITATIONS
3540	Processing speed impairment in schizophrenia is mediated by white matter integrity. <i>Psychological Medicine</i> , 2015, 45, 109-120.	2.7	68
3541	Structural and functional dysconnectivity of the fronto-thalamic system in schizophrenia: A DCM-DTI study. <i>Cortex</i> , 2015, 66, 35-45.	1.1	68
3542	Longitudinal alterations to brain function, structure, and cognitive performance in healthy older adults: A fMRI-DTI study. <i>Neuropsychologia</i> , 2015, 71, 225-235.	0.7	45
3543	Multivariate fMRI and Eye Tracking Reveal Differential Effects of Visual Interference on Recognition Memory Judgments for Objects and Scenes. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 1708-1722.	1.1	8
3544	Medial prefrontal cortical activity reflects dynamic re-evaluation during voluntary persistence. <i>Nature Neuroscience</i> , 2015, 18, 760-766.	7.1	72
3545	Grasping with the Press of a Button: Grasp-selective Responses in the Human Anterior Intraparietal Sulcus Depend on Nonarbitrary Causal Relationships between Hand Movements and End-effector Actions. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 1146-1160.	1.1	9
3546	Comparative diffusion tractography of corticostriatal motor pathways reveals differences between humans and macaques. <i>Journal of Neurophysiology</i> , 2015, 113, 2164-2172.	0.9	25
3547	Cortical thickness, surface area and folding in patients with psychogenic nonepileptic seizures. <i>Epilepsy Research</i> , 2015, 112, 84-91.	0.8	53
3548	Diffusion Tensor Imaging Findings and Postconcussion Symptom Reporting Six Weeks Following Mild Traumatic Brain Injury. <i>Archives of Clinical Neuropsychology</i> , 2015, 30, 7-25.	0.3	39
3549	Know your tools—concordance of different methods for measuring brain volume change after ischemic stroke. <i>Neuroradiology</i> , 2015, 57, 685-695.	1.1	7
3550	Learning-induced autonomy of sensorimotor systems. <i>Nature Neuroscience</i> , 2015, 18, 744-751.	7.1	507
3551	Age differences in the brain mechanisms of good taste. <i>NeuroImage</i> , 2015, 113, 298-309.	2.1	37
3552	Target sites for transcallosal fibers in human visual cortex—A combined diffusion and polarized light imaging study. <i>Cortex</i> , 2015, 72, 40-53.	1.1	37
3553	Neonatal MRI is associated with future cognition and academic achievement in preterm children. <i>Brain</i> , 2015, 138, 3251-3262.	3.7	50
3554	Increased connectivity between sensorimotor and attentional areas in Parkinson's disease. <i>Neuroradiology</i> , 2015, 57, 957-968.	1.1	33
3555	Diffusion Kurtosis Imaging Detects Microstructural Alterations in Brain of α -Synuclein Overexpressing Transgenic Mouse Model of Parkinson's Disease: A Pilot Study. <i>Neurotoxicity Research</i> , 2015, 28, 281-289.	1.3	17
3556	Mapping the "Depression Switch" During Intraoperative Testing of Subcallosal Cingulate Deep Brain Stimulation. <i>JAMA Neurology</i> , 2015, 72, 1252.	4.5	116
3557	Neuroanatomical correlates of personality in chimpanzees (<i>Pan troglodytes</i>): Associations between personality and frontal cortex. <i>NeuroImage</i> , 2015, 123, 63-71.	2.1	24

#	ARTICLE	IF	CITATIONS
3558	Negligible fronto-parietal BOLD activity accompanying unreportable switches in bistable perception. <i>Nature Neuroscience</i> , 2015, 18, 1672-1678.	7.1	97
3559	A shift in perspective: Decentering through mindful attention to imagined stressful events. <i>Neuropsychologia</i> , 2015, 75, 505-524.	0.7	74
3560	Cognitive and White Matter Tract Differences in MS and Diffuse Neuropsychiatric Systemic Lupus Erythematosus. <i>American Journal of Neuroradiology</i> , 2015, 36, 1874-1883.	1.2	33
3561	Permutation and parametric tests for effect sizes in voxel-based morphometry of gray matter volume in brain structural MRI. <i>Magnetic Resonance Imaging</i> , 2015, 33, 1299-1305.	1.0	28
3562	Diffusion-weighted magnetic resonance imaging and pediatric epilepsy. <i>Journal of Pediatric Epilepsy</i> , 2015, 02, 049-061.	0.1	0
3563	Interest of HYPR flow dynamic MRA for characterization of cerebral arteriovenous malformations: comparison with TRICKS MRA and catheter DSA. <i>European Radiology</i> , 2015, 25, 3230-3237.	2.3	10
3564	Reduced Hemispheric Asymmetry of Brain Anatomical Networks Is Linked to Schizophrenia: A Connectome Study. <i>Cerebral Cortex</i> , 2017, 27, bhv255.	1.6	60
3565	Morphological Abnormalities of Thalamic Subnuclei in Migraine: A Multicenter MRI Study at 3 Tesla. <i>Journal of Neuroscience</i> , 2015, 35, 13800-13806.	1.7	62
3566	Abnormal White Matter Integrity in Chronic Users of Codeine-Containing Cough Syrups: A Tract-Based Spatial Statistics Study. <i>American Journal of Neuroradiology</i> , 2015, 36, 50-56.	1.2	15
3567	Functional Magnetic Resonance Imaging of Rats with Experimental Autoimmune Encephalomyelitis Reveals Brain Cortex Remodeling. <i>Journal of Neuroscience</i> , 2015, 35, 10088-10100.	1.7	54
3568	Brain MR diffusion tensor imaging in Kennedy's disease. <i>Neuroradiology Journal</i> , 2015, 28, 126-132.	0.6	11
3569	White matter and reading deficits after pediatric traumatic brain injury: A diffusion tensor imaging study. <i>NeuroImage: Clinical</i> , 2015, 9, 668-677.	1.4	12
3570	Disease-specific structural changes in thalamus and dentatorubrothalamic tract in progressive supranuclear palsy. <i>Neuroradiology</i> , 2015, 57, 1079-1091.	1.1	37
3571	Differential relationships between apathy and depression with white matter microstructural changes and functional outcomes. <i>Brain</i> , 2015, 138, 3803-3815.	3.7	126
3572	Neural mechanisms of response inhibition and impulsivity in 22q11.2 deletion carriers and idiopathic attention deficit hyperactivity disorder. <i>NeuroImage: Clinical</i> , 2015, 9, 310-321.	1.4	8
3573	Global tractography of multi-shell diffusion-weighted imaging data using a multi-tissue model. <i>NeuroImage</i> , 2015, 123, 89-101.	2.1	128
3574	Comparison of Velocity- and Acceleration-Selective Arterial Spin Labeling with [¹⁵ O]H ₂ O Positron Emission Tomography. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 1296-1303.	2.4	24
3575	Home Reading Environment and Brain Activation in Preschool Children Listening to Stories. <i>Pediatrics</i> , 2015, 136, 466-478.	1.0	124

#	ARTICLE	IF	CITATIONS
3576	Neural mechanisms of high-risk decisions to drink in alcohol-dependent women. <i>Addiction Biology</i> , 2015, 20, 390-406.	1.4	41
3577	No abnormalities of intrinsic brain connectivity in the interictal phase of migraine with aura. <i>European Journal of Neurology</i> , 2015, 22, 702.	1.7	37
3578	No Microstructural White Matter Alterations in Chronic and Episodic Migraineurs: A Case-Control Diffusion Tensor Magnetic Resonance Imaging Study. <i>Headache</i> , 2015, 55, 241-251.	1.8	44
3579	Subcortical Structure Volumes and Correlation to Clinical Variables in Parkinson's Disease. <i>Journal of Neuroimaging</i> , 2015, 25, 275-280.	1.0	18
3580	Anatomically Informed Metrics for Connectivity-Based Cortical Parcellation From Diffusion MRI. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2015, 19, 1375-1383.	3.9	14
3581	Evaluation of several multi-atlas methods for PSEUDO-CT generation in brain MRI-PET attenuation correction. , 2015, , .		17
3582	Insecure attachment during infancy predicts greater amygdala volumes in early adulthood. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2015, 56, 540-548.	3.1	92
3583	Investigating distinct and common abnormalities of resting-state functional connectivity in depression, anxiety, and their comorbid states. <i>European Neuropsychopharmacology</i> , 2015, 25, 1933-1942.	0.3	56
3584	Simultaneous control of error rates in fMRI data analysis. <i>NeuroImage</i> , 2015, 123, 102-113.	2.1	6
3585	Neuroanatomy of intergroup bias: A white matter microstructure study of individual differences. <i>NeuroImage</i> , 2015, 122, 345-354.	2.1	29
3586	Double-letter processing in surface dyslexia and dysgraphia following a left temporal lesion: A multimodal neuroimaging study. <i>Cortex</i> , 2015, 73, 112-130.	1.1	15
3587	Multimodal imaging of mild traumatic brain injury and persistent postconcussion syndrome. <i>Brain and Behavior</i> , 2015, 5, 45-61.	1.0	48
3588	Effects of ECT in treatment of depression: study protocol for a prospective neuroradiological study of acute and longitudinal effects on brain structure and function. <i>BMC Psychiatry</i> , 2015, 15, 94.	1.1	22
3589	Brain Activation for Knee Movement Measured Days Before Second Anterior Cruciate Ligament Injury: Neuroimaging in Musculoskeletal Medicine. <i>Journal of Athletic Training</i> , 2015, , .	0.9	2
3590	The electric field distribution in the brain during TFields therapy and its dependence on tissue dielectric properties and anatomy: a computational study. <i>Physics in Medicine and Biology</i> , 2015, 60, 7339-7357.	1.6	84
3591	Functional MRI in clinical practice: Assessment of language and motor for pre-surgical planning. <i>Neuroradiology Journal</i> , 2015, 28, 468-473.	0.6	19
3592	The Good, the Bad, and the Irrelevant: Neural Mechanisms of Learning Real and Hypothetical Rewards and Effort. <i>Journal of Neuroscience</i> , 2015, 35, 11233-11251.	1.7	74
3593	Fear responses to safety cues in anxious adolescents: Preliminary evidence for atypical age-associated trajectories of functional neural circuits. <i>Journal of Psychiatric Research</i> , 2015, 68, 301-308.	1.5	27

#	ARTICLE	IF	CITATIONS
3594	Impulsive Traits and Unplanned Suicide Attempts Predict Exaggerated Prefrontal Response to Angry Faces in the Elderly. <i>American Journal of Geriatric Psychiatry</i> , 2015, 23, 829-839.	0.6	18
3595	Simulated field maps for susceptibility artefact correction in interventional MRI. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2015, 10, 1405-1416.	1.7	4
3596	Machine Learning in Medical Imaging. <i>Lecture Notes in Computer Science</i> , 2015, , .	1.0	7
3597	Gray- and White-Matter Anatomy of Absolute Pitch Possessors. <i>Cerebral Cortex</i> , 2015, 25, 1379-1388.	1.6	43
3598	Brain magnetic resonance metabolic and microstructural changes in adult-onset autosomal dominant leukodystrophy. <i>Brain Research Bulletin</i> , 2015, 117, 24-31.	1.4	12
3599	Neural mechanisms supporting maladaptive food choices in anorexia nervosa. <i>Nature Neuroscience</i> , 2015, 18, 1571-1573.	7.1	158
3600	Abnormal Neural Activation to Faces in the Parents of Children with Autism. <i>Cerebral Cortex</i> , 2015, 25, 4653-4666.	1.6	33
3601	Changes in functional MRI signals after 3D based radiotherapy of glioblastoma multiforme. <i>Journal of Neuro-Oncology</i> , 2015, 125, 157-166.	1.4	10
3602	Corticospinal Tract Anatomy and Functional Connectivity of Primary Motor Cortex in Autism. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2015, 54, 859-867.	0.3	47
3603	A Genetic algorithm based feature selection technique for classification of multiple-subject fMRI data. , 2015, , .		2
3604	Effect of Discontinuation of Antihypertensive Treatment in Elderly People on Cognitive Functioning—the DANTE Study Leiden. <i>JAMA Internal Medicine</i> , 2015, 175, 1622.	2.6	107
3605	Human hippocampus represents space and time during retrieval of real-world memories. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 11078-11083.	3.3	187
3606	Neural Substrates of Inhibitory Control Deficits in 22q11.2 Deletion Syndrome. <i>Cerebral Cortex</i> , 2015, 25, 1069-1079.	1.6	16
3607	Neuroinformatics Software Applications Supporting Electronic Data Capture, Management, and Sharing for the Neuroimaging Community. <i>Neuropsychology Review</i> , 2015, 25, 356-368.	2.5	23
3608	Scene construction impairments in Alzheimer's disease — A unique role for the posterior cingulate cortex. <i>Cortex</i> , 2015, 73, 10-23.	1.1	65
3609	Multimodal connectivity of motor learning-related dorsal premotor cortex. <i>NeuroImage</i> , 2015, 123, 114-128.	2.1	37
3610	Improved Low-Rank Filtering of Magnetic Resonance Spectroscopic Imaging Data Corrupted by Noise and Field Inhomogeneity. <i>IEEE Transactions on Biomedical Engineering</i> , 2015, 63, 1-1.	2.5	22
3611	Magnetization transfer ratio in lesions rather than normal-appearing brain relates to disability in patients with multiple sclerosis. <i>Journal of Neurology</i> , 2015, 262, 1909-1917.	1.8	18

#	ARTICLE	IF	CITATIONS
3612	Abnormal coactivation of the hypothalamus and salience network in patients with cluster headache. <i>Neurology</i> , 2015, 84, 1402-1408.	1.5	35
3613	Motor network efficiency and disability in multiple sclerosis. <i>Neurology</i> , 2015, 85, 1115-1122.	1.5	40
3614	Schizophrenia symptoms and brain network efficiency: A resting-state fMRI study. <i>Psychiatry Research - Neuroimaging</i> , 2015, 234, 208-218.	0.9	40
3615	Lower Blood Pressure Is Associated With Smaller Subcortical Brain Volumes in Older Persons. <i>American Journal of Hypertension</i> , 2015, 28, 1127-1133.	1.0	23
3616	Two spatiotemporally distinct value systems shape reward-based learning in the human brain. <i>Nature Communications</i> , 2015, 6, 8107.	5.8	55
3617	Gray and white matter alterations in hereditary spastic paraplegia type SPG4 and clinical correlations. <i>Journal of Neurology</i> , 2015, 262, 1961-1971.	1.8	30
3618	The construction of MRI brain/head templates for Chinese children from 7 to 16 years of age. <i>Developmental Cognitive Neuroscience</i> , 2015, 15, 94-105.	1.9	28
3619	Neural injury by frontal approach of external ventricular drainage in stroke patients. <i>International Journal of Neuroscience</i> , 2015, 125, 742-746.	0.8	5
3620	Brain oxygenation responses to an autonomic challenge: a quantitative fMRI investigation of the Valsalva manoeuvre. <i>Age</i> , 2015, 37, 91.	3.0	6
3621	â€œVisualâ€•Cortex of Congenitally Blind Adults Responds to Syntactic Movement. <i>Journal of Neuroscience</i> , 2015, 35, 12859-12868.	1.7	89
3622	The direct pathway from the brainstem reticular formation to the cerebral cortex in the ascending reticular activating system: A diffusion tensor imaging study. <i>Neuroscience Letters</i> , 2015, 606, 200-203.	1.0	24
3623	The Cumulative Influence of Hyperoxia and Hypercapnia on Blood Oxygenation and R_{2^*} . <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 2032-2042.	2.4	14
3624	Outcome Assessment of Hemiparesis due to Intracerebral Hemorrhage Using Diffusion Tensor Fractional Anisotropy. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2015, 24, 881-889.	0.7	20
3625	Sex beyond the genitalia: The human brain mosaic. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15468-15473.	3.3	493
3626	HAFNI-enabled largescale platform for neuroimaging informatics (HELPNI). <i>Brain Informatics</i> , 2015, 2, 225-238.	1.8	13
3627	Past experience shapes ongoing neural patterns for language. <i>Nature Communications</i> , 2015, 6, 10073.	5.8	40
3628	Gender differences in the effect of tobacco use on brain phosphocreatine levels in methamphetamine-dependent subjects. <i>American Journal of Drug and Alcohol Abuse</i> , 2015, 41, 281-289.	1.1	6
3629	The anatomical location of the corticoreticular pathway at the subcortical white matter in the human brain: A diffusion tensor imaging study. <i>Somatosensory & Motor Research</i> , 2015, 32, 106-109.	0.4	8

#	ARTICLE	IF	CITATIONS
3630	Neural evidence for competition-mediated suppression in the perception of a single object. <i>Cortex</i> , 2015, 72, 124-139.	1.1	16
3631	Sleep variability in adolescence is associated with altered brain development. <i>Developmental Cognitive Neuroscience</i> , 2015, 14, 16-22.	1.9	116
3632	Earlier adolescent substance use onset predicts stronger connectivity between reward and cognitive control brain networks. <i>Developmental Cognitive Neuroscience</i> , 2015, 16, 121-129.	1.9	57
3633	Brain morphometry of individuals with schizophrenia with and without antipsychotic medication â€œ The Northern Finland Birth Cohort 1966 Study. <i>European Psychiatry</i> , 2015, 30, 598-605.	0.1	7
3634	Asymmetries of the central sulcus in young adults: Effects of gender, age and sulcal pattern. <i>International Journal of Developmental Neuroscience</i> , 2015, 44, 65-74.	0.7	2
3635	Reduced cerebrovascular reactivity in young adults carrying the <i>APOE</i> Î¼4 allele. <i>Alzheimer's and Dementia</i> , 2015, 11, 648.	0.4	84
3636	Suspected non-AD pathology in mild cognitive impairment. <i>Neurobiology of Aging</i> , 2015, 36, 3152-3162.	1.5	63
3637	Region of interest correction factors improve reliability of diffusion imaging measures within and across scanners and field strengths. <i>NeuroImage</i> , 2015, 119, 406-416.	2.1	48
3638	Aberrant function of frontoamygdala circuits in adolescents with previous verbal abuse experiences. <i>Neuropsychologia</i> , 2015, 79, 76-85.	0.7	37
3639	An unbiased Bayesian approach to functional connectomics implicates social-communication networks in autism. <i>NeuroImage: Clinical</i> , 2015, 8, 356-366.	1.4	30
3640	Adverse childhood experiences influence white matter microstructure in patients with schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2015, 234, 35-43.	0.9	32
3641	Auditory sequence processing reveals evolutionarily conserved regions of frontal cortex in macaques and humans. <i>Nature Communications</i> , 2015, 6, 8901.	5.8	99
3642	Investigating dynamical information transfer in the brain following a TMS pulse: Insights from structural architecture. , 2015, 2015, 5396-9.		1
3643	Evidence for reduced efficiency and successful compensation in older adults during task switching. <i>Cortex</i> , 2015, 64, 352-362.	1.1	45
3644	Single-dose serotonergic stimulation shows widespread effects on functional brain connectivity. <i>NeuroImage</i> , 2015, 122, 440-450.	2.1	62
3645	Exposing asymmetric gray matter vulnerability in amyotrophic lateral sclerosis. <i>NeuroImage: Clinical</i> , 2015, 7, 782-787.	1.4	24
3646	Peripheral telomere length and hippocampal volume in adolescents with major depressive disorder. <i>Translational Psychiatry</i> , 2015, 5, e676-e676.	2.4	43
3647	Mindfulness Meditation-Based Pain Relief Employs Different Neural Mechanisms Than Placebo and Sham Mindfulness Meditation-Induced Analgesia. <i>Journal of Neuroscience</i> , 2015, 35, 15307-15325.	1.7	254

#	ARTICLE	IF	CITATIONS
3648	Structural alterations of the language connectome in children with specific language impairment. <i>Brain and Language</i> , 2015, 151, 35-41.	0.8	23
3649	Altered neural processing of emotional faces in remitted Cushing's disease. <i>Psychoneuroendocrinology</i> , 2015, 59, 134-146.	1.3	40
3650	White matter structure in young adults with familial risk for psychosis – The Oulu Brain and Mind Study. <i>Psychiatry Research - Neuroimaging</i> , 2015, 233, 388-393.	0.9	8
3651	Parcellating cortical functional networks in individuals. <i>Nature Neuroscience</i> , 2015, 18, 1853-1860.	7.1	429
3652	Fast Whole-Brain Three-dimensional Macromolecular Proton Fraction Mapping in Multiple Sclerosis. <i>Radiology</i> , 2015, 274, 210-220.	3.6	63
3653	The relationship of brain structure to age and executive functioning in adolescent disruptive behavior disorder. <i>Psychiatry Research - Neuroimaging</i> , 2015, 231, 210-217.	0.9	23
3654	When Imagining Yourself in Pain, Visual Perspective Matters: The Neural and Behavioral Correlates of Simulated Sensory Experiences. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 866-875.	1.1	33
3655	Microstructure of frontoparietal connections predicts individual resistance to sleep deprivation. <i>NeuroImage</i> , 2015, 106, 123-133.	2.1	43
3656	Effects of Erythropoietin on Hippocampal Volume and Memory in Mood Disorders. <i>Biological Psychiatry</i> , 2015, 78, 270-277.	0.7	83
3657	Lifetime hypertension as a predictor of brain structure in older adults: cohort study with a 28-year follow-up. <i>British Journal of Psychiatry</i> , 2015, 206, 308-315.	1.7	40
3658	Testing Group Differences in Brain Functional Connectivity: Using Correlations or Partial Correlations?. <i>Brain Connectivity</i> , 2015, 5, 214-231.	0.8	19
3659	Differentiating between right-lateralised semantic dementia and behavioural-variant frontotemporal dementia: an examination of clinical characteristics and emotion processing. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2015, 86, 1082-1088.	0.9	94
3660	Disruption of white matter integrity marks poor antidepressant response in bipolar disorder. <i>Journal of Affective Disorders</i> , 2015, 174, 233-240.	2.0	41
3661	Fear-potentiated startle during extinction is associated with white matter microstructure and functional connectivity. <i>Cortex</i> , 2015, 64, 249-259.	1.1	53
3662	Rhesus monkey brain development during late infancy and the effect of phencyclidine: A longitudinal MRI and DTI study. <i>NeuroImage</i> , 2015, 107, 65-75.	2.1	25
3663	Increased cortical thickness and altered functional connectivity of the right superior temporal gyrus in left-handers. <i>Neuropsychologia</i> , 2015, 67, 27-34.	0.7	16
3664	Thalamo-frontal connectivity mediates top-down cognitive functions in disorders of consciousness. <i>Neurology</i> , 2015, 84, 167-173.	1.5	105
3665	3D GRASE Pulsed Arterial Spin Labeling at Multiple Inflow Times in Patients with Long Arterial Transit Times: Comparison with Dynamic Susceptibility-Weighted Contrast-Enhanced MRI at 3 Tesla. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 392-401.	2.4	43

#	ARTICLE	IF	CITATIONS
3666	Abnormal white matter integrity and impairment of cognitive abilities in adolescent inhalant abusers. <i>Neurotoxicology and Teratology</i> , 2015, 47, 89-95.	1.2	13
3667	Inter-hemispheric language functional reorganization in low-grade glioma patients after tumour surgery. <i>Cortex</i> , 2015, 64, 235-248.	1.1	37
3668	Effect of hypertension on the resting-state functional connectivity in patients with Alzheimer's disease (AD). <i>Archives of Gerontology and Geriatrics</i> , 2015, 60, 210-216.	1.4	20
3669	Probabilistic Maps of Visual Topography in Human Cortex. <i>Cerebral Cortex</i> , 2015, 25, 3911-3931.	1.6	546
3670	Polygenic Risk for Schizophrenia Associated With Working Memory-related Prefrontal Brain Activation in Patients With Schizophrenia and Healthy Controls. <i>Schizophrenia Bulletin</i> , 2015, 41, 736-743.	2.3	62
3671	Aging of corticospinal tract fibers according to the cerebral origin in the human brain: A diffusion tensor imaging study. <i>Neuroscience Letters</i> , 2015, 585, 77-81.	1.0	24
3672	A randomized controlled pilot trial of lithium in spinocerebellar ataxia type 2. <i>Journal of Neurology</i> , 2015, 262, 149-153.	1.8	32
3673	Hierarchical multi-atlas label fusion with multi-scale feature representation and label-specific patch partition. <i>NeuroImage</i> , 2015, 106, 34-46.	2.1	95
3674	Widespread structural brain changes in OCD: A systematic review of voxel-based morphometry studies. <i>Cortex</i> , 2015, 62, 89-108.	1.1	169
3675	Consistent Anterior-Posterior Segregation of the Insula During the First 2 Years of Life. <i>Cerebral Cortex</i> , 2015, 25, 1176-1187.	1.6	77
3676	Functional Network Development During the First Year: Relative Sequence and Socioeconomic Correlations. <i>Cerebral Cortex</i> , 2015, 25, 2919-2928.	1.6	275
3677	Multimodal frontostriatal connectivity underlies individual differences in self-esteem. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 364-370.	1.5	66
3678	Development of human brain cortical network architecture during infancy. <i>Brain Structure and Function</i> , 2015, 220, 1173-1186.	1.2	240
3679	Gray and white matter structures in the midcingulate cortex region contribute to body mass index in Chinese young adults. <i>Brain Structure and Function</i> , 2015, 220, 319-329.	1.2	48
3680	Toward Defining the Neural Substrates of ADHD. <i>Journal of Attention Disorders</i> , 2015, 19, 944-953.	1.5	41
3681	Heritability of Subcortical and Limbic Brain Volume and Shape in Multiplex-Multigenerational Families with Schizophrenia. <i>Biological Psychiatry</i> , 2015, 77, 137-146.	0.7	42
3682	Brain anatomical substrates of mirror movements in Kallmann syndrome. <i>NeuroImage</i> , 2015, 104, 52-58.	2.1	10
3683	Regulating emotion to improve physical health through the amygdala. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 523-530.	1.5	36

#	ARTICLE	IF	CITATIONS
3684	Genomic architecture of human neuroanatomical diversity. <i>Molecular Psychiatry</i> , 2015, 20, 1011-1016.	4.1	50
3685	Functional Specialization and Flexibility in Human Association Cortex. <i>Cerebral Cortex</i> , 2015, 25, 3654-3672.	1.6	361
3686	Simultaneous EEG&fMRI at ultra-high field: Artifact prevention and safety assessment. <i>NeuroImage</i> , 2015, 105, 132-144.	2.1	63
3687	Subcortical brain segmentation of two dimensional T1-weighted data sets with FMRIB's Integrated Registration and Segmentation Tool (FIRST). <i>NeuroImage: Clinical</i> , 2015, 7, 43-52.	1.4	23
3688	Connectivity cluster analysis for discovering discriminative subnetworks in schizophrenia. <i>Human Brain Mapping</i> , 2015, 36, 756-767.	1.9	17
3689	Molecular and phenotypic abnormalities in individuals with germline heterozygous PTEN mutations and autism. <i>Molecular Psychiatry</i> , 2015, 20, 1132-1138.	4.1	132
3690	Altered hypothalamic functional connectivity in cluster headache: a longitudinal resting-state functional MRI study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2015, 86, 437-445.	0.9	52
3691	The Prognostic Utility of MRI in Clinically Isolated Syndrome: A Literature Review. <i>American Journal of Neuroradiology</i> , 2015, 36, 425-431.	1.2	15
3692	Relating Structural and Functional Connectivity in MRI: A Simple Model for a Complex Brain. <i>IEEE Transactions on Medical Imaging</i> , 2015, 34, 27-37.	5.4	26
3693	How to use fMRI functional localizers to improve EEG/MEG source estimation. <i>Journal of Neuroscience Methods</i> , 2015, 250, 64-73.	1.3	41
3694	Connectome and Maturation Profiles of the Developing Mouse Brain Using Diffusion Tensor Imaging. <i>Cerebral Cortex</i> , 2015, 25, 2696-2706.	1.6	18
3695	Amygdala&Prefrontal Cortex Functional Connectivity During Threat-Induced Anxiety and Goal Distraction. <i>Biological Psychiatry</i> , 2015, 77, 394-403.	0.7	144
3696	Alterations in Resting-State Brain Networks in Concussed Adolescent Athletes. <i>Journal of Neurotrauma</i> , 2015, 32, 265-271.	1.7	83
3697	Exploring Variations in Functional Connectivity of the Resting State Default Mode Network in Mild Traumatic Brain Injury. <i>Brain Connectivity</i> , 2015, 5, 102-114.	0.8	64
3698	High Resolution Imaging of Viscoelastic Properties of Intracranial Tumours by Multi-Frequency Magnetic Resonance Elastography. <i>Clinical Neuroradiology</i> , 2015, 25, 371-378.	1.0	79
3699	Experimental focal neocortical epilepsy is associated with reduced white matter volume growth: results from multiparametric MRI analysis. <i>Brain Structure and Function</i> , 2015, 220, 27-36.	1.2	4
3700	Direct diffusion-based parcellation of the human thalamus. <i>Brain Structure and Function</i> , 2015, 220, 1619-1635.	1.2	44
3701	Characterizing longitudinal white matter development during early childhood. <i>Brain Structure and Function</i> , 2015, 220, 1921-1933.	1.2	149

#	ARTICLE	IF	CITATIONS
3702	Imaging changes associated with cognitive abnormalities in Parkinson's disease. <i>Brain Structure and Function</i> , 2015, 220, 2249-2261.	1.2	41
3703	Acquisition of Paleolithic toolmaking abilities involves structural remodeling to inferior frontoparietal regions. <i>Brain Structure and Function</i> , 2015, 220, 2315-2331.	1.2	94
3704	Connectivity-based parcellation of the human frontal polar cortex. <i>Brain Structure and Function</i> , 2015, 220, 2603-2616.	1.2	53
3705	Converging Medial Frontal Resting State and Diffusion-Based Abnormalities in Borderline Personality Disorder. <i>Biological Psychiatry</i> , 2016, 79, 107-116.	0.7	57
3706	Multimodality Neurological Data Visualization With Multi-VOI-Based DTI Fiber Dynamic Integration. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2016, 20, 293-303.	3.9	7
3707	DueCredit: automated collection of citations for software, methods, and data. <i>GigaScience</i> , 2016, 5, .	3.3	0
3708	Mindfulness Training for Older Adults with Subjective Cognitive Decline: Results from a Pilot Randomized Controlled Trial. <i>Journal of Alzheimer's Disease</i> , 2016, 52, 757-774.	1.2	83
3709	The effects of orientation and attention during surround suppression of small image features: A 7 Tesla fMRI study. <i>Journal of Vision</i> , 2016, 16, 19.	0.1	21
3710	Responses in early visual areas to contour integration are context dependent. <i>Journal of Vision</i> , 2016, 16, 19.	0.1	14
3711	Imaging network level language recovery after left PCA stroke. <i>Restorative Neurology and Neuroscience</i> , 2016, 34, 473-489.	0.4	28
3712	Multiple-Atlas Segmentation in Medical Imaging. , 2016, , 231-257.		2
3713	Diffusion tensor imaging in the characterization of multiple system atrophy. <i>Neuropsychiatric Disease and Treatment</i> , 2016, Volume 12, 2181-2187.	1.0	13
3714	Abnormal organization of white matter networks in patients with subjective cognitive decline and mild cognitive impairment. <i>Oncotarget</i> , 2016, 7, 48953-48962.	0.8	38
3715	Computer-Aided Diagnosis in Neuroimaging. , 0, , .		4
3716	Melatonin 4 mg as prophylactic therapy for primary headaches: a pilot study. <i>Functional Neurology</i> , 2016, 31, 33-7.	1.3	29
3717	Magnetic Resonance Imaging-Based Radiomic Profiles Predict Patient Prognosis in Newly Diagnosed Glioblastoma Before Therapy. <i>Tomography</i> , 2016, 2, 223-228.	0.8	62
3718	How Many Is Enough? Effect of Sample Size in Inter-Subject Correlation Analysis of fMRI. <i>Computational Intelligence and Neuroscience</i> , 2016, 2016, 1-10.	1.1	53
3719	Resting-State Functional Connectivity and Cognitive Impairment in Children with Perinatal Stroke. <i>Neural Plasticity</i> , 2016, 2016, 1-11.	1.0	17

#	ARTICLE	IF	CITATIONS
3720	State and Training Effects of Mindfulness Meditation on Brain Networks Reflect Neuronal Mechanisms of Its Antidepressant Effect. <i>Neural Plasticity</i> , 2016, 2016, 1-14.	1.0	47
3721	BrainK for Structural Image Processing: Creating Electrical Models of the Human Head. <i>Computational Intelligence and Neuroscience</i> , 2016, 2016, 1-25.	1.1	16
3722	Differences in Cortical Representation and Structural Connectivity of Hands and Feet between Professional Handball Players and Ballet Dancers. <i>Neural Plasticity</i> , 2016, 2016, 1-17.	1.0	32
3723	Motor Skill Acquisition Promotes Human Brain Myelin Plasticity. <i>Neural Plasticity</i> , 2016, 2016, 1-7.	1.0	74
3724	Using Tractography to Distinguish SWEDD from Parkinson's Disease Patients Based on Connectivity. <i>Parkinson's Disease</i> , 2016, 2016, 1-10.	0.6	10
3725	Simultaneous Assessment of White Matter Changes in Microstructure and Connectedness in the Blind Brain. <i>Neural Plasticity</i> , 2016, 2016, 1-12.	1.0	32
3726	The Parahippocampal Cortex Mediates Contextual Associative Memory: Evidence from an fMRI Study. <i>BioMed Research International</i> , 2016, 2016, 1-11.	0.9	13
3727	Contribution of oxytocin receptor polymorphisms to amygdala activation in schizophrenia spectrum disorders. <i>BJPsych Open</i> , 2016, 2, 353-358.	0.3	11
3728	Hitchhiker'S Guide to Voxel Segmentation for Partial Volume Correction of in Vivo Magnetic Resonance Spectroscopy. <i>Magnetic Resonance Insights</i> , 2016, 9, MRI.S32903.	2.5	57
3729	Variability in Cumulative Habitual Sleep Duration Predicts Waking Functional Connectivity. <i>Sleep</i> , 2016, 39, 87-95.	0.6	31
3730	Fundamentals of Functional Neuroimaging. , 0, , 41-73.		3
3731	Random Projection for Fast and Efficient Multivariate Correlation Analysis of High-Dimensional Data: A New Approach. <i>Frontiers in Genetics</i> , 2016, 7, 102.	1.1	5
3732	Effects of Long-Term Mindfulness Meditation on Brain's White Matter Microstructure and its Aging. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 254.	1.7	43
3733	Abnormal Subcortical Brain Morphology in Patients with Knee Osteoarthritis: A Cross-sectional Study. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 3.	1.7	39
3734	A Comparison of Magnetic Resonance Imaging and Neuropsychological Examination in the Diagnostic Distinction of Alzheimer's Disease and Behavioral Variant Frontotemporal Dementia. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 119.	1.7	24
3735	False Recognition in Behavioral Variant Frontotemporal Dementia and Alzheimer's Disease—Disinhibition or Amnesia?. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 177.	1.7	27
3736	Whole-Brain Atrophy Differences between Progressive Supranuclear Palsy and Idiopathic Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 218.	1.7	7
3737	Strength of Structural and Functional Frontostriatal Connectivity Predicts Self-Control in the Healthy Elderly. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 307.	1.7	14

#	ARTICLE	IF	CITATIONS
3738	Brodmannâ€™s Area Template Based Region of Interest Setting and Probabilistic Pathway Map Generation in Diffusion Tensor Tractography: Application to the Arcuate Fasciculus Fiber Tract in the Human Brain. <i>Frontiers in Neuroanatomy</i> , 2016, 10, 4.	0.9	3
3739	Cortical Terminations of the Inferior Fronto-Occipital and Uncinate Fasciculi: Anatomical Stem-Based Virtual Dissection. <i>Frontiers in Neuroanatomy</i> , 2016, 10, 58.	0.9	114
3740	Neural Substrates of Semantic Prospection â€“ Evidence from the Dementias. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 96.	1.0	22
3741	Combining Real-Time fMRI Neurofeedback Training of the DLPFC with N-Back Practice Results in Neuroplastic Effects Confined to the Neurofeedback Target Region. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 138.	1.0	9
3742	Attention Performance Measured by Attention Network Test Is Correlated with Global and Regional Efficiency of Structural Brain Networks. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 194.	1.0	34
3743	Sex Differences in Fiber Connection between the Striatum and Subcortical and Cortical Regions. <i>Frontiers in Computational Neuroscience</i> , 2016, 10, 100.	1.2	11
3744	A Prospective Pilot Investigation of Brain Volume, White Matter Hyperintensities, and Hemorrhagic Lesions after Mild Traumatic Brain Injury. <i>Frontiers in Neurology</i> , 2016, 7, 11.	1.1	41
3745	Amyloid Dysmetabolism Relates to Reduced Glucose Uptake in White Matter Hyperintensities. <i>Frontiers in Neurology</i> , 2016, 7, 209.	1.1	11
3746	Resting-State Functional Magnetic Resonance Imaging for Language Preoperative Planning. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 11.	1.0	65
3747	Chronic Post-Concussion Neurocognitive Deficits. I. Relationship with White Matter Integrity. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 35.	1.0	15
3748	fMRI Adaptation between Action Observation and Action Execution Reveals Cortical Areas with Mirror Neuron Properties in Human BA 44/45. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 78.	1.0	18
3749	Comparison of Brain Activity Correlating with Self-Report versus Narrative Attachment Measures during Conscious Appraisal of an Attachment Figure. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 90.	1.0	16
3750	Tactile Object Familiarity in the Blind Brain Reveals the Supramodal Perceptual-Mnemonic Nature of the Perirhinal Cortex. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 92.	1.0	8
3751	Connectomic and Surface-Based Morphometric Correlates of Acute Mild Traumatic Brain Injury. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 127.	1.0	31
3752	Linear Discriminant Analysis Achieves High Classification Accuracy for the BOLD fMRI Response to Naturalistic Movie Stimuli. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 128.	1.0	33
3753	Eye Movements during Auditory Attention Predict Individual Differences in Dorsal Attention Network Activity. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 164.	1.0	33
3754	Outcome Uncertainty and Brain Activity Aberrance in the Insula and Anterior Cingulate Cortex Are Associated with Dysfunctional Impulsivity in Borderline Personality Disorder. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 207.	1.0	15
3755	Neural Processing of Familiar and Unfamiliar Childrenâ€™s Faces: Effects of Experienced Love Withdrawal, but No Effects of Neutral and Threatening Priming. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 231.	1.0	4

#	ARTICLE	IF	CITATIONS
3756	Lateralâ€“Medial Dissociation in Orbitofrontal Cortexâ€“Hypothalamus Connectivity. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 244.	1.0	41
3757	The Dorsal Rather than Ventral Pathway Better Reflects Individual Syntactic Abilities in Second Language. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 295.	1.0	7
3758	Correcting for Blood Arrival Time in Global Mean Regression Enhances Functional Connectivity Analysis of Resting State fMRI-BOLD Signals. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 311.	1.0	89
3759	Temporal Dynamics of the Default Mode Network Characterize Meditation-Induced Alterations in Consciousness. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 372.	1.0	56
3760	Brainâ€“Computer Interface Training after Stroke Affects Patterns of Brainâ€“Behavior Relationships in Corticospinal Motor Fibers. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 457.	1.0	27
3761	High Frequency Migraine Is Associated with Lower Acute Pain Sensitivity and Abnormal Insula Activity Related to Migraine Pain Intensity, Attack Frequency, and Pain Catastrophizing. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 489.	1.0	46
3762	The Calculation of Language Lateralization Indices in Post-stroke Aphasia: A Comparison of a Standard and a Lesion-Adjusted Formula. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 493.	1.0	15
3763	Multimodal Imaging Signatures of Parkinson's Disease. <i>Frontiers in Neuroscience</i> , 2016, 10, 131.	1.4	24
3764	Multimodal 7T Imaging of Thalamic Nuclei for Preclinical Deep Brain Stimulation Applications. <i>Frontiers in Neuroscience</i> , 2016, 10, 264.	1.4	25
3765	Influence of BOLD Contributions to Diffusion fMRI Activation of the Visual Cortex. <i>Frontiers in Neuroscience</i> , 2016, 10, 279.	1.4	10
3766	Manual-Protocol Inspired Technique for Improving Automated MR Image Segmentation during Label Fusion. <i>Frontiers in Neuroscience</i> , 2016, 10, 325.	1.4	13
3767	No Evidence for Automatic Remapping of Stimulus Features or Location Found with fMRI. <i>Frontiers in Systems Neuroscience</i> , 2016, 10, 53.	1.2	17
3768	Impact of Short Social Training on Prosocial Behaviors: An fMRI Study. <i>Frontiers in Systems Neuroscience</i> , 2016, 10, 60.	1.2	10
3769	Insights into Brain Architectures from the Homological Scaffolds of Functional Connectivity Networks. <i>Frontiers in Systems Neuroscience</i> , 2016, 10, 85.	1.2	53
3770	The Inverse Relationship between the Microstructural Variability of Amygdala-Prefrontal Pathways and Trait Anxiety Is Moderated by Sex. <i>Frontiers in Systems Neuroscience</i> , 2016, 10, 93.	1.2	25
3771	Interhemispheric Connections between the Primary Visual Cortical Areas via the Anterior Commissure in Human Callosal Agenesis. <i>Frontiers in Systems Neuroscience</i> , 2016, 10, 101.	1.2	20
3772	Dietary Alpha-Lipoic Acid Alters Piglet Neurodevelopment. <i>Frontiers in Pediatrics</i> , 2016, 4, 44.	0.9	9
3773	Body-Machine Interfaces after Spinal Cord Injury: Rehabilitation and Brain Plasticity. <i>Brain Sciences</i> , 2016, 6, 61.	1.1	16

#	ARTICLE	IF	CITATIONS
3774	Aging Related White Matter Tracts Detection Based on 42 Clinically Healthy Subjects. , 2016, , .		0
3775	Cortical surface parcellation via dMRI using mutual nearest neighbor condition. , 2016, , .		5
3776	An experimental investigation of labeling efficiency for pseudo-continuous arterial spin labeling. , 2016, , .		1
3777	Microstructure and Cerebral Blood Flow within White Matter of the Human Brain: A TBSS Analysis. PLoS ONE, 2016, 11, e0150657.	1.1	29
3778	ENIGMA-Viewer. , 2016, , .		0
3779	Robustness of Automated Methods for Brain Volume Measurements across Different MRI Field Strengths. PLoS ONE, 2016, 11, e0165719.	1.1	83
3780	Reproducibility of Brain Morphometry from Short-Term Repeat Clinical MRI Examinations: A Retrospective Study. PLoS ONE, 2016, 11, e0146913.	1.1	12
3781	Correlating Function and Imaging Measures of the Medial Longitudinal Fasciculus. PLoS ONE, 2016, 11, e0147863.	1.1	4
3782	Thalamic Volume Is Reduced in Cervical and Laryngeal Dystonias. PLoS ONE, 2016, 11, e0155302.	1.1	36
3783	A Method for Automated Classification of Parkinsonâ€™s Disease Diagnosis Using an Ensemble Average Propagator Template Brain Map Estimated from Diffusion MRI. PLoS ONE, 2016, 11, e0155764.	1.1	8
3784	Influence of Vascular Variant of the Posterior Cerebral Artery (PCA) on Cerebral Blood Flow, Vascular Response to CO2 and Static Functional Connectivity. PLoS ONE, 2016, 11, e0161121.	1.1	4
3785	Discriminating the Difference between Remote and Close Association with Relation to White-Matter Structural Connectivity. PLoS ONE, 2016, 11, e0165053.	1.1	27
3786	Assessing Microstructural Substrates of White Matter Abnormalities: A Comparative Study Using DTI and NODDI. PLoS ONE, 2016, 11, e0167884.	1.1	65
3787	Neuroanatomical Abnormalities in Violent Individuals with and without a Diagnosis of Schizophrenia. PLoS ONE, 2016, 11, e0168100.	1.1	25
3788	Fusiform Gyrus Dysfunction is Associated with Perceptual Processing Efficiency to Emotional Faces in Adolescent Depression: A Model-Based Approach. Frontiers in Psychology, 2016, 7, 40.	1.1	30
3789	Do Political and Economic Choices Rely on Common Neural Substrates? A Systematic Review of the Emerging Neuropolitics Literature. Frontiers in Psychology, 2016, 7, 264.	1.1	16
3790	White-Matter Structural Connectivity Underlying Human Laughter-Related Traits Processing. Frontiers in Psychology, 2016, 7, 1637.	1.1	9
3791	Neural Correlates of Learning from Induced Insight: A Case for Reward-Based Episodic Encoding. Frontiers in Psychology, 2016, 7, 1693.	1.1	40

#	ARTICLE	IF	CITATIONS
3792	Abnormal Connectional Fingerprint in Schizophrenia: A Novel Network Analysis of Diffusion Tensor Imaging Data. <i>Frontiers in Psychiatry</i> , 2016, 7, 114.	1.3	5
3793	Sex Effects on Smoking Cue Perception in Non-Smokers, Smokers, and Ex-Smokers: A Pilot Study. <i>Frontiers in Psychiatry</i> , 2016, 7, 187.	1.3	9
3794	White matter structure alterations in HIV-1-infected men with sustained suppression of viraemia on treatment. <i>Aids</i> , 2016, 30, 311-322.	1.0	52
3795	Evidence of altered membrane phospholipid metabolism in the anterior cingulate cortex and striatum of patients with bipolar disorder I: A multi-voxel 1H MRS study. <i>Journal of Psychiatric Research</i> , 2016, 81, 48-55.	1.5	23
3796	Anesthesia-induced Suppression of Human Dorsal Anterior Insula Responsivity at Loss of Volitional Behavioral Response. <i>Anesthesiology</i> , 2016, 124, 766-778.	1.3	31
3797	Influence of Bcl I C/G (rs41423247) on hippocampal shape and white matter integrity of the parahippocampal cingulum in major depressive disorder. <i>Psychoneuroendocrinology</i> , 2016, 72, 147-155.	1.3	15
3798	Increased Modularity of Resting State Networks Supports Improved Narrative Production in Aphasia Recovery. <i>Brain Connectivity</i> , 2016, 6, 524-529.	0.8	51
3799	Consistent Spatial-Temporal Longitudinal Atlas Construction for Developing Infant Brains. <i>IEEE Transactions on Medical Imaging</i> , 2016, 35, 2568-2577.	5.4	33
3800	White matter microstructural damage and depressive symptoms in patients with mild cognitive impairment and cerebral small vessel disease: the VMClâ€Tuscany Study. <i>International Journal of Geriatric Psychiatry</i> , 2016, 31, 611-618.	1.3	15
3801	Pathway to neural resilience: Selfâ€Esteem buffers against deleterious effects of poverty on the hippocampus. <i>Human Brain Mapping</i> , 2016, 37, 3757-3766.	1.9	34
3802	Acute white matter changes following sportâ€related concussion: A serial diffusion tensor and diffusion kurtosis tensor imaging study. <i>Human Brain Mapping</i> , 2016, 37, 3821-3834.	1.9	100
3803	Restingâ€state functional connectivity and motor imagery brain activation. <i>Human Brain Mapping</i> , 2016, 37, 3847-3857.	1.9	32
3804	Longitudinal diffusion tensor imaging after pediatric traumatic brain injury: Impact of age at injury and time since injury on pathway integrity. <i>Human Brain Mapping</i> , 2016, 37, 3929-3945.	1.9	46
3805	Peripheral nerve diffusion tensor imaging is reliable and reproducible. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 43, 962-969.	1.9	46
3806	Language, aging, and cognition. <i>NeuroReport</i> , 2016, 27, 689-693.	0.6	47
3807	Sound the Alarm: The Effect of Narcissism on Retaliatory Aggression Is Moderated by <scpdACC</scpd> Reactivity to Rejection. <i>Journal of Personality</i> , 2016, 84, 361-368.	1.8	40
3808	Spinal Cord Stimulation (SCS) and Functional Magnetic Resonance Imaging (fMRI): Modulation of Cortical Connectivity With Therapeutic SCS. <i>Neuromodulation</i> , 2016, 19, 142-153.	0.4	58
3809	A Diffusion Tensor Imaging Study in Children With ADHD, Autism Spectrum Disorder, OCD, and Matched Controls: Distinct and Non-Distinct White Matter Disruption and Dimensional Brain-Behavior Relationships. <i>American Journal of Psychiatry</i> , 2016, 173, 1213-1222.	4.0	124

#	ARTICLE	IF	CITATIONS
3810	Compensatory activation in fronto-parietal cortices among HIV-infected persons during a monetary decision-making task. <i>Human Brain Mapping</i> , 2016, 37, 2455-2467.	1.9	21
3811	Self-Assembly/Disassembly of Nanostructures Confers Off/On-Signal for Molecular Imaging. <i>ChemNanoMat</i> , 2016, 2, 344-353.	1.5	5
3812	Detail-preserving construction of neonatal brain atlases in space-frequency domain. <i>Human Brain Mapping</i> , 2016, 37, 2133-2150.	1.9	14
3813	Structural connectivity of the human anterior temporal lobe: A diffusion magnetic resonance imaging study. <i>Human Brain Mapping</i> , 2016, 37, 2210-2222.	1.9	47
3814	Automated alignment of perioperative MRI scans: A technical note and application in pediatric epilepsy surgery. <i>Human Brain Mapping</i> , 2016, 37, 3530-3543.	1.9	4
3815	Short-term white matter alterations in Alzheimer's disease characterized by diffusion tensor imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 43, 627-634.	1.9	11
3816	White matter alterations in narcolepsy patients with cataplexy: tract-based spatial statistics. <i>Journal of Sleep Research</i> , 2016, 25, 181-189.	1.7	30
3817	Separation of cellular and BOLD contributions to T2* signal relaxation. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 606-615.	1.9	57
3818	Time-efficient, high-resolution, whole brain three-dimensional macromolecular proton fraction mapping. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 2100-2106.	1.9	48
3819	Assessment of cortical damage in early multiple sclerosis with quantitative T_2 relaxometry. <i>NMR in Biomedicine</i> , 2016, 29, 444-450.	1.6	31
3820	Structural connectome disruption at baseline predicts 6-months post-stroke outcome. <i>Human Brain Mapping</i> , 2016, 37, 2587-2601.	1.9	89
3821	Alterations of neocortico-hippocampal association fibers and correlation with diet in prediabetes diagnosed by impaired fasting glucose. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 43, 1500-1506.	1.9	6
3822	Variable flip angle T_1 mapping in the human brain with reduced T_2 sensitivity using fast radiofrequency-spoiled gradient echo imaging. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 1413-1422.	1.9	25
3823	White Matter Microstructural Compromise Is Associated With Cognition But Not Posttraumatic Stress Disorder Symptoms in Military Veterans With Traumatic Brain Injury. <i>Journal of Head Trauma Rehabilitation</i> , 2016, 31, 297-308.	1.0	22
3824	Contextual modulation of pain in masochists. <i>Pain</i> , 2016, 157, 445-455.	2.0	24
3825	Microstructural white matter changes mediate age-related cognitive decline on the Montreal Cognitive Assessment (MoCA). <i>Psychophysiology</i> , 2016, 53, 258-267.	1.2	15
3826	Changes in White Matter Microstructure Suggest an Inflammatory Origin of Neuropsychiatric Systemic Lupus Erythematosus. <i>Arthritis and Rheumatology</i> , 2016, 68, 1945-1954.	2.9	28
3827	Combining multiple anatomical MRI measures improves Alzheimer's disease classification. <i>Human Brain Mapping</i> , 2016, 37, 1920-1929.	1.9	53

#	ARTICLE	IF	CITATIONS
3828	White matter deficits mediate effects of prenatal alcohol exposure on cognitive development in childhood. <i>Human Brain Mapping</i> , 2016, 37, 2943-2958.	1.9	56
3829	Application of Machine Learning to Arterial Spin Labeling in Mild Cognitive Impairment and Alzheimer Disease. <i>Radiology</i> , 2016, 281, 865-875.	3.6	58
3830	Neural response to modulating the probability that actions of self or other result in auditory tones: A parametric fMRI study into causal ambiguity. <i>Biological Psychology</i> , 2016, 119, 64-78.	1.1	6
3831	Comparison of automated brain volumetry methods with stereology in children aged 2 to 3 years. <i>Neuroradiology</i> , 2016, 58, 901-910.	1.1	14
3832	Temporo-parietal dysfunction in Tourette syndrome: Insights from an fMRI study of Theory of Mind. <i>Journal of Psychiatric Research</i> , 2016, 81, 102-111.	1.5	41
3833	STRUCTURAL AND FUNCTIONAL CONNECTIVITY IN POSTTRAUMATIC STRESS DISORDER: ASSOCIATIONS WITH FKBP5. <i>Depression and Anxiety</i> , 2016, 33, 300-307.	2.0	62
3834	Functional structure connectivity in patients with severe brain injury as measured by MRI-DWI and FDG-PET. <i>Human Brain Mapping</i> , 2016, 37, 3707-3720.	1.9	44
3835	Abnormal reward circuitry in anorexia nervosa: A longitudinal, multimodal MRI study. <i>Human Brain Mapping</i> , 2016, 37, 3835-3846.	1.9	89
3836	Investigating the Stability of Fine-Grain Digit Somatotopy in Individual Human Participants. <i>Journal of Neuroscience</i> , 2016, 36, 1113-1127.	1.7	102
3837	Neural correlates of mindful self-awareness in mindfulness meditators and meditation-naïve subjects revisited. <i>Biological Psychology</i> , 2016, 119, 21-30.	1.1	29
3838	Neural activation patterns of successful episodic encoding: Reorganization during childhood, maintenance in old age. <i>Developmental Cognitive Neuroscience</i> , 2016, 20, 59-69.	1.9	34
3839	Prospective longitudinal voxel-based morphometry study of major depressive disorder in young individuals at high familial risk. <i>Psychological Medicine</i> , 2016, 46, 2351-2361.	2.7	26
3840	Compensatory larger cortical thickness in healthy elderly individuals with electroencephalographic risk for cognitive decline. <i>NeuroReport</i> , 2016, 27, 710-715.	0.6	6
3841	Whole brain fiber-based comparison (FBC) A tool for diffusion tensor imaging-based cohort studies. <i>Human Brain Mapping</i> , 2016, 37, 477-490.	1.9	4
3842	White matter microstructure and impulsivity in methamphetamine dependence with and without a history of psychosis. <i>Human Brain Mapping</i> , 2016, 37, 2055-2067.	1.9	30
3843	LSD alters eyes-closed functional connectivity within the early visual cortex in a retinotopic fashion. <i>Human Brain Mapping</i> , 2016, 37, 3031-3040.	1.9	42
3844	Distinct white matter integrity in glutamic acid decarboxylase and voltage-gated potassium channel-complex antibody-associated limbic encephalitis. <i>Epilepsia</i> , 2016, 57, 475-483.	2.6	22
3845	Neural Mechanisms of Credit Assignment in a Multicue Environment. <i>Journal of Neuroscience</i> , 2016, 36, 1096-1112.	1.7	53

#	ARTICLE	IF	CITATIONS
3846	Diverging Progression of Network Disruption and Atrophy in Alzheimer's Disease and Semantic Dementia. <i>Journal of Alzheimer's Disease</i> , 2016, 55, 981-993.	1.2	9
3847	Utility of real-time prospective motion correction (PROMO) on 3D T1-weighted imaging in automated brain structure measurements. <i>Scientific Reports</i> , 2016, 6, 38366.	1.6	12
3848	Imaging analysis of Parkinson's disease patients using SPECT and tractography. <i>Scientific Reports</i> , 2016, 6, 38070.	1.6	22
3849	White Matter Volume Mediates the Relationship Between Self-Efficacy and Mobility in Older Women. <i>Experimental Aging Research</i> , 2016, 42, 460-470.	0.6	1
3850	Nucleus accumbens and caudate atrophy predicts longer action selection times in young and old adults. <i>Human Brain Mapping</i> , 2016, 37, 4629-4639.	1.9	22
3851	SREBF-2 polymorphism influences white matter microstructure in bipolar disorder. <i>Psychiatry Research - Neuroimaging</i> , 2016, 257, 39-46.	0.9	33
3852	Gender effects on smoking cue perception in non-smokers, smokers and ex-smokers. <i>European Neuropsychopharmacology</i> , 2016, 26, S703.	0.3	1
3853	Nonlocal atlas-guided multi-channel forest learning for human brain labeling. <i>Medical Physics</i> , 2016, 43, 1003-1019.	1.6	8
3854	Individual differences in reasoning and visuospatial attention are associated with prefrontal and parietal white matter tracts in healthy older adults. <i>Neuropsychology</i> , 2016, 30, 558-567.	1.0	10
3855	Multivariate autoregressive model constrained by anatomical connectivity to reconstruct focal sources. <i>NeuroImage</i> , 2016, 124, 4067-4070.		3
3856	Neural Univariate Activity and Multivariate Pattern in the Posterior Superior Temporal Sulcus Differentially Encode Facial Expression and Identity. <i>Scientific Reports</i> , 2016, 6, 23427.	1.6	7
3857	Surface Shape Morphometry for Hippocampal Modeling in Alzheimer's Disease. <i>NeuroImage</i> , 2016, 124, 1003-1019.		9
3858	Neuroimaging evidence of deficient axon myelination in Wolfram syndrome. <i>Scientific Reports</i> , 2016, 6, 21167.	1.6	28
3859	Olfactory identification and white matter integrity in amnesic mild cognitive impairment: A preliminary study. <i>International Journal of Imaging Systems and Technology</i> , 2016, 26, 270-276.	2.7	3
3860	The Brain's Structural Connectome Mediates the Relationship between Regional Neuroimaging Biomarkers in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2016, 55, 1639-1657.	1.2	18
3861	The Impact of Cognitive Training on Cerebral White Matter in Community-Dwelling Elderly: One-Year Prospective Longitudinal Diffusion Tensor Imaging Study. <i>Scientific Reports</i> , 2016, 6, 33212.	1.6	27
3862	Correlating early motor skills to white matter abnormalities in preterm infants using diffusion tensor imaging. <i>Journal of Pediatric Rehabilitation Medicine</i> , 2016, 9, 185-193.	0.3	10
3863	Comparison of Prefrontal Atrophy and Episodic Memory Performance in Dysexecutive Alzheimer's Disease and Behavioral-Variant Frontotemporal Dementia. <i>Journal of Alzheimer's Disease</i> , 2016, 51, 889-903.	1.2	32

#	ARTICLE	IF	CITATIONS
3864	Altered Superficial White Matter on Tractography MRI in Alzheimer's Disease. <i>Dementia and Geriatric Cognitive Disorders Extra</i> , 2016, 6, 233-241.	0.6	24
3865	Uncovering the Neural Bases of Cognitive and Affective Empathy Deficits in Alzheimer's Disease and the Behavioral Variant of Frontotemporal Dementia. <i>Journal of Alzheimer's Disease</i> , 2016, 53, 801-816.	1.2	125
3866	Awareness of Emotional Stimuli Determines the Behavioral Consequences of Amygdala Activation and Amygdala-Prefrontal Connectivity. <i>Scientific Reports</i> , 2016, 6, 25826.	1.6	48
3867	A case of musical anhedonia due to right putaminal hemorrhage: a disconnection syndrome between the auditory cortex and insula. <i>Neurocase</i> , 2016, 22, 518-525.	0.2	11
3868	Temporal pattern based classification of independent components in resting state fMRI. , 2016, , .		1
3869	A Longitudinal Study on Resting State Functional Connectivity in Behavioral Variant Frontotemporal Dementia and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2016, 55, 521-537.	1.2	48
3870	On the estimation of brain signal entropy from sparse neuroimaging data. <i>Scientific Reports</i> , 2016, 6, 23073.	1.6	35
3871	Development of semi-chronic microdrive system for large-scale circuit mapping in macaque mesolimbic and basal ganglia systems. , 2016, 2016, 5825-5828.		7
3872	Relationship between timed 25-foot walk and diffusion tensor imaging in multiple sclerosis. <i>Multiple Sclerosis Journal - Experimental, Translational and Clinical</i> , 2016, 2, 205521731665536.	0.5	7
3873	Distinct Reward Properties are Encoded via Corticostriatal Interactions. <i>Scientific Reports</i> , 2016, 6, 20093.	1.6	28
3874	Experience-dependent hippocampal pattern differentiation prevents interference during subsequent learning. <i>Nature Communications</i> , 2016, 7, 11066.	5.8	124
3875	Quantitative T2 mapping of white matter: applications for ageing and cognitive decline. <i>Physics in Medicine and Biology</i> , 2016, 61, 5587-5605.	1.6	29
3876	The Disconnection Hypothesis in Alzheimer's Disease Studied Through Multimodal Magnetic Resonance Imaging: Structural, Perfusion, and Diffusion Tensor Imaging. <i>Journal of Alzheimer's Disease</i> , 2016, 50, 1051-1064.	1.2	15
3877	Brain functional changes in first-degree relatives of patients with bipolar disorder: evidence for default mode network dysfunction. <i>Psychological Medicine</i> , 2016, 46, 2513-2521.	2.7	11
3878	Alcohol Consumption Does not Impede Recovery from Mild to Moderate Traumatic Brain Injury. <i>Journal of the International Neuropsychological Society</i> , 2016, 22, 816-827.	1.2	8
3879	Early grey matter changes in structural covariance networks in Huntington's disease. <i>NeuroImage: Clinical</i> , 2016, 12, 806-814.	1.4	42
3880	Disrupted functional connectivity affects resting state based language lateralization. <i>NeuroImage: Clinical</i> , 2016, 12, 910-927.	1.4	14
3881	Differences in Gaussian diffusion tensor imaging and non-Gaussian diffusion kurtosis imaging model-based estimates of diffusion tensor invariants in the human brain. <i>Medical Physics</i> , 2016, 43, 2464-2475.	1.6	36

#	ARTICLE	IF	CITATIONS
3882	Interstitial de novo 18q22.3q23 deletion: clinical, neuroradiological and molecular characterization of a new case and review of the literature. <i>Molecular Cytogenetics</i> , 2016, 9, 78.	0.4	8
3883	Deep learning-based pipeline to recognize Alzheimer's disease using fMRI data. , 2016, , .		87
3884	Functional Connectome before and following Temporal Lobectomy in Mesial Temporal Lobe Epilepsy. <i>Scientific Reports</i> , 2016, 6, 23153.	1.6	38
3885	How the heart speaks to the brain: neural activity during cardiorespiratory interoceptive stimulation. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20160017.	1.8	55
3886	Big data application in functional magnetic resonance imaging using apache spark. , 2016, , .		13
3887	Differential effect of age on posterior and anterior hippocampal functional connectivity. <i>NeuroImage</i> , 2016, 133, 468-476.	2.1	72
3888	Intrinsic Brain Connectivity Following Long-Term Treatment with Methylphenidate in Children with Attention-Deficit/Hyperactivity Disorder. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2016, 26, 555-561.	0.7	13
3889	Segmentation of longitudinal brain MR images using bias correction embedded fuzzy c-means with non-locally spatio-temporal regularization. <i>Journal of Visual Communication and Image Representation</i> , 2016, 38, 517-529.	1.7	20
3890	White Matter Lesions, Carotid and Coronary Atherosclerosis in Late-Onset Depression and Healthy Controls. <i>Psychosomatics</i> , 2016, 57, 369-377.	2.5	13
3891	Spontaneous physiological variability modulates dynamic functional connectivity in resting-state functional magnetic resonance imaging. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016, 374, 20150183.	1.6	41
3892	An exploration of diffusion tensor eigenvector variability within human calf muscles. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 43, 190-202.	1.9	10
3893	Vulnerability of white matter to insult during childhood: evidence from patients treated for medulloblastoma. <i>Journal of Neurosurgery: Pediatrics</i> , 2016, 18, 29-40.	0.8	25
3894	Combat-related Mild Traumatic Brain Injury: Association between Baseline Diffusion-Tensor Imaging Findings and Long-term Outcomes. <i>Radiology</i> , 2016, 280, 212-219.	3.6	11
3895	Increased functional connectivity between cortical hand areas and praxis network associated with training-related improvements in non-dominant hand precision drawing. <i>Neuropsychologia</i> , 2016, 87, 157-168.	0.7	33
3896	Reduced white matter integrity in amateur boxers. <i>Neuroradiology</i> , 2016, 58, 911-920.	1.1	18
3897	Exploring the role of the posterior middle temporal gyrus in semantic cognition: Integration of anterior temporal lobe with executive processes. <i>NeuroImage</i> , 2016, 137, 165-177.	2.1	290
3898	Lenticulostriate arterial distribution pathology may underlie pediatric anoxic brain injury in drowning. <i>NeuroImage: Clinical</i> , 2016, 11, 167-172.	1.4	6
3899	Machine learning and dyslexia: Classification of individual structural neuro-imaging scans of students with and without dyslexia. <i>NeuroImage: Clinical</i> , 2016, 11, 508-514.	1.4	50

#	ARTICLE	IF	CITATIONS
3900	Neuroimaging Biomarkers of a History of Concussion Observed in Asymptomatic Young Athletes. <i>Journal of Neurotrauma</i> , 2016, 33, 803-810.	1.7	41
3901	Encoding of Touch Intensity But Not Pleasantness in Human Primary Somatosensory Cortex. <i>Journal of Neuroscience</i> , 2016, 36, 5850-5860.	1.7	82
3902	Length matters: Improved high field EEG-fMRI recordings using shorter EEG cables. <i>Journal of Neuroscience Methods</i> , 2016, 269, 74-87.	1.3	12
3903	Quantifying visual pathway axonal and myelin loss in multiple sclerosis and neuromyelitis optica. <i>NeuroImage: Clinical</i> , 2016, 11, 743-750.	1.4	34
3904	Diffusion Tensor Imaging with Deterministic Error Bounds. <i>Journal of Mathematical Imaging and Vision</i> , 2016, 56, 137-157.	0.8	1
3905	Interferon- γ acutely impairs whole-brain functional connectivity network architecture – A preliminary study. <i>Brain, Behavior, and Immunity</i> , 2016, 58, 31-39.	2.0	42
3906	Three-year changes in leisure activities are associated with concurrent changes in white matter microstructure and perceptual speed in individuals aged 80 years and older. <i>Neurobiology of Aging</i> , 2016, 41, 173-186.	1.5	52
3907	Dance and music training have different effects on white matter diffusivity in sensorimotor pathways. <i>NeuroImage</i> , 2016, 135, 273-286.	2.1	56
3908	A ^{13}C -complex of brain metabolites distinguish altered chemistry in the cingulate cortex of episodic migraine patients. <i>NeuroImage: Clinical</i> , 2016, 11, 588-594.	1.4	30
3909	Violating instructed human agency: An fMRI study on ocular tracking of biological and nonbiological motion stimuli. <i>NeuroImage</i> , 2016, 138, 109-122.	2.1	3
3910	Increased fractional anisotropy in cerebellum in obsessive-compulsive disorder. <i>Acta Neuropsychiatrica</i> , 2016, 28, 141-148.	1.0	16
3911	Paralimbic and lateral prefrontal encoding of reward value during intertemporal choice in attempted suicide. <i>Psychological Medicine</i> , 2016, 46, 381-391.	2.7	70
3912	Early life stress and the anxious brain: evidence for a neural mechanism linking childhood emotional maltreatment to anxiety in adulthood. <i>Psychological Medicine</i> , 2016, 46, 1037-1054.	2.7	66
3913	Injury of the Ascending Reticular Activating System in Patients With Fatigue and Hypersomnia Following Mild Traumatic Brain Injury. <i>Medicine (United States)</i> , 2016, 95, e2628.	0.4	29
3914	Reproducibility and variability of quantitative magnetic resonance imaging markers in cerebral small vessel disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 1319-1337.	2.4	80
3915	Neural circuits underlying mother's voice perception predict social communication abilities in children. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 6295-6300.	3.3	47
3916	The COMT Val158Met polymorphism moderates the association between cognitive functions and white matter microstructure in schizophrenia. <i>Psychiatric Genetics</i> , 2016, 26, 193-202.	0.6	10
3917	Cognitive and anatomical data in a healthy cohort of adults. <i>Data in Brief</i> , 2016, 7, 1221-1227.	0.5	1

#	ARTICLE	IF	CITATIONS
3918	Relationship of white and gray matter abnormalities to clinical and genetic features in myotonic dystrophy type 1. <i>NeuroImage: Clinical</i> , 2016, 11, 678-685.	1.4	55
3919	Correction for diffusion MRI fibre tracking biases: The consequences for structural connectomic metrics. <i>NeuroImage</i> , 2016, 142, 150-162.	2.1	65
3920	White matter microstructural changes in adolescent anorexia nervosa including an exploratory longitudinal study. <i>NeuroImage: Clinical</i> , 2016, 11, 614-621.	1.4	45
3921	Whole-brain analytic measures of network communication reveal increased structure-function correlation in right temporal lobe epilepsy. <i>NeuroImage: Clinical</i> , 2016, 11, 707-718.	1.4	60
3922	Effects of acute aerobic exercise on neural correlates of attention and inhibition in adolescents with bipolar disorder. <i>Translational Psychiatry</i> , 2016, 6, e814-e814.	2.4	40
3923	Spin echo transverse relaxation and atrophy in multiple sclerosis deep gray matter: A two-year longitudinal study. <i>Multiple Sclerosis Journal</i> , 2016, 22, 1133-1143.	1.4	15
3924	Head circumference as a useful surrogate for intracranial volume in older adults. <i>International Psychogeriatrics</i> , 2016, 28, 157-162.	0.6	18
3925	Variation in White Matter Connectivity Predicts the Ability to Remember Faces and Discriminate Their Emotions. <i>Journal of the International Neuropsychological Society</i> , 2016, 22, 180-190.	1.2	50
3926	Brain aerobic glycolysis and motor adaptation learning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E3782-91.	3.3	62
3927	Effects of the pattern of glucocorticoid replacement on neural processing, emotional reactivity and well-being in healthy male individuals: study protocol for a randomised controlled trial. <i>Trials</i> , 2016, 17, 44.	0.7	10
3928	Quantitative comparisons on hand motor functional areas determined by resting state and task BOLD fMRI and anatomical MRI for pre-surgical planning of patients with brain tumors. <i>NeuroImage: Clinical</i> , 2016, 11, 378-387.	1.4	23
3929	Learning and Recognition of a Non-conscious Sequence of Events in Human Primary Visual Cortex. <i>Current Biology</i> , 2016, 26, 834-841.	1.8	62
3930	Combining anatomical, diffusion, and resting state functional magnetic resonance imaging for individual classification of mild and moderate Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2016, 11, 46-51.	1.4	98
3931	Changes and variability of proton density and T1 relaxation times in early multiple sclerosis: MRI markers of neuronal damage in the cerebral cortex. <i>European Radiology</i> , 2016, 26, 2578-2586.	2.3	42
3932	Neurobehavioral evidence for individual differences in canine cognitive control: an awake fMRI study. <i>Animal Cognition</i> , 2016, 19, 867-878.	0.9	23
3933	Sensory migraine aura is not associated with structural grey matter abnormalities. <i>NeuroImage: Clinical</i> , 2016, 11, 322-327.	1.4	42
3934	Resting state connectivity and cognitive performance in adults with cerebral autosomal-dominant arteriopathy with subcortical infarcts and leukoencephalopathy. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 981-991.	2.4	10
3935	Features and Determinants of Lacune Shape. <i>Stroke</i> , 2016, 47, 1258-1264.	1.0	11

#	ARTICLE	IF	CITATIONS
3936	New Clinically Feasible 3T MRI Protocol to Discriminate Internal Brain Stem Anatomy. American Journal of Neuroradiology, 2016, 37, 1058-1065.	1.2	21
3937	Restoring cortical control of functional movement in a human with quadriplegia. Nature, 2016, 533, 247-250.	13.7	723
3938	Degeneration of an injured spinothalamic tract in a patient with mild traumatic brain injury. Brain Injury, 2016, 30, 1026-1028.	0.6	18
3939	Reduced Frontoparietal Activity in Schizophrenia Is Linked to a Specific Deficit in Goal Maintenance: A Multisite Functional Imaging Study. Schizophrenia Bulletin, 2016, 42, 1149-1157.	2.3	49
3940	Fundamentally Distributed Information Processing Integrates the Motor Network into the Mental Workspace during Mental Rotation. Journal of Cognitive Neuroscience, 2016, 28, 1139-1151.	1.1	1
3941	Longitudinal Diffusion Tensor Imaging Detects Recovery of Fractional Anisotropy Within Traumatic Axonal Injury Lesions. Neurocritical Care, 2016, 24, 342-352.	1.2	14
3942	Structural Organization of the Laryngeal Motor Cortical Network and Its Implication for Evolution of Speech Production. Journal of Neuroscience, 2016, 36, 4170-4181.	1.7	78
3943	MEG Coherence and DTI Connectivity in mTLE. Brain Topography, 2016, 29, 598-622.	0.8	24
3944	Myo-inositol changes precede amyloid pathology and relate to <i>APOE</i> genotype in Alzheimer disease. Neurology, 2016, 86, 1754-1761.	1.5	66
3945	Neuroanatomical correlates of verbal fluency in early Alzheimer's disease and normal aging. Brain and Language, 2016, 155-156, 24-35.	0.8	45
3946	The occipital place area represents the local elements of scenes. NeuroImage, 2016, 132, 417-424.	2.1	88
3947	Cerebral Microbleeds and Lacunar Infarcts Are Associated with Walking Speed Independent of Cognitive Performance in Middle-Aged to Older Adults. Gerontology, 2016, 62, 500-507.	1.4	20
3948	Liver Fat Assessed With CT Relates to MRI Markers of Incipient Brain Injury in Middle-Aged to Elderly Overweight Persons. American Journal of Roentgenology, 2016, 206, 1087-1092.	1.0	7
3949	Using Structural and Functional Brain Imaging to Investigate Responses to Acute Thermal Pain. Journal of Pain, 2016, 17, 836-844.	0.7	9
3950	Abnormal frontostriatal connectivity in adolescent-onset schizophrenia and its relationship to cognitive functioning. European Psychiatry, 2016, 35, 32-38.	0.1	37
3951	Linking pattern completion in the hippocampus to predictive coding in visual cortex. Nature Neuroscience, 2016, 19, 665-667.	7.1	196
3952	Symmetrical Location Characteristics of Corticospinal Tract Associated With Hand Movement in the Human Brain. Medicine (United States), 2016, 95, e3317.	0.4	5
3953	Functional connectivity of the left and right hippocampi: Evidence for functional lateralization along the long-axis using meta-analytic approaches and ultra-high field functional neuroimaging. NeuroImage, 2016, 135, 64-78.	2.1	43

#	ARTICLE	IF	CITATIONS
3954	Tractography at 3T MRI of Corpus Callosum Tracts Crossing White Matter Hyperintensities. <i>American Journal of Neuroradiology</i> , 2016, 37, 1617-1622.	1.2	22
3955	Quantification of normal-appearing white matter tract integrity in multiple sclerosis: a diffusion kurtosis imaging study. <i>Journal of Neurology</i> , 2016, 263, 1146-1155.	1.8	116
3956	Different Brain Circuitries Mediating Controllable and Uncontrollable Pain. <i>Journal of Neuroscience</i> , 2016, 36, 5013-5025.	1.7	99
3957	The traveling heads: multicenter brain imaging at 7 Tesla. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2016, 29, 399-415.	1.1	26
3958	Exploratory study of the effect of brain tumors on the default mode network. <i>Journal of Neuro-Oncology</i> , 2016, 128, 437-444.	1.4	37
3959	Concurrent white and gray matter degeneration of disease-specific networks in early-stage Alzheimer's disease and behavioral variant frontotemporal dementia. <i>Neurobiology of Aging</i> , 2016, 43, 119-128.	1.5	16
3960	The "Pain Matrix" in Pain-Free Individuals. <i>JAMA Neurology</i> , 2016, 73, 755.	4.5	122
3961	Enhanced default mode network connectivity with ventral striatum in subthreshold depression individuals. <i>Journal of Psychiatric Research</i> , 2016, 76, 111-120.	1.5	62
3962	Abnormalities in Diffusional Kurtosis Metrics Related to Head Impact Exposure in a Season of High School Varsity Football. <i>Journal of Neurotrauma</i> , 2016, 33, 2133-2146.	1.7	67
3963	Altered white matter integrity and functional connectivity of hyperacute-stage cerebral ischemia in a rat model. <i>Magnetic Resonance Imaging</i> , 2016, 34, 1189-1198.	1.0	15
3964	Aberrant functional connectivity differentiates retrosplenial cortex from posterior cingulate cortex in prodromal Alzheimer's disease. <i>Neurobiology of Aging</i> , 2016, 44, 114-126.	1.5	63
3965	Low dose intranasal oxytocin delivered with Breath Powered device dampens amygdala response to emotional stimuli: A peripheral effect-controlled within-subjects randomized dose-response fMRI trial. <i>Psychoneuroendocrinology</i> , 2016, 69, 180-188.	1.3	90
3966	Reconfiguration of brain network architecture to support executive control in aging. <i>Neurobiology of Aging</i> , 2016, 44, 42-52.	1.5	65
3967	Large-scale Granger causality analysis on resting-state functional MRI. <i>Proceedings of SPIE</i> , 2016, 9788, .	0.8	3
3968	How concepts are encoded in the human brain: A modality independent, category-based cortical organization of semantic knowledge. <i>NeuroImage</i> , 2016, 135, 232-242.	2.1	50
3969	Tonal frequency affects amplitude but not topography of rhesus monkey cranial EEG components. <i>Hearing Research</i> , 2016, 336, 29-43.	0.9	22
3970	Change of the Corticospinal Tract in the Unaffected Hemisphere by Change of the Dominant Hand Following Stroke. <i>Medicine (United States)</i> , 2016, 95, e2620.	0.4	11
3971	Variability in paralimbic dopamine signaling correlates with subjective responses to d-amphetamine. <i>Neuropharmacology</i> , 2016, 108, 394-402.	2.0	17

#	ARTICLE	IF	CITATIONS
3972	q-Space Deep Learning: Twelve-Fold Shorter and Model-Free Diffusion MRI Scans. <i>IEEE Transactions on Medical Imaging</i> , 2016, 35, 1344-1351.	5.4	213
3973	Neural adaptation in pSTS correlates with perceptual aftereffects to biological motion and with autistic traits. <i>NeuroImage</i> , 2016, 136, 149-161.	2.1	25
3974	Migraine with aura and risk of silent brain infarcts and white matter hyperintensities: an MRI study. <i>Brain</i> , 2016, 139, 2015-2023.	3.7	74
3975	Low Response of Renin-Angiotensin System to Sodium Intake Intervention in Chinese Hypertensive Patients. <i>Medicine (United States)</i> , 2016, 95, e2602.	0.4	6
3976	The White Matter Microintegrity Alterations of Neocortical and Limbic Association Fibers in Major Depressive Disorder and Panic Disorder. <i>Medicine (United States)</i> , 2016, 95, e2982.	0.4	24
3977	A robust method for suppressing motion-induced coil sensitivity variations during prospective correction of head motion in fMRI. <i>Magnetic Resonance Imaging</i> , 2016, 34, 1206-1219.	1.0	22
3978	Marker-based ballistocardiographic artifact correction improves spike identification in EEG-fMRI of focal epilepsy patients. <i>Clinical Neurophysiology</i> , 2016, 127, 2802-2811.	0.7	7
3979	Neurofilament light chain level is a weak risk factor for the development of MS. <i>Neurology</i> , 2016, 87, 1076-1084.	1.5	85
3980	Impaired Frontal-Limbic White Matter Maturation in Children at Risk for Major Depression. <i>Cerebral Cortex</i> , 2017, 27, 4478-4491.	1.6	16
3981	Grey matter density decreases as well as increases in patients with classic galactosemia: A voxel-based morphometry study. <i>Brain Research</i> , 2016, 1648, 339-344.	1.1	11
3982	Structural connectivity profile of scans without evidence of dopaminergic deficit (SWEDD) patients compared to normal controls and Parkinson's disease patients. <i>SpringerPlus</i> , 2016, 5, 1421.	1.2	11
3983	Comparison of cerebral blood flow and structural penumbras in relation to white matter hyperintensities: A multi-modal magnetic resonance imaging study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 1528-1536.	2.4	62
3984	Human Cerebellar Sub-millimeter Diffusion Imaging Reveals the Motor and Non-motor Topography of the Dentate Nucleus. <i>Cerebral Cortex</i> , 2017, 27, 4537-4548.	1.6	48
3985	Abdomen and spinal cord segmentation with augmented active shape models. <i>Journal of Medical Imaging</i> , 2016, 3, 036002.	0.8	5
3986	Intrinsic Functional Connectivity in Preterm Infants with Fetal Growth Restriction Evaluated at 12 Months Corrected Age. <i>Cerebral Cortex</i> , 2016, 27, 4750-4758.	1.6	15
3987	Low SNR in Diffusion MRI Models. <i>Journal of the American Statistical Association</i> , 2016, 111, 1480-1490.	1.8	13
3988	Application of diffusional kurtosis imaging to detect occult brain damage in multiple sclerosis and neuromyelitis optica. <i>NMR in Biomedicine</i> , 2016, 29, 1536-1545.	1.6	19
3989	Fine-mapping the effects of Alzheimer's disease risk loci on brain morphology. <i>Neurobiology of Aging</i> , 2016, 48, 204-211.	1.5	31

#	ARTICLE	IF	CITATIONS
3990	Predicting early signs of dyslexia at a preliterate age by combining behavioral assessment with structural MRI. <i>NeuroImage</i> , 2016, 143, 378-386.	2.1	41
3991	DiffusionKit: A light one-stop solution for diffusion MRI data analysis. <i>Journal of Neuroscience Methods</i> , 2016, 273, 107-119.	1.3	51
3993	Craving versus control: Negative urgency and neural correlates of alcohol cue reactivity. <i>Drug and Alcohol Dependence</i> , 2016, 163, S25-S28.	1.6	28
3994	Voxel-based morphometry in epileptic baboons: Parallels to human juvenile myoclonic epilepsy. <i>Epilepsy Research</i> , 2016, 124, 34-39.	0.8	7
3995	Decreased anticipated pleasure correlates with increased salience network resting state functional connectivity in adolescents with depressive symptomatology. <i>Journal of Psychiatric Research</i> , 2016, 82, 40-47.	1.5	35
3996	Cerebral white matter structure is associated with DSM-5 schizophrenia symptom dimensions. <i>NeuroImage: Clinical</i> , 2016, 12, 93-99.	1.4	38
3997	Cerebral blood flow in presymptomatic MAPT and GRN mutation carriers: A longitudinal arterial spin labeling study. <i>NeuroImage: Clinical</i> , 2016, 12, 460-465.	1.4	46
3998	Interhemispheric connectivity in amyotrophic lateral sclerosis: A near-infrared spectroscopy and diffusion tensor imaging study. <i>NeuroImage: Clinical</i> , 2016, 12, 666-672.	1.4	11
3999	The structural connectivity pathology of first-episode schizophrenia based on the cardinal symptom of auditory verbal hallucinations. <i>Psychiatry Research - Neuroimaging</i> , 2016, 257, 25-30.	0.9	17
4000	Diffusion tensor imaging predicts cognitive function change following partial brain radiotherapy for low-grade and benign tumors. <i>Radiotherapy and Oncology</i> , 2016, 120, 234-240.	0.3	78
4001	Slow gait, white matter characteristics, and prior 10-year interleukin-6 levels in older adults. <i>Neurology</i> , 2016, 87, 1993-1999.	1.5	16
4002	Bidirectional Changes in Anisotropy Are Associated with Outcomes in Mild Traumatic Brain Injury. <i>American Journal of Neuroradiology</i> , 2016, 37, 1983-1991.	1.2	21
4003	Glutamate concentrations vary with antiepileptic drug use and mental slowing. <i>Epilepsy and Behavior</i> , 2016, 64, 200-205.	0.9	9
4004	Neural correlates of text-based emoticons: a preliminary fMRI study. <i>Brain and Behavior</i> , 2016, 6, e00500.	1.0	13
4005	Corpus callosum microstructural changes associated with Kawashima Nintendo Brain Training in patients with multiple sclerosis. <i>Journal of the Neurological Sciences</i> , 2016, 370, 211-213.	0.3	13
4006	Functional activity and white matter microstructure reveal the independent effects of age of acquisition and proficiency on second-language learning. <i>NeuroImage</i> , 2016, 143, 15-25.	2.1	70
4007	Assessing Variations in Areal Organization for the Intrinsic Brain: From Fingerprints to Reliability. <i>Cerebral Cortex</i> , 2016, 26, 4192-4211.	1.6	82
4008	Neural Population Decoding Reveals the Intrinsic Positivity of the Self. <i>Cerebral Cortex</i> , 2017, 27, 5222-5229.	1.6	40

#	ARTICLE	IF	CITATIONS
4009	Brain Atlases: Their Development and Role in Functional Inference. <i>NeuroMethods</i> , 2016, , 265-281.	0.2	0
4010	White matter and information processing speed following treatment with cranial-spinal radiation for pediatric brain tumor.. <i>Neuropsychology</i> , 2016, 30, 425-438.	1.0	42
4011	Shape alterations of basal ganglia and thalamus in xenomelia. <i>NeuroImage: Clinical</i> , 2016, 11, 760-769.	1.4	20
4012	As tears go by: Baby tears trigger more brain activity than adult tears in nulliparous women. <i>Social Neuroscience</i> , 2017, 12, 1-4.	0.7	11
4013	Reduced Hemispheric Asymmetry of White Matter Microstructure in Autism Spectrum Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2016, 55, 1073-1080.	0.3	46
4014	Bayesian model reveals latent atrophy factors with dissociable cognitive trajectories in Alzheimer's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E6535-E6544.	3.3	137
4015	White Matter Microstructure Improves Stroke Risk Prediction in the General Population. <i>Stroke</i> , 2016, 47, 2756-2762.	1.0	20
4016	White matter disruptions in male cocaine polysubstance users: Associations with severity of drug use and duration of abstinence. <i>Drug and Alcohol Dependence</i> , 2016, 168, 247-254.	1.6	21
4017	Cross-modal searchlight classification: methodological challenges and recommended solutions. , 2016, , .		4
4018	Altered local spontaneous activity in frontal lobe epilepsy: a resting-state functional magnetic resonance imaging study. <i>Brain and Behavior</i> , 2016, 6, e00555.	1.0	12
4019	A general benevolence dimension that links neural, psychological, economic, and life-span data on altruistic tendencies.. <i>Journal of Experimental Psychology: General</i> , 2016, 145, 1351-1358.	1.5	100
4020	Functional Connectivity of the Dorsal Attention Network Predicts Selective Attention in 4-7 year-old Girls. <i>Cerebral Cortex</i> , 2017, 27, 4350-4360.	1.6	37
4021	Diffusion Tensor Imaging (DTI) and Tractography. <i>Studies in Neuroscience, Psychology and Behavioral Economics</i> , 2016, , 411-442.	0.1	2
4022	Long-Term High-Effort Endurance Exercise in Older Adults: Diminishing Returns for Cognitive and Brain Aging. <i>Journal of Aging and Physical Activity</i> , 2016, 24, 659-675.	0.5	9
4023	Restricted vs. unrestricted wheel running in mice: Effects on brain, behavior and endocannabinoids. <i>Hormones and Behavior</i> , 2016, 86, 45-54.	1.0	13
4024	High avidity HSV-1 antibodies correlate with absence of amnesic Mild Cognitive Impairment conversion to Alzheimer's disease. <i>Brain, Behavior, and Immunity</i> , 2016, 58, 254-260.	2.0	42
4025	White matter abnormalities in patients with temporal lobe epilepsy and amygdala enlargement: Comparison with hippocampal sclerosis and healthy subjects. <i>Epilepsy Research</i> , 2016, 127, 221-228.	0.8	11
4026	Where does TMS Stimulate the Motor Cortex? Combining Electrophysiological Measurements and Realistic Field Estimates to Reveal the Affected Cortex Position. <i>Cerebral Cortex</i> , 2017, 27, 5083-5094.	1.6	110

#	ARTICLE	IF	CITATIONS
4027	Decreased functional connectivity to posterior cingulate cortex in major depressive disorder. <i>Psychiatry Research - Neuroimaging</i> , 2016, 255, 15-23.	0.9	38
4028	Natural variation in sensory-motor white matter organization influences manifestations of Huntington's disease. <i>Human Brain Mapping</i> , 2016, 37, 4615-4628.	1.9	18
4029	Down but not out in posterior cingulate cortex: Deactivation yet functional coupling with prefrontal cortex during demanding semantic cognition. <i>NeuroImage</i> , 2016, 141, 366-377.	2.1	90
4030	Recreational marijuana use impacts white matter integrity and subcortical (but not cortical) morphometry. <i>NeuroImage: Clinical</i> , 2016, 12, 47-56.	1.4	61
4031	Connectivity of the anterior insula differentiates participants with first-episode schizophrenia spectrum disorders from controls: a machine-learning study. <i>Psychological Medicine</i> , 2016, 46, 2695-2704.	2.7	57
4032	Making use of longitudinal information in pattern recognition. <i>Human Brain Mapping</i> , 2016, 37, 4385-4404.	1.9	5
4033	Knowledge Acquisition during Exam Preparation Improves Memory and Modulates Memory Formation. <i>Journal of Neuroscience</i> , 2016, 36, 8103-8111.	1.7	40
4034	Individual differences in white matter microstructure predict semantic control. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2016, 16, 1003-1016.	1.0	27
4035	Neuroimaging of the bilingual brain: Structural brain correlates of listening and speaking in a second language. <i>Brain and Language</i> , 2016, 162, 1-9.	0.8	74
4036	Neural representations of magnitude for natural and rational numbers. <i>NeuroImage</i> , 2016, 141, 304-312.	2.1	22
4037	Sustained anterior cingulate cortex activation during reward processing predicts response to psychotherapy in major depressive disorder. <i>Journal of Affective Disorders</i> , 2016, 203, 204-212.	2.0	88
4038	Early changes of brain connectivity in primary open angle glaucoma. <i>Human Brain Mapping</i> , 2016, 37, 4581-4596.	1.9	76
4040	HIV Distal Neuropathic Pain Is Associated with Smaller Ventral Posterior Cingulate Cortex. <i>Pain Medicine</i> , 2017, 18, pnw180.	0.9	17
4041	Effects of ankyrin 3 gene risk variants on brain structures in patients with bipolar disorder and healthy subjects. <i>Psychiatry and Clinical Neurosciences</i> , 2016, 70, 498-506.	1.0	33
4042	An MRI study of white matter tract integrity in regular cannabis users: effects of cannabis use and age. <i>Psychopharmacology</i> , 2016, 233, 3627-3637.	1.5	37
4043	A Novel Imaging Marker for Small Vessel Disease Based on Skeletonization of White Matter Tracts and Diffusion Histograms. <i>Annals of Neurology</i> , 2016, 80, 581-592.	2.8	250
4044	Detecting default mode networks in utero by integrated 4D fMRI reconstruction and analysis. <i>Human Brain Mapping</i> , 2016, 37, 4158-4178.	1.9	21
4045	Multimodal MRI reveals structural connectivity differences in 22q11 deletion syndrome related to impaired spatial working memory. <i>Human Brain Mapping</i> , 2016, 37, 4689-4705.	1.9	8

#	ARTICLE	IF	CITATIONS
4046	Quantifying patterns of brain activity: Distinguishing unaffected siblings from participants with ADHD and healthy individuals. <i>NeuroImage: Clinical</i> , 2016, 12, 227-233.	1.4	16
4047	Illusory conjunctions in visual short-term memory: Individual differences in corpus callosum connectivity and splitting attention between the two hemifields. <i>Psychophysiology</i> , 2016, 53, 1639-1650.	1.2	6
4048	Catecholaminergic Neuromodulation Shapes Intrinsic MRI Functional Connectivity in the Human Brain. <i>Journal of Neuroscience</i> , 2016, 36, 7865-7876.	1.7	75
4049	Video gaming in school children: How much is enough?. <i>Annals of Neurology</i> , 2016, 80, 424-433.	2.8	40
4050	Brain Activity and Functional Connectivity Associated with Hypnosis. <i>Cerebral Cortex</i> , 2017, 27, 4083-4093.	1.6	98
4051	Abnormal Brain Dynamics Underlie Speech Production in Children with Autism Spectrum Disorder. <i>Autism Research</i> , 2016, 9, 249-261.	2.1	12
4052	Fully automated open-source lesion mapping of T2-FLAIR images with FSL correlates with clinical disability in MS. <i>Brain and Behavior</i> , 2016, 6, e00440.	1.0	11
4053	Airborne copper exposure in school environments associated with poorer motor performance and altered basal ganglia. <i>Brain and Behavior</i> , 2016, 6, e00467.	1.0	51
4054	Structural network connectivity and cognition in cerebral small vessel disease. <i>Human Brain Mapping</i> , 2016, 37, 300-310.	1.9	122
4055	Functional connectivity and information flow of the respiratory neural network in chronic obstructive pulmonary disease. <i>Human Brain Mapping</i> , 2016, 37, 2736-2754.	1.9	39
4056	Volumetric and fiber-tracing MRI methods for gray and white matter. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2016, 135, 39-60.	1.0	13
4057	Functional magnetic resonance imaging. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2016, 135, 61-92.	1.0	46
4058	Rapid and reliable tract-based spatial statistics pipeline for diffusion tensor imaging in the neonatal brain: Applications to the white matter development and lesions. <i>Magnetic Resonance Imaging</i> , 2016, 34, 1314-1321.	1.0	17
4059	Brain structural changes in schizoaffective disorder compared to schizophrenia and bipolar disorder. <i>Acta Psychiatrica Scandinavica</i> , 2016, 133, 23-33.	2.2	57
4060	White matter integrity in young smokers: a tract-based spatial statistics study. <i>Addiction Biology</i> , 2016, 21, 679-687.	1.4	53
4061	Neurobiological, Neuroimaging, and Neuropsychological Studies of Children and Adolescents with Disruptive Behavior Disorders. <i>Family Relations</i> , 2016, 65, 134-150.	1.1	11
4062	Whole Brain Volume Measured from 1.5T versus 3T MRI in Healthy Subjects and Patients with Multiple Sclerosis. <i>Journal of Neuroimaging</i> , 2016, 26, 62-67.	1.0	48
4063	Associations between polygenic risk for schizophrenia and brain function during probabilistic learning in healthy individuals. <i>Human Brain Mapping</i> , 2016, 37, 491-500.	1.9	27

#	ARTICLE	IF	CITATIONS
4064	A 32-channel combined RF and B_0 shim array for 3T brain imaging. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 441-451.	1.9	106
4065	High-resolution mapping of neuronal activation with balanced SSFP at 9.4 tesla. <i>Magnetic Resonance in Medicine</i> , 2016, 76, 163-171.	1.9	29
4066	Accelerating functional MRI using fixed-rank approximations and radial Cartesian sampling. <i>Magnetic Resonance in Medicine</i> , 2016, 76, 1825-1836.	1.9	29
4067	Impact of Apolipoprotein E4 Polymorphism on the Gray Matter Volume and the White Matter Integrity in Subjective Memory Impairment without White Matter Hyperintensities: Voxel-Based Morphometry and Tract-Based Spatial Statistics Study under 3-Tesla MRI. <i>Journal of Neuroimaging</i> , 2016, 26, 144-149.	1.0	21
4068	A New MRI Masking Technique Based on Multi-Atlas Brain Segmentation in Controls and Schizophrenia: A Rapid and Viable Alternative to Manual Masking. <i>Journal of Neuroimaging</i> , 2016, 26, 28-36.	1.0	23
4069	White matter hyperintensities and cognitive reserve during a working memory task: a functional magnetic resonance imaging study in cognitively normal older adults. <i>Neurobiology of Aging</i> , 2016, 48, 23-33.	1.5	28
4070	Ataxia Severity Correlates with White Matter Degeneration in Spinocerebellar Ataxia Type 7. <i>American Journal of Neuroradiology</i> , 2016, 37, 2050-2054.	1.2	10
4071	High-resolution diffusion MRI at 7T using a three-dimensional multi-slab acquisition. <i>NeuroImage</i> , 2016, 143, 1-14.	2.1	55
4072	When BOLD is thicker than water: processing social information about kin and friends at different levels of the social network. <i>Social Cognitive and Affective Neuroscience</i> , 2016, 11, 1952-1960.	1.5	17
4073	High-resolution multi-parametric quantitative magnetic resonance imaging of the human cervical spinal cord at 7T. <i>NeuroImage</i> , 2016, 143, 58-69.	2.1	51
4074	Ketamine-induced changes in connectivity of functional brain networks in awake female nonhuman primates: a translational functional imaging model. <i>Psychopharmacology</i> , 2016, 233, 3673-3684.	1.5	39
4075	Intra- and interscanner variability of magnetic resonance imaging based volumetry in multiple sclerosis. <i>NeuroImage</i> , 2016, 142, 188-197.	2.1	81
4076	Transmodal Learning of Functional Networks for Alzheimer's Disease Prediction. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2016, 10, 1204-1213.	7.3	24
4077	Grey matter abnormalities in methcathinone abusers with a Parkinsonian syndrome. <i>Brain and Behavior</i> , 2016, 6, e00539.	1.0	9
4078	Differentiation of neurodegenerative parkinsonian syndromes by volumetric magnetic resonance imaging analysis and support vector machine classification. <i>Movement Disorders</i> , 2016, 31, 1506-1517.	2.2	120
4079	Temporal Evolution of Brain Functional Connectivity Metrics: Could 7 Min of Rest be Enough?. <i>Cerebral Cortex</i> , 2017, 27, 4153-4165.	1.6	46
4080	Combined DTI-fMRI Analysis for a Quantitative Assessment of Connections Between WM Bundles and Their Peripheral Cortical Fields in Verbal Fluency. <i>Brain Topography</i> , 2016, 29, 814-823.	0.8	6
4081	TALen-based generation of a cynomolgus monkey disease model for human microcephaly. <i>Cell Research</i> , 2016, 26, 1048-1061.	5.7	36

#	ARTICLE	IF	CITATIONS
4082	Multimodal assessment of hemispheric lateralization for language and its relevance for behavior. <i>NeuroImage</i> , 2016, 142, 351-370.	2.1	23
4083	Emotional prosody processing in Autism Spectrum Disorder. <i>Social Cognitive and Affective Neuroscience</i> , 2017, 12, nsw118.	1.5	35
4084	Cerebellar Development in Preterm Infants at Term-Equivalent Age Is Impaired after Low-Grade Intraventricular Hemorrhage. <i>Journal of Pediatrics</i> , 2016, 175, 86-92.e2.	0.9	31
4085	Denosing of diffusion MRI using random matrix theory. <i>NeuroImage</i> , 2016, 142, 394-406.	2.1	1,208
4086	The Left, The Better: White-Matter Brain Integrity Predicts Foreign Language Imitation Ability. <i>Cerebral Cortex</i> , 2017, 27, 3906-3917.	1.6	26
4087	Brain volume loss contributes to arousal and empathy dysregulation following severe traumatic brain injury. <i>NeuroImage: Clinical</i> , 2016, 12, 607-614.	1.4	18
4088	White matter microstructure alterations in primary dysmenorrhea assessed by diffusion tensor imaging. <i>Scientific Reports</i> , 2016, 6, 25836.	1.6	14
4089	Characterization of Structural Connectivity of the Default Mode Network in Dogs using Diffusion Tensor Imaging. <i>Scientific Reports</i> , 2016, 6, 36851.	1.6	17
4090	DTI microstructural abnormalities in adolescent siblings of patients with childhood-onset schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2016, 258, 23-29.	0.9	3
4091	Increased resting state connectivity between ipsilesional motor cortex and contralesional premotor cortex after transcranial direct current stimulation with physical therapy. <i>Scientific Reports</i> , 2016, 6, 23271.	1.6	25
4092	Experience-Driven Differences in Childhood Cortisol Predict Affect-Relevant Brain Function and Coping in Adolescent Monozygotic Twins. <i>Scientific Reports</i> , 2016, 6, 37081.	1.6	11
4093	Neocortical grey matter distribution underlying voluntary, flexible vocalizations in chimpanzees. <i>Scientific Reports</i> , 2016, 6, 34733.	1.6	17
4094	Characterizing Focused-Ultrasound Mediated Drug Delivery to the Heterogeneous Primate Brain In Vivo with Acoustic Monitoring. <i>Scientific Reports</i> , 2016, 6, 37094.	1.6	52
4095	Age-related differences in brain network activation and coactivation during multiple object tracking. <i>Brain and Behavior</i> , 2016, 6, e00533.	1.0	32
4096	Association between resting-state brain functional connectivity and muscle sympathetic burst incidence. <i>Journal of Neurophysiology</i> , 2016, 115, 662-673.	0.9	33
4097	Neural Representation of Subjective Sexual Arousal in Men and Women. <i>Journal of Sexual Medicine</i> , 2016, 13, 1508-1522.	0.3	12
4098	Altered functional connectivity in the default mode network is associated with cognitive impairment and brain anatomical changes in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2016, 33, 58-64.	1.1	65
4099	Absence of visual experience modifies the neural basis of numerical thinking. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 11172-11177.	3.3	75

#	ARTICLE	IF	CITATIONS
4100	Functional magnetic resonance imaging of the cervical spinal cord during thermal stimulation across consecutive runs. <i>NeuroImage</i> , 2016, 143, 267-279.	2.1	26
4102	fMRI evidence of equivalent neural suppression by repetition and prior knowledge. <i>Neuropsychologia</i> , 2016, 90, 159-169.	0.7	16
4103	The Crossed Projection to the Striatum in Two Species of Monkey and in Humans: Behavioral and Evolutionary Significance. <i>Cerebral Cortex</i> , 2016, 27, bhw161.	1.6	30
4104	Reliable measurements of brain atrophy in individual patients with multiple sclerosis. <i>Brain and Behavior</i> , 2016, 6, e00518.	1.0	58
4105	Abnormal white matter integrity in synthetic cannabinoid users. <i>European Neuropsychopharmacology</i> , 2016, 26, 1818-1825.	0.3	25
4106	Postmortem imaging and neuropathologic correlations. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2016, 136, 1321-1339.	1.0	5
4107	Optimization of DCE-MRI protocol for the assessment of patients with brain tumors. <i>Magnetic Resonance Imaging</i> , 2016, 34, 1242-1247.	1.0	6
4108	Rostro-caudal Architecture of the Frontal Lobes in Humans. <i>Cerebral Cortex</i> , 2017, 27, 4033-4047.	1.6	53
4109	Development of White Matter Hyperintensity Is Preceded by Reduced Cerebrovascular Reactivity. <i>Annals of Neurology</i> , 2016, 80, 277-285.	2.8	87
4110	Assessing the performance of different DTI motion correction strategies in the presence of EPI distortion correction. <i>Human Brain Mapping</i> , 2016, 37, 4405-4424.	1.9	45
4111	The occipital place area represents first-person perspective motion information through scenes. <i>Cortex</i> , 2016, 83, 17-26.	1.1	44
4112	Elevated Glutamate Levels in the Left Dorsolateral Prefrontal Cortex Are Associated with Higher Cravings for Alcohol. <i>Alcoholism: Clinical and Experimental Research</i> , 2016, 40, 1609-1616.	1.4	20
4113	Altered striatal circuits underlie characteristic personality traits in Parkinson's disease. <i>Journal of Neurology</i> , 2016, 263, 1828-1839.	1.8	17
4114	Incorporating outlier detection and replacement into a non-parametric framework for movement and distortion correction of diffusion MR images. <i>NeuroImage</i> , 2016, 141, 556-572.	2.1	559
4115	Automated Robust Image Segmentation: Level Set Method Using Nonnegative Matrix Factorization with Application to Brain MRI. <i>Bulletin of Mathematical Biology</i> , 2016, 78, 1450-1476.	0.9	12
4116	Frontal and Temporal Structural Connectivity Is Associated with Social Communication Impairment Following Traumatic Brain Injury. <i>Journal of the International Neuropsychological Society</i> , 2016, 22, 705-716.	1.2	20
4117	Alterations in the functional neural circuitry supporting flexible choice behavior in autism spectrum disorders. <i>Translational Psychiatry</i> , 2016, 6, e916-e916.	2.4	55
4118	Relationship between neuropsychological impairment and grey and white matter changes in adult-onset myotonic dystrophy type 1. <i>NeuroImage: Clinical</i> , 2016, 12, 190-197.	1.4	51

#	ARTICLE	IF	CITATIONS
4119	Vascular Dysfunction in Leukoaraiosis. <i>American Journal of Neuroradiology</i> , 2016, 37, 2258-2264.	1.2	34
4120	Automatic localization of cerebral cortical malformations using fractal analysis. <i>Physics in Medicine and Biology</i> , 2016, 61, 6025-6040.	1.6	4
4121	Full anatomical labeling of magnetic resonance images of human brain by registration with multiple atlases. <i>Programming and Computer Software</i> , 2016, 42, 356-360.	0.5	6
4122	Somatic and Reinforcement-Based Plasticity in the Initial Stages of Human Motor Learning. <i>Journal of Neuroscience</i> , 2016, 36, 11682-11692.	1.7	38
4123	Early Versus Late Onset of Cannabis Use: Differences in Striatal Response to Cannabis Cues. <i>Cannabis and Cannabinoid Research</i> , 2016, 1, 229-233.	1.5	10
4124	Temporal voice areas exist in autism spectrum disorder but are dysfunctional for voice identity recognition. <i>Social Cognitive and Affective Neuroscience</i> , 2016, 11, 1812-1822.	1.5	49
4125	Medio-dorsal thalamus and confabulations: Evidence from a clinical case and combined MRI/DTI study. <i>NeuroImage: Clinical</i> , 2016, 12, 776-784.	1.4	9
4126	Distinct differences in striatal dysmorphology between attention deficit hyperactivity disorder boys with and without a comorbid reading disability. <i>Psychiatry Research - Neuroimaging</i> , 2016, 258, 30-36.	0.9	4
4127	PTSD confounds detection of compromised cerebral white matter integrity in military veterans reporting a history of mild traumatic brain injury. <i>Brain Injury</i> , 2016, 30, 1491-1500.	0.6	26
4128	fMRI resting state analysis using empirical mode decomposition. , 2016, , .		0
4129	Ipsilesional anodal tDCS enhances the functional benefits of rehabilitation in patients after stroke. <i>Science Translational Medicine</i> , 2016, 8, 330re1.	5.8	178
4130	Insights into neuroepigenetics through human histone deacetylase PET imaging. <i>Science Translational Medicine</i> , 2016, 8, 351ra106.	5.8	83
4131	Differentiating T2 hyperintensity in neonatal white matter by two-compartment model of diffusional kurtosis imaging. <i>Scientific Reports</i> , 2016, 6, 24473.	1.6	7
4132	Phenotypic and Genetic Correlations Between the Lobar Segments of the Inferior Fronto-occipital Fasciculus and Attention. <i>Scientific Reports</i> , 2016, 6, 33015.	1.6	9
4133	TLE lateralization using whole brain structural connectivity. , 2016, 2016, 1103-1106.		5
4134	Subconcussive Head Impact Exposure and White Matter Tract Changes over a Single Season of Youth Football. <i>Radiology</i> , 2016, 281, 919-926.	3.6	168
4135	Disconnection between the default mode network and medial temporal lobes in post-traumatic amnesia. <i>Brain</i> , 2016, 139, 3137-3150.	3.7	66
4136	Longitudinal Study of the Emerging Functional Connectivity Asymmetry of Primary Language Regions during Infancy. <i>Journal of Neuroscience</i> , 2016, 36, 10883-10892.	1.7	81

#	ARTICLE	IF	CITATIONS
4137	A studyforrest extension, retinotopic mapping and localization of higher visual areas. Scientific Data, 2016, 3, 160093.	2.4	48
4138	Cerebrovascular reactivity and white matter integrity. Neurology, 2016, 87, 2333-2339.	1.5	39
4139	Learning-Based 3T Brain MRI Segmentation with Guidance from 7T MRI Labeling. Lecture Notes in Computer Science, 2016, 10019, 213-220.	1.0	3
4140	Characterizing dynamic local functional connectivity in the human brain. Scientific Reports, 2016, 6, 26976.	1.6	52
4141	Pre-surgical fMRI Data Analysis Using a Spatially Adaptive Conditionally Autoregressive Model. Bayesian Analysis, 2016, 11, 599-625.	1.6	11
4142	A studyforrest extension, simultaneous fMRI and eye gaze recordings during prolonged natural stimulation. Scientific Data, 2016, 3, 160092.	2.4	87
4143	Supervoxel-Based Hierarchical Markov Random Field Framework for Multi-atlas Segmentation. Lecture Notes in Computer Science, 2016, , 100-108.	1.0	0
4144	In-vivo Dynamics of the Human Hippocampus across the Menstrual Cycle. Scientific Reports, 2016, 6, 32833.	1.6	108
4145	Global disruption of degree rank order: a hallmark of chronic pain. Scientific Reports, 2016, 6, 34853.	1.6	88
4146	Methadone-induced Damage to White Matter Integrity in Methadone Maintenance Patients: A Longitudinal Self-control DTI Study. Scientific Reports, 2016, 6, 19662.	1.6	31
4147	Dynamic updating of hippocampal object representations reflects new conceptual knowledge. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 13203-13208.	3.3	173
4148	Longitudinal Relationships between Caloric Expenditure and Gray Matter in the Cardiovascular Health Study. Journal of Alzheimer's Disease, 2016, 52, 719-729.	1.2	21
4149	Multimodal Magnetic Resonance Imaging in Alzheimer's Disease Patients at Prodromal Stage. Journal of Alzheimer's Disease, 2016, 50, 1035-1050.	1.2	26
4150	Graph theoretical biomarkers for schizophrenic Brain Functional Networks. , 2016, , .		3
4151	Effect of Anatomically Realistic Full-Head Model on Activation of Cortical Neurons in Subdural Cortical Stimulation—A Computational Study. Scientific Reports, 2016, 6, 27353.	1.6	25
4152	Arm crossing updates brain functional connectivity of the left posterior parietal cortex. Scientific Reports, 2016, 6, 28105.	1.6	8
4153	Cognition in Friedreich's ataxia: a behavioral and multimodal imaging study. Annals of Clinical and Translational Neurology, 2016, 3, 572-587.	1.7	50
4154	Measuring Connectivity in the Primary Visual Pathway in Human Albinism Using Diffusion Tensor Imaging and Tractography. Journal of Visualized Experiments, 2016, , .	0.2	5

#	ARTICLE	IF	CITATIONS
4155	Age-related Differences in White Matter Integrity in Healthy Human Brain: Evidence from Structural Mri and Diffusion Tensor Imaging. <i>Magnetic Resonance Insights</i> , 2016, 9, MRI.S39666.	2.5	43
4156	Abnormal white matter integrity in rapists as indicated by diffusion tensor imaging. <i>BMC Neuroscience</i> , 2016, 17, 45.	0.8	12
4157	Resting state functional MRI reveals abnormal network connectivity in orthostatic tremor. <i>Medicine (United States)</i> , 2016, 95, e4310.	0.4	18
4158	Anterior Cingulate Glutamate Is Reduced by Acamprosate Treatment in Patients With Alcohol Dependence. <i>Journal of Clinical Psychopharmacology</i> , 2016, 36, 669-674.	0.7	24
4159	Cellular and Molecular Imaging Using Chemical Exchange Saturation Transfer. <i>Topics in Magnetic Resonance Imaging</i> , 2016, 25, 197-204.	0.7	11
4160	Pivotal response treatment prompts a functional rewiring of the brain among individuals with autism spectrum disorder. <i>NeuroReport</i> , 2016, 27, 1081-1085.	0.6	21
4161	The relationship between recognition memory for emotion-laden words and white matter microstructure in normal older individuals. <i>NeuroReport</i> , 2016, 27, 1345-1349.	0.6	1
4162	Neural injury of the Papez circuit following hypoxicâ€“ischemic brain injury. <i>Medicine (United States)</i> , 2016, 95, e5173.	0.4	6
4163	Severe ataxia due to injuries of neural tract detected by diffusion tensor tractography in a patient with pontine hemorrhage. <i>Medicine (United States)</i> , 2016, 95, e5590.	0.4	9
4164	Injury of the lower ascending reticular activating system in patients with pontine hemorrhage. <i>Medicine (United States)</i> , 2016, 95, e5527.	0.4	7
4165	Delayed regaining of gait ability in a patient with brain injury. <i>Medicine (United States)</i> , 2016, 95, e4898.	0.4	4
4166	Structural and functional connectivity in healthy aging: Associations for cognition and motor behavior. <i>Human Brain Mapping</i> , 2016, 37, 855-867.	1.9	66
4167	The neural networks of subjectively evaluated emotional conflicts. <i>Human Brain Mapping</i> , 2016, 37, 2234-2246.	1.9	30
4168	The effect of inflammation and its reduction on brain plasticity in multiple sclerosis: MRI evidence. <i>Human Brain Mapping</i> , 2016, 37, 2431-2445.	1.9	29
4169	Speed of saccade execution and inhibition associated with fractional anisotropy in distinct frontoâ€“frontal and frontoâ€“striatal white matter pathways. <i>Human Brain Mapping</i> , 2016, 37, 2811-2822.	1.9	16
4170	Does hydration status affect MRI measures of brain volume or water content?. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 44, 296-304.	1.9	30
4171	Multimodal quantitative MRI assessment of cortical damage in relapsing-remitting multiple sclerosis. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 44, 1600-1607.	1.9	37
4172	Is the brain of complex regional pain syndrome patients truly different?. <i>European Journal of Pain</i> , 2016, 20, 1622-1633.	1.4	29

#	ARTICLE	IF	CITATIONS
4173	Lower gray matter density and functional connectivity in the anterior insula in smokers compared with never smokers. <i>Addiction Biology</i> , 2016, 21, 972-981.	1.4	42
4174	“Language of the past” Exploring past tense disruption during autobiographical narration in neurodegenerative disorders. <i>Journal of Neuropsychology</i> , 2016, 10, 295-316.	0.6	19
4175	Heat transfer due to electroconvulsive therapy: Influence of anisotropic thermal and electrical skull conductivity. <i>Computer Methods and Programs in Biomedicine</i> , 2016, 133, 71-81.	2.6	16
4176	A dynamic tree-based registration could handle possible large deformations among MR brain images. <i>Computerized Medical Imaging and Graphics</i> , 2016, 52, 1-7.	3.5	1
4177	Developmental brain trajectories in children with ADHD and controls: a longitudinal neuroimaging study. <i>BMC Psychiatry</i> , 2016, 16, 59.	1.1	54
4179	Abnormalities of white matter integrity in the corpus callosum of adolescents with PTSD after childhood sexual abuse: a DTI study. <i>European Child and Adolescent Psychiatry</i> , 2016, 25, 869-878.	2.8	44
4180	Inflammatory cytokines influence measures of white matter integrity in Bipolar Disorder. <i>Journal of Affective Disorders</i> , 2016, 202, 1-9.	2.0	125
4181	Treatment of dysphasia with rTMS and language therapy after childhood stroke: Multimodal imaging of plastic change. <i>Brain and Language</i> , 2016, 159, 23-34.	0.8	26
4182	Probabilistic Fiber-Tracking Reveals Degeneration of the Contralateral Auditory Pathway in Patients with Vestibular Schwannoma. <i>American Journal of Neuroradiology</i> , 2016, 37, 1610-1616.	1.2	13
4183	Sex Differences in White Matter Microstructure in the Human Brain Predominantly Reflect Differences in Sex Hormone Exposure. <i>Cerebral Cortex</i> , 2017, 27, bhv156.	1.6	46
4184	Detecting altered connectivity patterns in HIV associated neurocognitive impairment using mutual connectivity analysis. <i>Proceedings of SPIE</i> , 2016, 9788, .	0.8	1
4185	Frontostriatal anatomical connections predict age- and difficulty-related differences in reinforcement learning. <i>Neurobiology of Aging</i> , 2016, 46, 1-12.	1.5	8
4186	Analysis of the Metabolic and Structural Brain Changes in Patients With Torture-Related Post-Traumatic Stress Disorder (TR-PTSD) Using 18F-FDG PET and MRI. <i>Medicine (United States)</i> , 2016, 95, e3387.	0.4	18
4187	In Vivo 7T MR Quantitative Susceptibility Mapping Reveals Opposite Susceptibility Contrast between Cortical and White Matter Lesions in Multiple Sclerosis. <i>American Journal of Neuroradiology</i> , 2016, 37, 1808-1815.	1.2	31
4188	The 100 most-cited articles in neuroimaging: A bibliometric analysis. <i>NeuroImage</i> , 2016, 139, 149-156.	2.1	70
4189	Sub-threshold depressive symptoms and brain structure: A magnetic resonance imaging study within the Whitehall II cohort. <i>Journal of Affective Disorders</i> , 2016, 204, 219-225.	2.0	26
4190	Investigating changes in brain network properties in HIV-associated neurocognitive disease (HAND) using mutual connectivity analysis (MCA)., 2016, 9788, .		6
4191	Diffusion tensor imaging in euthymic bipolar disorder “A tract-based spatial statistics study. <i>Journal of Affective Disorders</i> , 2016, 203, 281-291.	2.0	29

#	ARTICLE	IF	CITATIONS
4192	Using Diffusion Tractography to Predict Cortical Connection Strength and Distance: A Quantitative Comparison with Tracers in the Monkey. <i>Journal of Neuroscience</i> , 2016, 36, 6758-6770.	1.7	318
4193	A robust and adaptive decision-making algorithm for detecting brain networks using functional MRI within the spatial and frequency domain. , 2016, , .		8
4194	Two step Gaussian mixture model approach to characterize white matter disease based on distributional changes. <i>Journal of Neuroscience Methods</i> , 2016, 270, 156-164.	1.3	4
4195	Transcranial magnetic stimulation potentiates glutamatergic neurotransmission in depressed adolescents. <i>Psychiatry Research - Neuroimaging</i> , 2016, 247, 25-33.	0.9	52
4196	Increased fractional anisotropy in the motor tracts of Parkinson's disease suggests compensatory neuroplasticity or selective neurodegeneration. <i>European Radiology</i> , 2016, 26, 3327-3335.	2.3	94
4197	The extreme capsule fiber complex in humans and macaque monkeys: a comparative diffusion MRI tractography study. <i>Brain Structure and Function</i> , 2016, 221, 4059-4071.	1.2	91
4198	Genetics of structural connectivity and information processing in the brain. <i>Brain Structure and Function</i> , 2016, 221, 4643-4661.	1.2	17
4199	Improving the clinical potential of ultra-high field fMRI using a model-free analysis method based on response consistency. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2016, 29, 435-449.	1.1	6
4200	The impact of fibromyalgia symptoms on brain morphometry. <i>Brain Imaging and Behavior</i> , 2016, 10, 1184-1197.	1.1	20
4201	Human ventromedial prefrontal lesions alter incentivisation by reward. <i>Cortex</i> , 2016, 76, 104-120.	1.1	46
4202	Spatial properties of objects predict patterns of neural response in the ventral visual pathway. <i>NeuroImage</i> , 2016, 126, 173-183.	2.1	22
4203	An exploration of task based fMRI in neonates using echo-shifting to allow acquisition at longer T E without loss of temporal efficiency. <i>NeuroImage</i> , 2016, 127, 298-306.	2.1	5
4204	Removing inter-subject technical variability in magnetic resonance imaging studies. <i>NeuroImage</i> , 2016, 132, 198-212.	2.1	107
4205	The volumetric and shape changes of the putamen and thalamus in first episode, untreated major depressive disorder. <i>NeuroImage: Clinical</i> , 2016, 11, 658-666.	1.4	102
4206	Cambios en resonancia magnÃ©tica funcional en estudiantes de medicina con y sin restricciÃ³n moderada de sueÃ±o. <i>Revista Argentina De Radiologia</i> , 2016, 80, 16-26.	0.0	0
4207	The relationship between visual word and face processing lateralization in the fusiform gyri: A cross-sectional study. <i>Brain Research</i> , 2016, 1644, 88-97.	1.1	32
4208	Perceived egocentric distance sensitivity and invariance across scene-selective cortex. <i>Cortex</i> , 2016, 77, 155-163.	1.1	56
4209	Neural correlates of self-perceptions in adolescents with major depressive disorder. <i>Developmental Cognitive Neuroscience</i> , 2016, 19, 87-97.	1.9	32

#	ARTICLE	IF	CITATIONS
4210	Early life trauma is associated with altered white matter integrity and affective control. <i>Journal of Psychiatric Research</i> , 2016, 79, 70-77.	1.5	16
4211	Structural and diffusion imaging versus clinical assessment to monitor amyotrophic lateral sclerosis. <i>NeuroImage: Clinical</i> , 2016, 11, 408-414.	1.4	51
4212	Amygdala volume is reduced in early course schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2016, 250, 50-60.	0.9	33
4213	Abnormal white matter integrity as a structural endophenotype for bipolar disorder. <i>Psychological Medicine</i> , 2016, 46, 1547-1558.	2.7	41
4214	Right fronto-insular white matter tracts link cognitive reserve and pain in migraine patients. <i>Journal of Headache and Pain</i> , 2016, 17, 4.	2.5	36
4215	Altered functional connectivity of the amygdaloid input nuclei in adolescents and young adults with autism spectrum disorder: a resting state fMRI study. <i>Molecular Autism</i> , 2016, 7, 13.	2.6	71
4216	The role of the amygdala in naturalistic mentalising in typical development and in autism spectrum disorder. <i>British Journal of Psychiatry</i> , 2016, 208, 556-564.	1.7	15
4217	Organizing conceptual knowledge in humans with a gridlike code. <i>Science</i> , 2016, 352, 1464-1468.	6.0	581
4218	The Evaluation of Magnesium Chloride within a Polyethylene Glycol Formulation in a Porcine Model of Acute Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2016, 33, 2202-2216.	1.7	21
4219	White matter tract integrity in treatment-resistant gambling disorder. <i>British Journal of Psychiatry</i> , 2016, 208, 579-584.	1.7	8
4220	Evaluation of white matter integrity in systemic lupus erythematosus by diffusion tensor magnetic resonance imaging: a study using tract-based spatial statistics. <i>Neuroradiology</i> , 2016, 58, 819-825.	1.1	11
4221	White matter microstructure in a genetically defined group at increased risk of autism symptoms, and a comparison with idiopathic autism: an exploratory study. <i>Brain Imaging and Behavior</i> , 2016, 10, 1280-1288.	1.1	12
4222	Neurochemical correlates of internet game play in adolescents with attention deficit hyperactivity disorder: A proton magnetic resonance spectroscopy (MRS) study. <i>Psychiatry Research - Neuroimaging</i> , 2016, 254, 10-17.	0.9	19
4223	Longitudinal assessment of white matter abnormalities following sports-related concussion. <i>Human Brain Mapping</i> , 2016, 37, 833-845.	1.9	95
4224	Differences in structural covariance brain networks between behavioral variant frontotemporal dementia and Alzheimer's disease. <i>Human Brain Mapping</i> , 2016, 37, 978-988.	1.9	48
4225	Microstructural properties of premotor pathways predict visuomotor performance in chronic stroke. <i>Human Brain Mapping</i> , 2016, 37, 2039-2054.	1.9	15
4226	Resting-state functional connectivity of the human habenula in healthy individuals: Associations with subclinical depression. <i>Human Brain Mapping</i> , 2016, 37, 2369-2384.	1.9	81
4227	Diffusion tensor imaging of the substantia nigra in Parkinson's disease revisited. <i>Human Brain Mapping</i> , 2016, 37, 2547-2556.	1.9	66

#	ARTICLE	IF	CITATIONS
4228	MICA—A toolbox for masked independent component analysis of fMRI data. <i>Human Brain Mapping</i> , 2016, 37, 3544-3556.	1.9	49
4229	Fat-suppressed alternating-SSFP for whole-brain fMRI using breath-hold and visual stimulus paradigms. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 1978-1988.	1.9	4
4230	Comparison of peripheral near-infrared spectroscopy low-frequency oscillations to other denoising methods in resting state functional MRI with ultrahigh temporal resolution. <i>Magnetic Resonance in Medicine</i> , 2016, 76, 1697-1707.	1.9	36
4231	Tract-specific and age-related variations of the spinal cord microstructure: a multi-parametric MRI study using diffusion tensor imaging (DTI) and inhomogeneous magnetization transfer (ihMT). <i>NMR in Biomedicine</i> , 2016, 29, 817-832.	1.6	60
4232	Regional Cerebral Disease Progression in Friedreich's Ataxia: A Longitudinal Diffusion Tensor Imaging Study. <i>Journal of Neuroimaging</i> , 2016, 26, 197-200.	1.0	25
4233	Correction for Susceptibility Distortions Increases the Performance of Arterial Spin Labeling in Patients with Cerebrovascular Disease. <i>Journal of Neuroimaging</i> , 2016, 26, 436-444.	1.0	15
4234	Displacement behaviors in chimpanzees (<i>Pan troglodytes</i>): A neurogenomics investigation of the RDoC Negative Valence Systems domain. <i>Psychophysiology</i> , 2016, 53, 355-363.	1.2	20
4235	Dopamine D ₃ Receptor Availability Is Associated with Inflexible Decision Making. <i>Journal of Neuroscience</i> , 2016, 36, 6732-6741.	1.7	31
4236	Faster permutation inference in brain imaging. <i>NeuroImage</i> , 2016, 141, 502-516.	2.1	242
4237	White Matter Associations With Performance Validity Testing in Veterans With Mild Traumatic Brain Injury: The Utility of Biomarkers in Complicated Assessment. <i>Journal of Head Trauma Rehabilitation</i> , 2016, 31, 346-359.	1.0	11
4238	Associations Between Recent Heavy Drinking and Dorsal Anterior Cingulate N-Acetylaspartate and Glutamate Concentrations in Non-Treatment-Seeking Individuals with Alcohol Dependence. <i>Alcoholism: Clinical and Experimental Research</i> , 2016, 40, 491-496.	1.4	25
4239	Environmental layout complexity affects neural activity during navigation in humans. <i>European Journal of Neuroscience</i> , 2016, 43, 1146-1155.	1.2	12
4240	Chronic pain disrupts the reward circuitry in multiple sclerosis. <i>European Journal of Neuroscience</i> , 2016, 44, 1928-34.	1.2	26
4241	Structural and functional connectivity mapping of the vestibular circuitry from human brainstem to cortex. <i>Brain Structure and Function</i> , 2016, 221, 1291-1308.	1.2	147
4242	Interhemispheric transcallosal connectivity between the left and right planum temporale predicts musicianship, performance in temporal speech processing, and functional specialization. <i>Brain Structure and Function</i> , 2016, 221, 331-344.	1.2	36
4243	Congenital blindness affects diencephalic but not mesencephalic structures in the human brain. <i>Brain Structure and Function</i> , 2016, 221, 1465-1480.	1.2	46
4244	NMDA Receptor Antagonist Ketamine Distorts Object Recognition by Reducing Feedback to Early Visual Cortex. <i>Cerebral Cortex</i> , 2016, 26, 1986-1996.	1.6	43
4245	Frontotemporal correlates of impulsivity and machine learning in retired professional athletes with a history of multiple concussions. <i>Brain Structure and Function</i> , 2016, 221, 1911-1925.	1.2	103

#	ARTICLE	IF	CITATIONS
4246	The hippocampus and exercise: histological correlates of MR-detected volume changes. <i>Brain Structure and Function</i> , 2016, 221, 1353-1363.	1.2	51
4247	Age-related decline in functional connectivity of the vestibular cortical network. <i>Brain Structure and Function</i> , 2016, 221, 1443-1463.	1.2	31
4248	Transcutaneous Vagus Nerve Stimulation Modulates Default Mode Network in Major Depressive Disorder. <i>Biological Psychiatry</i> , 2016, 79, 266-273.	0.7	251
4249	Assessment of Eating Behavior Disturbance and Associated Neural Networks in Frontotemporal Dementia. <i>JAMA Neurology</i> , 2016, 73, 282.	4.5	74
4250	Sleep reverts changes in human gray and white matter caused by wake-dependent training. <i>NeuroImage</i> , 2016, 129, 367-377.	2.1	50
4251	Predicting standard-dose PET image from low-dose PET and multimodal MR images using mapping-based sparse representation. <i>Physics in Medicine and Biology</i> , 2016, 61, 791-812.	1.6	62
4252	Orchestrating Proactive and Reactive Mechanisms for Filtering Distracting Information: Brain-Behavior Relationships Revealed by a Mixed-Design fMRI Study. <i>Journal of Neuroscience</i> , 2016, 36, 988-1000.	1.7	60
4253	Conduct disorder in females is associated with reduced corpus callosum structural integrity independent of comorbid disorders and exposure to maltreatment. <i>Translational Psychiatry</i> , 2016, 6, e714-e714.	2.4	26
4254	Representation of Maximally Regular Textures in Human Visual Cortex. <i>Journal of Neuroscience</i> , 2016, 36, 714-729.	1.7	73
4255	Altered white matter and cortical structure in neonates with antenatally diagnosed isolated ventriculomegaly. <i>NeuroImage: Clinical</i> , 2016, 11, 139-148.	1.4	18
4256	Efficacy of identifying neural components in the face and emotion processing system in schizophrenia using a dynamic functional localizer. <i>Psychiatry Research - Neuroimaging</i> , 2016, 248, 55-63.	0.9	7
4257	Short-Term Memory Depends on Dissociable Medial Temporal Lobe Regions in Amnesic Mild Cognitive Impairment. <i>Cerebral Cortex</i> , 2016, 26, 2006-2017.	1.6	20
4258	Fornix deep brain stimulation circuit effect is dependent on major excitatory transmission via the nucleus accumbens. <i>NeuroImage</i> , 2016, 128, 138-148.	2.1	31
4259	The inhibition/excitation ratio related to task-induced oscillatory modulations during a working memory task: A multimodal-imaging study using MEG and MRS. <i>NeuroImage</i> , 2016, 128, 302-315.	2.1	27
4260	Co-ordinated structural and functional covariance in the adolescent brain underlies face processing performance. <i>Social Cognitive and Affective Neuroscience</i> , 2016, 11, 556-568.	1.5	13
4261	Relationship between the anterior forebrain mesocircuit and the default mode network in the structural bases of disorders of consciousness. <i>NeuroImage: Clinical</i> , 2016, 10, 27-35.	1.4	66
4262	Cerebrospinal fluid lipocalin 2 in patients with clinically isolated syndromes and early multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2016, 22, 1560-1568.	1.4	21
4263	Dissociation of working memory impairments and attention-deficit/hyperactivity disorder in the brain. <i>NeuroImage: Clinical</i> , 2016, 10, 274-282.	1.4	43

#	ARTICLE	IF	CITATIONS
4264	Cerebral White Matter and Slow Gait: Contribution of Hyperintensities and Normal-appearing Parenchyma. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 968-973.	1.7	61
4265	Pain empathy in schizophrenia: an fMRI study. <i>Social Cognitive and Affective Neuroscience</i> , 2016, 11, 783-792.	1.5	19
4266	Ketamine-induced brain activation in awake female nonhuman primates: a translational functional imaging model. <i>Psychopharmacology</i> , 2016, 233, 961-972.	1.5	14
4267	MRI correlates of general intelligence in neurotypical adults. <i>Journal of Clinical Neuroscience</i> , 2016, 24, 128-134.	0.8	45
4268	The Role of Corticostriatal Systems in Speech Category Learning. <i>Cerebral Cortex</i> , 2016, 26, 1409-1420.	1.6	54
4269	Identification of Mood-Relevant Brain Connections Using a Continuous, Subject-Driven Rumination Paradigm. <i>Cerebral Cortex</i> , 2016, 26, 933-942.	1.6	26
4270	Action-Based Learning of Multistate Objects in the Medial Temporal Lobe. <i>Cerebral Cortex</i> , 2016, 26, 1853-1865.	1.6	20
4271	Comparing brains by matching connectivity profiles. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 60, 90-97.	2.9	117
4272	Effect of short-term escitalopram treatment on neural activation during emotional processing. <i>Journal of Psychopharmacology</i> , 2016, 30, 33-39.	2.0	14
4273	Regional brain activations in awake unrestrained dogs. <i>Journal of Veterinary Behavior: Clinical Applications and Research</i> , 2016, 16, 104-112.	0.5	14
4274	Preservation of episodic memory in semantic dementia: The importance of regions beyond the medial temporal lobes. <i>Neuropsychologia</i> , 2016, 81, 50-60.	0.7	56
4275	Mode of Anisotropy Reveals Global Diffusion Alterations in Attention-Deficit/Hyperactivity Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2016, 55, 137-145.	0.3	29
4276	Correlating quantitative tractography at 3T MRI and cognitive tests in healthy older adults. <i>Brain Imaging and Behavior</i> , 2016, 10, 1223-1230.	1.1	9
4277	The pleasure of revenge: retaliatory aggression arises from a neural imbalance toward reward. <i>Social Cognitive and Affective Neuroscience</i> , 2016, 11, 1173-1182.	1.5	123
4278	Training-induced changes in subsequent-memory effects: No major differences among children, younger adults, and older adults. <i>NeuroImage</i> , 2016, 131, 214-225.	2.1	21
4279	Structural brain alterations in hemifacial spasm: A voxel-based morphometry and diffusion tensor imaging study. <i>Clinical Neurophysiology</i> , 2016, 127, 1470-1474.	0.7	18
4280	White Matter Changes in Tinnitus: Is It All Age and Hearing Loss?. <i>Brain Connectivity</i> , 2016, 6, 84-93.	0.8	21
4281	Measuring water content using T2 relaxation at 3T: Phantom validations and simulations. <i>Magnetic Resonance Imaging</i> , 2016, 34, 246-251.	1.0	27

#	ARTICLE	IF	CITATIONS
4282	Serum C-reactive protein levels predict regional brain responses to noxious cold stimulation of the hand in chronic whiplash associated disorders. <i>Scandinavian Journal of Pain</i> , 2016, 11, 19-26.	0.5	8
4283	Image Guided Radiation Therapy Using Synthetic Computed Tomography Images in Brain Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 95, 1281-1289.	0.4	30
4284	Maturation of Sensori-Motor Functional Responses in the Preterm Brain. <i>Cerebral Cortex</i> , 2016, 26, 402-413.	1.6	71
4285	Functional and structural connectivity of the visual system in infants with perinatal brain injury. <i>Pediatric Research</i> , 2016, 80, 43-48.	1.1	13
4286	Frontoparietal white matter integrity predicts haptic performance in chronic stroke. <i>NeuroImage: Clinical</i> , 2016, 10, 129-139.	1.4	12
4287	Altered White Matter Microstructure in Adolescents and Adults with Bulimia Nervosa. <i>Neuropsychopharmacology</i> , 2016, 41, 1841-1848.	2.8	24
4288	Individual differences in frontolimbic circuitry and anxiety emerge with adolescent changes in endocannabinoid signaling across species. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 4500-4505.	3.3	72
4289	Underconnected, But Not Broken? Dynamic Functional Connectivity MRI Shows Underconnectivity in Autism Is Linked to Increased Intra-Individual Variability Across Time. <i>Brain Connectivity</i> , 2016, 6, 403-414.	0.8	93
4290	Motion and distortion correction of skeletal muscle echo planar images. <i>Magnetic Resonance Imaging</i> , 2016, 34, 832-838.	1.0	7
4291	Intranasal administration of oxytocin modulates behavioral and amygdala responses to infant crying in females with insecure attachment representations. <i>Attachment and Human Development</i> , 2016, 18, 213-234.	1.2	27
4292	Diffusion tensor imaging and behavior in premature infants at 8 years of age, a randomized controlled trial with long-chain polyunsaturated fatty acids. <i>Early Human Development</i> , 2016, 95, 41-46.	0.8	24
4293	Applying a free-water correction to diffusion imaging data uncovers stress-related neural pathology in depression. <i>NeuroImage: Clinical</i> , 2016, 10, 336-342.	1.4	54
4294	Abnormalities in brain systems supporting individuation and enumeration in autism. <i>Autism Research</i> , 2016, 9, 82-96.	2.1	6
4295	Longitudinal magnetic resonance imaging study shows progressive pyramidal and callosal damage in Friedreich's ataxia. <i>Movement Disorders</i> , 2016, 31, 70-78.	2.2	45
4296	Reducing slab boundary artifacts in three-dimensional multislab diffusion MRI using nonlinear inversion for slab profile encoding (NPEN). <i>Magnetic Resonance in Medicine</i> , 2016, 76, 1183-1195.	1.9	32
4297	Increased integrity of white matter pathways after dual n-back training. <i>NeuroImage</i> , 2016, 133, 244-250.	2.1	29
4298	Reward-Guided Learning with and without Causal Attribution. <i>Neuron</i> , 2016, 90, 177-190.	3.8	69
4299	Age-Related Changes in Frontal Network Structural and Functional Connectivity in Relation to Bimanual Movement Control. <i>Journal of Neuroscience</i> , 2016, 36, 1808-1822.	1.7	75

#	ARTICLE	IF	CITATIONS
4300	Structural network efficiency predicts conversion to dementia. <i>Neurology</i> , 2016, 86, 1112-1119.	1.5	103
4301	Improving Tumor Treating Fields Treatment Efficacy in Patients With Glioblastoma Using Personalized Array Layouts. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 94, 1137-1143.	0.4	49
4302	Traffic pollution exposure is associated with altered brain connectivity in school children. <i>NeuroImage</i> , 2016, 129, 175-184.	2.1	127
4303	White Matter Injuries in Mild Traumatic Brain Injury and Posttraumatic Migraines: Diffusion Entropy Analysis. <i>Radiology</i> , 2016, 279, 859-866.	3.6	27
4304	Alpha desynchronization and fronto-parietal connectivity during spatial working memory encoding deficits in ADHD: A simultaneous EEG-fMRI study. <i>NeuroImage: Clinical</i> , 2016, 11, 210-223.	1.4	37
4305	A combined diffusion tensor imaging and magnetic resonance spectroscopy study of patients with schizophrenia. <i>Schizophrenia Research</i> , 2016, 170, 341-350.	1.1	45
4306	Phosphodiesterase 10A in Schizophrenia: A PET Study Using [¹¹ C]IMA107. <i>American Journal of Psychiatry</i> , 2016, 173, 714-721.	4.0	33
4307	Changes of the corticospinal tract in the unaffected hemisphere in stroke patients: A diffusion tensor imaging study. <i>Somatosensory & Motor Research</i> , 2016, 33, 1-7.	0.4	8
4308	Limb-kinetic apraxia due to injury of corticofugal tracts from secondary motor area in patients with corona radiata infarct. <i>Acta Neurologica Belgica</i> , 2016, 116, 467-472.	0.5	14
4309	Atypical Structural Connectome Organization and Cognitive Impairment in Young Survivors of Acute Lymphoblastic Leukemia. <i>Brain Connectivity</i> , 2016, 6, 273-282.	0.8	57
4310	Distinct medial temporal networks encode surprise during motivation by reward versus punishment. <i>Neurobiology of Learning and Memory</i> , 2016, 134, 55-64.	1.0	42
4311	Abnormal white matter microstructure in drug-naïve first episode schizophrenia patients before and after eight weeks of antipsychotic treatment. <i>Schizophrenia Research</i> , 2016, 172, 1-8.	1.1	75
4312	Amyloid pathology and axonal injury after brain trauma. <i>Neurology</i> , 2016, 86, 821-828.	1.5	116
4313	Neural correlates of unihemispheric and bihemispheric motor cortex stimulation in healthy young adults. <i>NeuroImage</i> , 2016, 140, 141-149.	2.1	35
4314	Relationship between body mass index and hippocampal glutamate/glutamine in bipolar disorder. <i>British Journal of Psychiatry</i> , 2016, 208, 146-152.	1.7	16
4315	Impairments in precision, rather than spatial strategy, characterize performance on the virtual Morris Water Maze: A case study. <i>Neuropsychologia</i> , 2016, 80, 90-101.	0.7	62
4316	Hippocampus and Prefrontal Cortex Predict Distinct Timescales of Activation in the Human Ventral Tegmental Area. <i>Cerebral Cortex</i> , 2017, 27, bhw005.	1.6	22
4317	Brain Areas Involved in Anticipation of Clinically Relevant Pain in Low Back Pain Populations With High Levels of Pain Behavior. <i>Journal of Pain</i> , 2016, 17, 577-587.	0.7	17

#	ARTICLE	IF	CITATIONS
4318	Disruption of brain anatomical networks in schizophrenia: A longitudinal, diffusion tensor imaging based study. <i>Schizophrenia Research</i> , 2016, 171, 149-157.	1.1	45
4319	Predicting haemodynamic networks using electrophysiology: The role of non-linear and cross-frequency interactions. <i>NeuroImage</i> , 2016, 130, 273-292.	2.1	64
4320	Measuring the cortical correlation structure of spontaneous oscillatory activity with EEG and MEG. <i>NeuroImage</i> , 2016, 129, 345-355.	2.1	92
4321	Injury of the Arcuate Fasciculus in the Dominant Hemisphere in Patients With Mild Traumatic Brain Injury. <i>Medicine (United States)</i> , 2016, 95, e3007.	0.4	15
4322	What you cannot get from routine MRI of MS patient and why – The growing need for atrophy assessment and seeing beyond the plaque. <i>Neurologia i Neurochirurgia Polska</i> , 2016, 50, 123-130.	0.6	5
4323	How do negative emotions impair self-control? A neural model of negative urgency. <i>NeuroImage</i> , 2016, 132, 43-50.	2.1	94
4324	Explosive percolation in thresholded networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016, 451, 1-9.	1.2	9
4325	Structural and Maturational Covariance in Early Childhood Brain Development. <i>Cerebral Cortex</i> , 2017, 27, bhw022.	1.6	111
4326	Underlying sources of cognitive-anatomical variation in multi-modal neuroimaging and cognitive testing. <i>NeuroImage</i> , 2016, 129, 439-449.	2.1	4
4327	Neuroinflammation in treated HIV-positive individuals. <i>Neurology</i> , 2016, 86, 1425-1432.	1.5	136
4328	When Is an Adolescent an Adult? Assessing Cognitive Control in Emotional and Nonemotional Contexts. <i>Psychological Science</i> , 2016, 27, 549-562.	1.8	202
4329	Effect of Inhaled Xenon on Cerebral White Matter Damage in Comatose Survivors of Out-of-Hospital Cardiac Arrest. <i>JAMA - Journal of the American Medical Association</i> , 2016, 315, 1120.	3.8	97
4330	Microbleeds may expand acutely after traumatic brain injury. <i>Neuroscience Letters</i> , 2016, 617, 207-212.	1.0	27
4331	Inter-individual variation in fronto-temporal connectivity predicts the ability to learn different types of associations. <i>NeuroImage</i> , 2016, 132, 213-224.	2.1	26
4332	Examining hippocampal function in schizophrenia using a virtual reality spatial navigation task. <i>Schizophrenia Research</i> , 2016, 172, 86-93.	1.1	17
4333	The push of social pain: Does rejection’s sting motivate subsequent social reconnection?. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2016, 16, 541-550.	1.0	35
4334	Alterations in white matter volume and integrity in obesity and type 2 diabetes. <i>Metabolic Brain Disease</i> , 2016, 31, 621-629.	1.4	64
4335	The first step for neuroimaging data analysis: DICOM to NiftI conversion. <i>Journal of Neuroscience Methods</i> , 2016, 264, 47-56.	1.3	610

#	ARTICLE	IF	CITATIONS
4336	Age differences in the functional interactions among the default, frontoparietal control, and dorsal attention networks. <i>Neurobiology of Aging</i> , 2016, 41, 159-172.	1.5	283
4337	Bayesian Community Detection in the Space of Group-Level Functional Differences. <i>IEEE Transactions on Medical Imaging</i> , 2016, 35, 1866-1882.	5.4	19
4338	Multiple Sclerosis: Changes in Thalamic Resting-State Functional Connectivity Induced by a Home-based Cognitive Rehabilitation Program. <i>Radiology</i> , 2016, 280, 202-211.	3.6	48
4339	Distortion products in auditory fMRI research: Measurements and solutions. <i>NeuroImage</i> , 2016, 129, 401-413.	2.1	23
4340	Mirror Motor Activity During Right-Hand Contractions and Its Relation to White Matter in the Posterior Midbody of the Corpus Callosum. <i>Cerebral Cortex</i> , 2016, 26, 4347-4355.	1.6	22
4341	Prediction of Impaired Performance in Trail Making Test in MCI Patients With Small Vessel Disease Using DTI Data. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2016, 20, 1026-1033.	3.9	27
4342	Assessing Quantitative Changes in Intrinsic Thalamic Networks in Blast and Nonblast Mild Traumatic Brain Injury: Implications for Mechanisms of Injury. <i>Brain Connectivity</i> , 2016, 6, 389-402.	0.8	10
4343	Repetitive Transcranial Magnetic Stimulation Educates Frequency-Specific Causal Relationships in the Motor Network. <i>Brain Stimulation</i> , 2016, 9, 406-414.	0.7	20
4344	Disconnection and hyper-connectivity underlie reorganization after TBI: A rodent functional connectomic analysis. <i>Experimental Neurology</i> , 2016, 277, 124-138.	2.0	78
4345	Information Processing in the Mental Workspace Is Fundamentally Distributed. <i>Journal of Cognitive Neuroscience</i> , 2016, 28, 295-307.	1.1	6
4346	Limited Evidence for Association of Genome-Wide Schizophrenia Risk Variants on Cortical Neuroimaging Phenotypes. <i>Schizophrenia Bulletin</i> , 2016, 42, 1027-1036.	2.3	11
4347	Frontal white matter changes and aggression in methamphetamine dependence. <i>Metabolic Brain Disease</i> , 2016, 31, 53-62.	1.4	18
4348	Exploratory analysis of diffusion tensor imaging in children with attention deficit hyperactivity disorder: evidence of abnormal white matter structure. <i>ADHD Attention Deficit and Hyperactivity Disorders</i> , 2016, 8, 65-71.	1.7	17
4349	Decisions about the past are guided by reinstatement of specific memories in the hippocampus and perirhinal cortex. <i>NeuroImage</i> , 2016, 127, 144-157.	2.1	61
4350	Predictors of Clinical Worsening in Cerebral Autosomal Dominant Arteriopathy With Subcortical Infarcts and Leukoencephalopathy. <i>Stroke</i> , 2016, 47, 4-11.	1.0	81
4351	Increased Default Mode Network Connectivity in Individuals at High Familial Risk for Depression. <i>Neuropsychopharmacology</i> , 2016, 41, 1759-1767.	2.8	102
4352	Abnormal cross-network functional connectivity in chronic pain and its association with clinical symptoms. <i>Brain Structure and Function</i> , 2016, 221, 4203-4219.	1.2	163
4353	Real-time measurement and correction of both B0 changes and subject motion in diffusion tensor imaging using a double volumetric navigated (DvNav) sequence. <i>NeuroImage</i> , 2016, 126, 60-71.	2.1	34

#	ARTICLE	IF	CITATIONS
4354	Neural correlates of binding lyrics and melodies for the encoding of new songs. <i>NeuroImage</i> , 2016, 127, 333-345.	2.1	12
4355	White matter microstructure in ultra-high risk and first episode schizophrenia: A prospective study. <i>Psychiatry Research - Neuroimaging</i> , 2016, 247, 42-48.	0.9	30
4356	Impaired Visual Cortical Processing of Affective Facial Information in Schizophrenia. <i>Clinical Psychological Science</i> , 2016, 4, 651-660.	2.4	5
4357	Neural connectivity of alexithymia: Specific association with major depressive disorder. <i>Journal of Affective Disorders</i> , 2016, 193, 362-372.	2.0	19
4358	Graph-theoretical analysis of resting-state fMRI in pediatric obsessive-compulsive disorder. <i>Journal of Affective Disorders</i> , 2016, 193, 175-184.	2.0	47
4359	GABA content within the ventromedial prefrontal cortex is related to trait anxiety. <i>Social Cognitive and Affective Neuroscience</i> , 2016, 11, 758-766.	1.5	33
4360	Plasticity of Interhemispheric Temporal Lobe White Matter Pathways Due to Early Disruption of Corpus Callosum Development in Spina Bifida. <i>Brain Connectivity</i> , 2016, 6, 238-248.	0.8	12
4361	Structural white matter differences underlying heterogeneous learning abilities after TBI. <i>Brain Imaging and Behavior</i> , 2016, 10, 1274-1279.	1.1	5
4362	Brain activation patterns and cognitive processing speed in patients with pediatric-onset multiple sclerosis. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2016, 38, 393-403.	0.8	21
4363	The brain functional connectome is robustly altered by lack of sleep. <i>NeuroImage</i> , 2016, 127, 324-332.	2.1	107
4364	Intensive Working Memory Training Produces Functional Changes in Large-scale Frontoparietal Networks. <i>Journal of Cognitive Neuroscience</i> , 2016, 28, 575-588.	1.1	82
4365	An integrated approach to correction for off-resonance effects and subject movement in diffusion MR imaging. <i>NeuroImage</i> , 2016, 125, 1063-1078.	2.1	2,562
4366	Task-Dependent Changes in Frontal-Parietal Activation and Connectivity During Visual Search. <i>Brain Connectivity</i> , 2016, 6, 335-344.	0.8	15
4367	Reliability of Visual and Somatosensory Feedback in Skilled Movement: The Role of the Cerebellum. <i>Brain Topography</i> , 2016, 29, 27-41.	0.8	10
4368	White matter integrity of cerebellar-cortical tracts in reading impaired children: A probabilistic tractography study. <i>Brain and Language</i> , 2016, 161, 45-56.	0.8	14
4369	The Age-ility Project (Phase 1): Structural and functional imaging and electrophysiological data repository. <i>NeuroImage</i> , 2016, 124, 1137-1142.	2.1	15
4370	A wavelet-based estimator of the degrees of freedom in denoised fMRI time series for probabilistic testing of functional connectivity and brain graphs. <i>NeuroImage</i> , 2016, 142, 14-26.	2.1	80
4371	A kernel method for higher temporal resolution MRI using the partial separability (PS) model. <i>Biomedizinische Technik</i> , 2016, 61, 393-400.	0.9	0

#	ARTICLE	IF	CITATIONS
4372	The CB1 Neutral Antagonist Tetrahydrocannabivarin Reduces Default Mode Network and Increases Executive Control Network Resting State Functional Connectivity in Healthy Volunteers. <i>International Journal of Neuropsychopharmacology</i> , 2016, 19, pyv092.	1.0	38
4373	Greater sensitivity of the cortical face processing system to perceptually-equated face detection. <i>Brain Research</i> , 2016, 1631, 13-21.	1.1	3
4374	Male brain ages faster: the age and gender dependence of subcortical volumes. <i>Brain Imaging and Behavior</i> , 2016, 10, 901-910.	1.1	54
4375	Aging of the cingulum in the human brain: Preliminary study of a diffusion tensor imaging study. <i>Neuroscience Letters</i> , 2016, 610, 213-217.	1.0	17
4376	Neuroplasticity for spontaneous functional recovery after neonatal hypoxic ischemic brain injury in rats observed by functional MRI and diffusion tensor imaging. <i>NeuroImage</i> , 2016, 126, 140-150.	2.1	13
4377	Effects of Escitalopram Administration on Face Processing in Intermittent Explosive Disorder: An fMRI Study. <i>Neuropsychopharmacology</i> , 2016, 41, 590-597.	2.8	27
4378	The NITRC image repository. <i>NeuroImage</i> , 2016, 124, 1069-1073.	2.1	70
4379	Structural connectivity and response to ketamine therapy in major depression: A preliminary study. <i>Journal of Affective Disorders</i> , 2016, 190, 836-841.	2.0	44
4380	The neuroanatomy of bilingualism: how to turn a hazy view into the full picture. <i>Language, Cognition and Neuroscience</i> , 2016, 31, 303-327.	0.7	101
4381	Association of abnormal white matter integrity in the acute phase of motor vehicle accidents with post-traumatic stress disorder. <i>Journal of Affective Disorders</i> , 2016, 190, 714-722.	2.0	31
4382	Primed Physical Therapy Enhances Recovery of Upper Limb Function in Chronic Stroke Patients. <i>Neurorehabilitation and Neural Repair</i> , 2016, 30, 339-348.	1.4	59
4383	Intertemporal choice behavior is constrained by brain structure in healthy participants and pathological gamblers. <i>Brain Structure and Function</i> , 2016, 221, 3157-3170.	1.2	33
4384	Brain MRI morphological patterns extraction tool based on Extreme Learning Machine and majority vote classification. <i>Neurocomputing</i> , 2016, 174, 344-351.	3.5	19
4385	Psychological, endocrine, and neural correlates of attentional bias in subclinical depression. <i>Anxiety, Stress and Coping</i> , 2016, 29, 479-496.	1.7	16
4386	Meta-analysis of real-time fMRI neurofeedback studies using individual participant data: How is brain regulation mediated?. <i>NeuroImage</i> , 2016, 124, 806-812.	2.1	204
4387	Altered resting-state functional connectivity in cognitively preserved pediatric-onset MS patients and relationship to structural damage and cognitive performance. <i>Multiple Sclerosis Journal</i> , 2016, 22, 792-800.	1.4	20
4388	Association between baseline peri-infarct magnetic resonance spectroscopy and regional white matter atrophy after stroke. <i>Neuroradiology</i> , 2016, 58, 3-10.	1.1	8
4389	Analysis of infant cortical synchrony is constrained by the number of recording electrodes and the recording montage. <i>Clinical Neurophysiology</i> , 2016, 127, 310-323.	0.7	27

#	ARTICLE	IF	CITATIONS
4390	Tuning to Binaural Cues in Human Auditory Cortex. JARO - Journal of the Association for Research in Otolaryngology, 2016, 17, 37-53.	0.9	34
4391	Neural structures involved in visual search guidance by reward-enhanced contextual cueing of the target location. NeuroImage, 2016, 124, 887-897.	2.1	25
4392	The Reference Ability Neural Network Study: Life-time stability of reference-ability neural networks derived from task maps of young adults. NeuroImage, 2016, 125, 693-704.	2.1	45
4393	The impact of quality assurance assessment on diffusion tensor imaging outcomes in a large-scale population-based cohort. NeuroImage, 2016, 125, 903-919.	2.1	202
4394	Fair play: social norm compliance failures in behavioural variant frontotemporal dementia. Brain, 2016, 139, 204-216.	3.7	64
4395	Structural and functional neuroplasticity in human learning of spatial routes. NeuroImage, 2016, 125, 256-266.	2.1	48
4396	Altered thalamocortical and intra-thalamic functional connectivity during light sleep compared with wake. NeuroImage, 2016, 125, 657-667.	2.1	41
4397	Specific cerebellar and cortical degeneration correlates with ataxia severity in spinocerebellar ataxia type 7. Brain Imaging and Behavior, 2016, 10, 252-257.	1.1	28
4398	Asymmetric Weighting to Optimize Regional Sensitivity in Combined fMRI-MEG Maps. Brain Topography, 2016, 29, 1-12.	0.8	5
4399	Decoding the direction of imagined visual motion using 7 T ultra-high field fMRI. NeuroImage, 2016, 125, 61-73.	2.1	38
4400	Lateralization of cervical spinal cord activity during an isometric upper extremity motor task with functional magnetic resonance imaging. NeuroImage, 2016, 125, 233-243.	2.1	48
4401	Preschoolers' brains rely on semantic cues prior to the mastery of syntax during sentence comprehension. NeuroImage, 2016, 126, 256-266.	2.1	33
4402	Changes in white matter microstructure in the developing brain—A longitudinal diffusion tensor imaging study of children from 4 to 11 years of age. NeuroImage, 2016, 124, 473-486.	2.1	160
4403	The contribution of geometry to the human connectome. NeuroImage, 2016, 124, 379-393.	2.1	181
4404	Diffusion tensor magnetic resonance imaging in very early onset pediatric multiple sclerosis. Multiple Sclerosis Journal, 2016, 22, 620-627.	1.4	19
4405	Enhanced control of dorsolateral prefrontal cortex neurophysiology with real-time functional magnetic resonance imaging (rt-fMRI) neurofeedback training and working memory practice. NeuroImage, 2016, 124, 214-223.	2.1	78
4406	Differences in the resting-state fMRI global signal amplitude between the eyes open and eyes closed states are related to changes in EEG vigilance. NeuroImage, 2016, 124, 24-31.	2.1	107
4407	Progression of MRI markers in cerebral small vessel disease: Sample size considerations for clinical trials. Journal of Cerebral Blood Flow and Metabolism, 2016, 36, 228-240.	2.4	85

#	ARTICLE	IF	CITATIONS
4408	Are morphological changes necessary to mediate the therapeutic effects of electroconvulsive therapy?. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2016, 266, 261-267.	1.8	30
4409	Abnormal prefrontal cortex resting state functional connectivity and severity of internet gaming disorder. <i>Brain Imaging and Behavior</i> , 2016, 10, 719-729.	1.1	85
4410	Structural and functional neural correlates of self-reported attachment in healthy adults: evidence for an amygdalar involvement. <i>Brain Imaging and Behavior</i> , 2016, 10, 941-952.	1.1	17
4411	Trial-level information for individual faces in the fusiform face area depends on subsequent memory. <i>NeuroImage</i> , 2016, 124, 526-535.	2.1	16
4412	Injury of the corticobulbar tract in patients with dysarthria following cerebral infarct: diffusion tensor tractography study. <i>International Journal of Neuroscience</i> , 2016, 126, 361-365.	0.8	14
4413	Cardiorespiratory fitness and white matter integrity in Alzheimer's disease. <i>Brain Imaging and Behavior</i> , 2016, 10, 660-668.	1.1	16
4414	Longitudinal assessment of fractional anisotropy alterations caused by simian immunodeficiency virus infection: a preliminary diffusion tensor imaging study. <i>Journal of NeuroVirology</i> , 2016, 22, 231-239.	1.0	11
4415	Meyer's loop asymmetry and language lateralisation in epilepsy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, 836-842.	0.9	22
4416	The Association of Glucose Metabolism and Eigenvector Centrality in Alzheimer's Disease. <i>Brain Connectivity</i> , 2016, 6, 1-8.	0.8	18
4417	Differences in effective connectivity between children with dyslexia, monocular vision and typically developing readers: A DTI study. <i>Biomedical Signal Processing and Control</i> , 2016, 23, 19-27.	3.5	1
4418	Problematic internet use is associated with structural alterations in the brain reward system in females. <i>Brain Imaging and Behavior</i> , 2016, 10, 953-959.	1.1	27
4419	The Core Brain Region for Face Processing in Schizophrenia Lacks Face Selectivity. <i>Schizophrenia Bulletin</i> , 2016, 42, 666-674.	2.3	14
4420	Age exacerbates HIV-associated white matter abnormalities. <i>Journal of NeuroVirology</i> , 2016, 22, 201-212.	1.0	69
4421	White matter microstructure mediates the relationship between cardiorespiratory fitness and spatial working memory in older adults. <i>NeuroImage</i> , 2016, 131, 91-101.	2.1	110
4422	Altered processing of self-related emotional stimuli in mindfulness meditators. <i>NeuroImage</i> , 2016, 124, 958-967.	2.1	40
4423	Analysis of correlation between white matter changes and functional responses in thalamic stroke: a DTI & EEG study. <i>Brain Imaging and Behavior</i> , 2016, 10, 424-436.	1.1	13
4424	Numeric Investigation of Brain Tumor Influence on the Current Distributions During Transcranial Direct Current Stimulation. <i>IEEE Transactions on Biomedical Engineering</i> , 2016, 63, 176-187.	2.5	18
4425	Brain structural deficits and working memory fMRI dysfunction in young adults who were diagnosed with ADHD in adolescence. <i>European Child and Adolescent Psychiatry</i> , 2016, 25, 529-538.	2.8	30

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4426	Mathematical abilities in dyslexic children: a diffusion tensor imaging study. <i>Brain Imaging and Behavior</i> , 2016, 10, 781-791.	1.1	17
4427	Effects of dexamphetamine-induced dopamine release on resting-state network connectivity in recreational amphetamine users and healthy controls. <i>Brain Imaging and Behavior</i> , 2016, 10, 548-558.	1.1	30
4428	Discrete Neural Signatures of Basic Emotions. <i>Cerebral Cortex</i> , 2016, 26, 2563-2573.	1.6	303
4429	Narcissism is associated with weakened frontostriatal connectivity: a DTI study. <i>Social Cognitive and Affective Neuroscience</i> , 2016, 11, 1036-1040.	1.5	27
4430	Neural systems for social cognition: gray matter volume abnormalities in boys at high genetic risk of autism symptoms, and a comparison with idiopathic autism spectrum disorder. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2016, 266, 523-531.	1.8	9
4431	Amygdala, Hippocampus, and Ventral Medial Prefrontal Cortex Volumes Differ in Maltreated Youth with and without Chronic Posttraumatic Stress Disorder. <i>Neuropsychopharmacology</i> , 2016, 41, 791-801.	2.8	179
4432	Individual differences in resting-state functional connectivity with the executive network: support for a cerebellar role in anxiety vulnerability. <i>Brain Structure and Function</i> , 2016, 221, 3081-3093.	1.2	41
4433	Cerebral functional connectivity periodically (de)synchronizes with anatomical constraints. <i>Brain Structure and Function</i> , 2016, 221, 2985-2997.	1.2	76
4434	Prefrontal Amygdala Dysregulation to Threat in Pediatric Posttraumatic Stress Disorder. <i>Neuropsychopharmacology</i> , 2016, 41, 822-831.	2.8	115
4435	Dissociation of Neural Networks for Predisposition and for Training-Related Plasticity in Auditory-Motor Learning. <i>Cerebral Cortex</i> , 2016, 26, 3125-3134.	1.6	79
4436	Test-retest reliability of high angular resolution diffusion imaging acquisition within medial temporal lobe connections assessed via tract based spatial statistics, probabilistic tractography and a novel graph theory metric. <i>Brain Imaging and Behavior</i> , 2016, 10, 533-547.	1.1	13
4437	Combined analysis of global and compartmental brain volume changes in early multiple sclerosis in clinical practice. <i>Multiple Sclerosis Journal</i> , 2016, 22, 340-346.	1.4	13
4438	Is Traumatic Brain Injury Associated with Reduced Inter-Hemispheric Functional Connectivity? A Study of Large-Scale Resting State Networks following Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2016, 33, 977-989.	1.7	47
4439	Association of white matter hyperintensities and gray matter volume with cognition in older individuals without cognitive impairment. <i>Brain Structure and Function</i> , 2016, 221, 2135-2146.	1.2	82
4440	BIL&GIN: A neuroimaging, cognitive, behavioral, and genetic database for the study of human brain lateralization. <i>NeuroImage</i> , 2016, 124, 1225-1231.	2.1	81
4441	Corticospinal tract integrity measured using transcranial magnetic stimulation and magnetic resonance imaging in neuromyelitis optica and multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2016, 22, 43-50.	1.4	17
4442	Testing a dual-systems model of adolescent brain development using resting-state connectivity analyses. <i>NeuroImage</i> , 2016, 124, 409-420.	2.1	107
4443	Mild Cognitive Impairment is Associated With White Matter Integrity Changes in Late-Myelinating Regions Within the Corpus Callosum. <i>American Journal of Alzheimer's Disease and Other Dementias</i> , 2016, 31, 68-75.	0.9	22

#	ARTICLE	IF	CITATIONS
4444	Quantitative and functional pulsed arterial spin labeling in the human brain at 9.4%. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 1054-1063.	1.9	23
4445	Regional Volumetric Differences Based on Structural MRI in Children With Two Subtypes of ADHD and Controls. <i>Journal of Attention Disorders</i> , 2017, 21, 1040-1049.	1.5	18
4446	The Corticocortical Structural Connectivity of the Human Insula. <i>Cerebral Cortex</i> , 2017, 27, 1216-1228.	1.6	210
4447	Cognitive dysfunction and symptom burden in women treated for breast cancer: a prospective behavioral and fMRI analysis. <i>Brain Imaging and Behavior</i> , 2017, 11, 86-97.	1.1	58
4448	Surface-based brain morphometry and diffusion tensor imaging in schizoaffective disorder. <i>Australian and New Zealand Journal of Psychiatry</i> , 2017, 51, 42-54.	1.3	11
4449	The Cambridge Centre for Ageing and Neuroscience (Cam-CAN) data repository: Structural and functional MRI, MEG, and cognitive data from a cross-sectional adult lifespan sample. <i>NeuroImage</i> , 2017, 144, 262-269.	2.1	487
4450	Altered white matter integrity in whole brain and segments of corpus callosum, in young social drinkers with binge drinking pattern. <i>Addiction Biology</i> , 2017, 22, 490-501.	1.4	39
4451	Anisotropic cerebral vascular architecture causes orientation dependency in cerebral blood flow and volume measured with dynamic susceptibility contrast magnetic resonance imaging. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 1108-1119.	2.4	25
4452	Semisupervised Triple Dictionary Learning for Standard-Dose PET Image Prediction Using Low-Dose PET and Multimodal MRI. <i>IEEE Transactions on Biomedical Engineering</i> , 2017, 64, 569-579.	2.5	72
4453	White matter hyperintensity microstructure in amyloid dysmetabolism. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 356-365.	2.4	28
4454	Pain modulation is affected differently in medication-overuse headache and chronic myofascial pain – A multimodal MRI study. <i>Cephalalgia</i> , 2017, 37, 764-779.	1.8	29
4455	Acute White Matter Tract Damage after Frontal Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2017, 34, 291-299.	1.7	41
4456	Multi-parametric quantitative MRI of normal appearing white matter in multiple sclerosis, and the effect of disease activity on T2. <i>Brain Imaging and Behavior</i> , 2017, 11, 744-753.	1.1	32
4457	A Multimodal Structural and Functional Neuroimaging Study of Amnesic Mild Cognitive Impairment. <i>American Journal of Geriatric Psychiatry</i> , 2017, 25, 158-169.	0.6	31
4458	Non redundant functional brain connectivity in schizophrenia. <i>Brain Imaging and Behavior</i> , 2017, 11, 552-564.	1.1	16
4459	Functional connectivity associated with social networks in older adults: A resting-state fMRI study. <i>Social Neuroscience</i> , 2017, 12, 242-252.	0.7	29
4460	3D cerebral MR image segmentation using multiple-classifier system. <i>Medical and Biological Engineering and Computing</i> , 2017, 55, 353-364.	1.6	17
4461	The European DTI Study on Dementia – A multicenter DTI and MRI study on Alzheimer's disease and Mild Cognitive Impairment. <i>NeuroImage</i> , 2017, 144, 305-308.	2.1	33

#	ARTICLE	IF	CITATIONS
4462	Executive function in paediatric medulloblastoma: The role of cerebrocerebellar connections. <i>Journal of Neuropsychology</i> , 2017, 11, 174-200.	0.6	39
4463	White Matter Tract Injury is Associated with Deep Gray Matter Iron Deposition in Multiple Sclerosis. <i>Journal of Neuroimaging</i> , 2017, 27, 107-113.	1.0	25
4464	Magnetic susceptibility-induced echo-time shifts: Is there a bias in age-related fMRI studies?. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 45, 207-214.	1.9	5
4465	Evaluation of brain ageing: a quantitative longitudinal MRI study over 7Âyears. <i>European Radiology</i> , 2017, 27, 1568-1576.	2.3	25
4466	An improved anatomical MRI technique with suppression of fixative fluid artifacts for the investigation of human postmortem brain phantoms. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 1115-1123.	1.9	1
4467	Rapid and robust variable flip angle T1mapping using interleaved two-dimensional multislice spoiled gradient echo imaging. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 1606-1611.	1.9	3
4468	Tracking Dynamic Interactions Between Structural and Functional Connectivity: A TMS/EEG-dMRI Study. <i>Brain Connectivity</i> , 2017, 7, 84-97.	0.8	23
4469	Independent Neural Computation of Value from Other People's Confidence. <i>Journal of Neuroscience</i> , 2017, 37, 673-684.	1.7	3
4470	Evaluation of deep gray matter volume, cortical thickness and white matter integrity in patients with typical absence epilepsy: a study using voxelwise-based techniques. <i>Neuroradiology</i> , 2017, 59, 237-245.	1.1	10
4471	Alterations of functional connectivity and intrinsic activity within the cingulate cortex of suicidal ideators. <i>Journal of Affective Disorders</i> , 2017, 212, 78-85.	2.0	63
4472	The effect of acquisition resolution on orientation decoding from V1 BOLD fMRI at 7 T. <i>NeuroImage</i> , 2017, 148, 64-76.	2.1	20
4473	Early-Life Nutrition and Neurodevelopment: Use of the Piglet as a Translational Model. <i>Advances in Nutrition</i> , 2017, 8, 92-104.	2.9	84
4474	White matter predicts functional connectivity in premanifest Huntington's disease. <i>Annals of Clinical and Translational Neurology</i> , 2017, 4, 106-118.	1.7	38
4475	Clinical impact of intraoperative CCEP monitoring in evaluating the dorsal language white matter pathway. <i>Human Brain Mapping</i> , 2017, 38, 1977-1991.	1.9	58
4476	Relationship between individual differences in functional connectivity and facial-emotion recognition abilities in adults with traumatic brain injury. <i>NeuroImage: Clinical</i> , 2017, 13, 370-377.	1.4	25
4477	Alterations of white matter structural networks in patients with non-neuropsychiatric systemic lupus erythematosus identified by probabilistic tractography and connectivity-based analyses. <i>NeuroImage: Clinical</i> , 2017, 13, 349-360.	1.4	14
4478	White matter integrity and symptom dimensions of schizophrenia: A diffusion tensor imaging study. <i>Schizophrenia Research</i> , 2017, 184, 59-68.	1.1	50
4479	Individual differences in children's global motion sensitivity correlate with TBSS-based measures of the superior longitudinal fasciculus. <i>Vision Research</i> , 2017, 141, 145-156.	0.7	24

#	ARTICLE	IF	CITATIONS
4480	Quantitative quality assurance in a multicenter HARDI clinical trial at 3 T. <i>Magnetic Resonance Imaging</i> , 2017, 35, 81-90.	1.0	13
4481	An M-estimator for reduced-rank system identification. <i>Pattern Recognition Letters</i> , 2017, 86, 76-81.	2.6	6
4482	Volume of subclinical embolic infarct correlates to long-term cognitive changes after carotid revascularization. <i>Journal of Vascular Surgery</i> , 2017, 65, 686-694.	0.6	48
4483	Cortical Thickness and Microstructural White Matter Changes Detect Amnesic Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2017, 56, 415-428.	1.2	21
4484	Neural correlates of response inhibition in current and former smokers. <i>Behavioural Brain Research</i> , 2017, 319, 207-218.	1.2	23
4485	Risky Decision Making in Neurofibromatosis Type 1: An Exploratory Study. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017, 2, 170-179.	1.1	2
4486	Frontoparietal activation during visual conjunction search: Effects of bottom-up guidance and adult age. <i>Human Brain Mapping</i> , 2017, 38, 2128-2149.	1.9	18
4487	Anomalous diffusion in cerebral glioma assessed using a fractional motion model. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 1944-1949.	1.9	11
4488	Group-focused morality is associated with limited conflict detection and resolution capacity: Neuroanatomical evidence. <i>Biological Psychology</i> , 2017, 123, 235-240.	1.1	12
4489	Image-based gradient non-linearity characterization to determine higher-order spherical harmonic coefficients for improved spatial position accuracy in magnetic resonance imaging. <i>Magnetic Resonance Imaging</i> , 2017, 38, 54-62.	1.0	19
4490	Dynamic association between perfusion and white matter integrity across time since injury in Veterans with history of TBI. <i>NeuroImage: Clinical</i> , 2017, 14, 308-315.	1.4	31
4491	Neurite density index is sensitive to age related differences in the developing brain. <i>NeuroImage</i> , 2017, 148, 373-380.	2.1	101
4492	Structural changes in functionally illiterate adults after intensive training. <i>Neuroscience</i> , 2017, 344, 229-242.	1.1	18
4493	Diffusion Tensor Imaging MRI With Spin-Echo Sequence and Long-Duration Measurement for Evaluation of Renal Fibrosis in a Rat Fibrosis Model. <i>Transplantation Proceedings</i> , 2017, 49, 145-152.	0.3	12
4494	Algorithm for the identification of resting state independent networks in fMRI. <i>Proceedings of SPIE</i> , 2017, . .	0.8	0
4495	Altered amplitude of low frequency fluctuations in schizophrenia patients with persistent auditory verbal hallucinations. <i>Schizophrenia Research</i> , 2017, 189, 97-103.	1.1	43
4496	Gray matter heritability in family-based and population-based studies using voxel-based morphometry. <i>Human Brain Mapping</i> , 2017, 38, 2408-2423.	1.9	9
4497	Putamen development in children 12 to 21 months old. <i>Proceedings of SPIE</i> , 2017, 10160, .	0.8	4

#	ARTICLE	IF	CITATIONS
4498	Biomarkers for Musculoskeletal Pain Conditions: Use of Brain Imaging and Machine Learning. <i>Current Rheumatology Reports</i> , 2017, 19, 5.	2.1	43
4499	Structural Connectivity Variances Underlie Functional and Behavioral Changes During Pain Relief Induced by Neuromodulation. <i>Scientific Reports</i> , 2017, 7, 41603.	1.6	54
4500	Technical Note: A safe, cheap, and easy-to-use isotropic diffusion MRI phantom for clinical and multicenter studies. <i>Medical Physics</i> , 2017, 44, 1063-1070.	1.6	12
4501	I know I've seen you before: Distinguishing recent-single-exposure-based familiarity from pre-existing familiarity. <i>Brain Research</i> , 2017, 1658, 11-24.	1.1	8
4502	Nalmefene Reduces Reward Anticipation in Alcohol Dependence: An Experimental Functional Magnetic Resonance Imaging Study. <i>Biological Psychiatry</i> , 2017, 81, 941-948.	0.7	32
4503	Disrupted global metastability and static and dynamic brain connectivity across individuals in the Alzheimer's disease continuum. <i>Scientific Reports</i> , 2017, 7, 40268.	1.6	94
4504	Empathy and aversion: the neural signature of mentalizing in Tourette syndrome. <i>Psychological Medicine</i> , 2017, 47, 507-517.	2.7	40
4505	A test-retest reliability analysis of diffusion measures of white matter tracts relevant for cognitive control. <i>Psychophysiology</i> , 2017, 54, 24-33.	1.2	31
4506	Automated tractography in patients with temporal lobe epilepsy using TRActs Constrained by Underlying Anatomy (TRACULA). <i>NeuroImage: Clinical</i> , 2017, 14, 67-76.	1.4	30
4507	Connectivity of the Cingulate Sulcus Visual Area (CSv) in the Human Cerebral Cortex. <i>Cerebral Cortex</i> , 2018, 28, 713-725.	1.6	31
4508	White matter changes in microstructure associated with a maladaptive response to stress in rats. <i>Translational Psychiatry</i> , 2017, 7, e1009-e1009.	2.4	27
4509	Cortical Correlates of the Auditory Frequency-Following and Onset Responses: EEG and fMRI Evidence. <i>Journal of Neuroscience</i> , 2017, 37, 830-838.	1.7	5
4510	Influence of age and cognitive performance on resting-state brain networks of older adults in a population-based cohort. <i>Cortex</i> , 2017, 89, 28-44.	1.1	53
4511	The Potential for Advanced Magnetic Resonance Neuroimaging Techniques in Pediatric Stroke Research. <i>Pediatric Neurology</i> , 2017, 69, 24-36.	1.0	8
4512	A methodology for assessing deployment trauma and its consequences in OEF/OIF/OND veterans: The TRACTS longitudinal prospective cohort study. <i>International Journal of Methods in Psychiatric Research</i> , 2017, 26, .	1.1	96
4513	Heterogeneous fractionation profiles of meta-analytic coactivation networks. <i>NeuroImage</i> , 2017, 149, 424-435.	2.1	6
4514	Elevated Choline-Containing Compound Levels in Rapid Cycling Bipolar Disorder. <i>Neuropsychopharmacology</i> , 2017, 42, 2252-2258.	2.8	16
4515	Spatiotemporal microstructural white matter changes in diffusion tensor imaging after transient focal ischemic stroke in rats. <i>NMR in Biomedicine</i> , 2017, 30, e3704.	1.6	17

#	ARTICLE	IF	CITATIONS
4516	Evidence for alterations of the right inferior and superior longitudinal fasciculi in patients with social anxiety disorder. <i>Brain Research</i> , 2017, 1662, 16-22.	1.1	10
4517	Creating Colored Letters: Familial Markers of Grapheme-Color Synesthesia in Parietal Lobe Activation and Structure. <i>Journal of Cognitive Neuroscience</i> , 2017, 29, 1239-1252.	1.1	9
4518	Steeper Slope of Age-Related Changes in White Matter Microstructure and Processing Speed in Bipolar Disorder. <i>American Journal of Geriatric Psychiatry</i> , 2017, 25, 744-752.	0.6	22
4519	The social brain network in 22q11.2 deletion syndrome: a diffusion tensor imaging study. <i>Behavioral and Brain Functions</i> , 2017, 13, 4.	1.4	28
4520	Hemispheric asymmetry in myelin after stroke is related to motor impairment and function. <i>NeuroImage: Clinical</i> , 2017, 14, 344-353.	1.4	23
4521	Anomalous White Matter Structure and the Effect of Age in Down Syndrome Patients. <i>Journal of Alzheimer's Disease</i> , 2017, 57, 61-70.	1.2	32
4522	Delayed stabilization and individualization in connectome development are related to psychiatric disorders. <i>Nature Neuroscience</i> , 2017, 20, 513-515.	7.1	197
4523	Peripheral nerve diffusion tensor imaging as a measure of disease progression in ALS. <i>Journal of Neurology</i> , 2017, 264, 882-890.	1.8	23
4524	Bilingualism modulates the white matter structure of language-related pathways. <i>NeuroImage</i> , 2017, 152, 249-257.	2.1	51
4525	Mnemonic Training Reshapes Brain Networks to Support Superior Memory. <i>Neuron</i> , 2017, 93, 1227-1235.e6.	3.8	140
4526	Reason's Enemy Is Not Emotion: Engagement of Cognitive Control Networks Explains Biases in Gain/Loss Framing. <i>Journal of Neuroscience</i> , 2017, 37, 3588-3598.	1.7	32
4527	Lateralized occipital degeneration in posterior cortical atrophy predicts visual field deficits. <i>NeuroImage: Clinical</i> , 2017, 14, 242-249.	1.4	31
4528	Brain correlates of memory reconsolidation: A role for the TPJ. <i>Neurobiology of Learning and Memory</i> , 2017, 142, 154-161.	1.0	16
4529	The NCAM1 gene set is linked to depressive symptoms and their brain structural correlates in healthy individuals. <i>Journal of Psychiatric Research</i> , 2017, 91, 116-123.	1.5	14
4530	The Relationship of Three-Dimensional Human Skull Motion to Brain Tissue Deformation in Magnetic Resonance Elastography Studies. <i>Journal of Biomechanical Engineering</i> , 2017, 139, .	0.6	25
4531	Developmental phonagnosia: Linking neural mechanisms with the behavioural phenotype. <i>NeuroImage</i> , 2017, 155, 97-112.	2.1	17
4532	Reproducibility of tract-based white matter microstructural measures using the <sc>ENIGMA</sc> DTI protocol. <i>Brain and Behavior</i> , 2017, 7, e00615.	1.0	43
4533	Brain translocator protein occupancy by ONO-2952 in healthy adults: A Phase 1 PET study using [¹¹ C]PBR28. <i>Synapse</i> , 2017, 71, e21970.	0.6	7

#	ARTICLE	IF	CITATIONS
4534	Mutations in DCC cause isolated agenesis of the corpus callosum with incomplete penetrance. <i>Nature Genetics</i> , 2017, 49, 511-514.	9.4	69
4535	A neural model of valuation and information virality. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 2881-2886.	3.3	103
4536	Normal-appearing white matter demyelination in neuromyelitis optica spectrum disorder. <i>European Journal of Neurology</i> , 2017, 24, 652-658.	1.7	24
4537	White Matter Tract Pathology in Pediatric Anoxic Brain Injury from Drowning. <i>American Journal of Neuroradiology</i> , 2017, 38, 814-819.	1.2	9
4538	Gray and white matter correlates of the Big Five personality traits. <i>Neuroscience</i> , 2017, 349, 174-184.	1.1	76
4539	Heavy Prenatal Alcohol Exposure is Related to Smaller Corpus Callosum in Newborn <scp>MRI</scp> Scans. <i>Alcoholism: Clinical and Experimental Research</i> , 2017, 41, 965-975.	1.4	62
4540	Utility of gray-matter segmentation of ictal-Interictal perfusion SPECT and interictal 18 F-FDG-PET in medically refractory epilepsy. <i>Epilepsy Research</i> , 2017, 130, 93-100.	0.8	20
4541	On the mechanical behaviour of PEEK and HA cranial implants under impact loading. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2017, 69, 342-354.	1.5	70
4542	Hlgh b-value and high Resolution Integrated Diffusion (HIBRID) imaging. <i>NeuroImage</i> , 2017, 150, 162-176.	2.1	24
4543	Structural white matter and functional connectivity alterations in patients with shoulder apprehension. <i>Scientific Reports</i> , 2017, 7, 42327.	1.6	11
4544	Dissociable frontostriatal white matter connectivity underlies reward and motor impulsivity. <i>NeuroImage</i> , 2017, 150, 336-343.	2.1	43
4545	Pattern of gray matter volumes related to retinal thickness and its association with cognitive function in relapsing-remitting <scp>MS</scp>. <i>Brain and Behavior</i> , 2017, 7, e00614.	1.0	23
4546	Utility of the cumulative stress and mismatch hypotheses in understanding the neurobiological impacts of childhood abuse and recent stress in youth with emerging mental disorder. <i>Human Brain Mapping</i> , 2017, 38, 2709-2721.	1.9	16
4547	Cocaine dependence does not contribute substantially to white matter abnormalities in HIV infection. <i>Journal of NeuroVirology</i> , 2017, 23, 441-450.	1.0	13
4548	Further support for association between GWAS variant for positive emotion and reward systems. <i>Translational Psychiatry</i> , 2017, 7, e1018-e1018.	2.4	9
4549	Distinct Frontoparietal Networks Underlying Attentional Effort and Cognitive Control. <i>Journal of Cognitive Neuroscience</i> , 2017, 29, 1212-1225.	1.1	27
4550	How does the body representation system develop in the human brain?. <i>Developmental Cognitive Neuroscience</i> , 2017, 24, 118-128.	1.9	25
4551	Cortical plasticity after brachial plexus injury and repair: a resting-state functional MRI study. <i>Neurosurgical Focus</i> , 2017, 42, E14.	1.0	33

#	ARTICLE	IF	CITATIONS
4552	Machine learning based compartment models with permeability for white matter microstructure imaging. <i>NeuroImage</i> , 2017, 150, 119-135.	2.1	70
4553	A change in brain white matter after shunt surgery in idiopathic normal pressure hydrocephalus: a tract-based spatial statistics study. <i>Fluids and Barriers of the CNS</i> , 2017, 14, 1.	2.4	29
4554	Network-level assessment of reward-related activation in patients with ADHD and healthy individuals. <i>Human Brain Mapping</i> , 2017, 38, 2359-2369.	1.9	30
4555	The diminishing dominance of the dominant hemisphere: Language fMRI in focal epilepsy. <i>NeuroImage: Clinical</i> , 2017, 14, 141-150.	1.4	32
4556	Structural and Functional Abnormalities in Children with Attention-Deficit/Hyperactivity Disorder: A Focus on Subgenual Anterior Cingulate Cortex. <i>Brain Connectivity</i> , 2017, 7, 106-114.	0.8	24
4557	Atlas construction of cardiac fiber architecture using a multimodal registration approach. <i>Neurocomputing</i> , 2017, 259, 219-225.	3.5	5
4558	Does IHH Alter Brain Microstructures? A DTI-Based Approach. <i>Headache</i> , 2017, 57, 746-755.	1.8	12
4559	Increased sensitivity to age-related differences in brain functional connectivity during continuous multiple object tracking compared to resting-state. <i>NeuroImage</i> , 2017, 148, 364-372.	2.1	19
4560	Probabilistic vs. deterministic fiber tracking and the influence of different seed regions to delineate cerebellar-thalamic fibers in deep brain stimulation. <i>European Journal of Neuroscience</i> , 2017, 45, 1623-1633.	1.2	48
4561	Thalamocortical connectivity in major depressive disorder. <i>Journal of Affective Disorders</i> , 2017, 217, 125-131.	2.0	70
4562	Identifying the white matter impairments among ART-naïve HIV patients: a multivariate pattern analysis of DTI data. <i>European Radiology</i> , 2017, 27, 4153-4162.	2.3	46
4563	Validation of a Regression Technique for Segmentation of White Matter Hyperintensities in Alzheimer's Disease. <i>IEEE Transactions on Medical Imaging</i> , 2017, 36, 1758-1768.	5.4	85
4564	Effect of induced high myopia on functional MRI signal changes. <i>Physica Medica</i> , 2017, 37, 32-36.	0.4	7
4565	Active Avoidance: Neural Mechanisms and Attenuation of Pavlovian Conditioned Responding. <i>Journal of Neuroscience</i> , 2017, 37, 4808-4818.	1.7	94
4566	Cognitive subtypes of probable Alzheimer's disease robustly identified in four cohorts. <i>Alzheimer's and Dementia</i> , 2017, 13, 1226-1236.	0.4	59
4567	Oropharyngeal dysphagia in secondary normal pressure hydrocephalus due to corticobulbar tract compression: cases series and review of literature. <i>Acta Neurochirurgica</i> , 2017, 159, 1005-1011.	0.9	7
4568	Simultaneous Time Interleaved MultiSlice (STIMS) for Rapid Susceptibility Weighted acquisition. <i>NeuroImage</i> , 2017, 155, 577-586.	2.1	21
4569	A novel weight determination method for time series data aggregation. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2017, 482, 42-55.	1.2	2

#	ARTICLE	IF	CITATIONS
4570	Imaging genetics approach to Parkinson's disease and its correlation with clinical score. <i>Scientific Reports</i> , 2017, 7, 46700.	1.6	12
4571	Distractor-resistant Short-Term Memory Is Supported by Transient Changes in Neural Stimulus Representations. <i>Journal of Cognitive Neuroscience</i> , 2017, 29, 1547-1565.	1.1	11
4572	Spinal cord injury induces widespread chronic changes in cerebral white matter. <i>Human Brain Mapping</i> , 2017, 38, 3637-3647.	1.9	18
4573	White matter microstructural abnormalities and their association with anticipatory anhedonia in depression. <i>Psychiatry Research - Neuroimaging</i> , 2017, 264, 29-34.	0.9	40
4574	Body mass index associates with white matter microstructure in bipolar depression. <i>Bipolar Disorders</i> , 2017, 19, 116-127.	1.1	25
4575	Improved 7 Tesla resting-state fMRI connectivity measurements by cluster-based modeling of respiratory volume and heart rate effects. <i>NeuroImage</i> , 2017, 153, 262-272.	2.1	14
4576	Sex differences in frontal lobe connectivity in adults with autism spectrum conditions. <i>Translational Psychiatry</i> , 2017, 7, e1090-e1090.	2.4	33
4577	Predictors of Naltrexone Response in a Randomized Trial: Reward-Related Brain Activation, OPRM1 Genotype, and Smoking Status. <i>Neuropsychopharmacology</i> , 2017, 42, 2640-2653.	2.8	82
4578	Repeatability of graph theoretical metrics derived from resting-state functional networks in paediatric epilepsy patients. <i>British Journal of Radiology</i> , 2017, 90, 20160656.	1.0	9
4579	Diffusion Tensor Tractography for Detection of Concomitant Traumatic Brain Injury in Patients With Traumatic Spinal Cord Injury. <i>Journal of Head Trauma Rehabilitation</i> , 2017, 32, E44-E49.	1.0	4
4580	Does One Year of Schooling Improve Children's Cognitive Control and Alter Associated Brain Activation?. <i>Psychological Science</i> , 2017, 28, 967-978.	1.8	66
4581	Night sleep influences white matter microstructure in bipolar depression. <i>Journal of Affective Disorders</i> , 2017, 218, 380-387.	2.0	17
4582	A geometrically adjustable receive array for imaging marmoset cohorts. <i>NeuroImage</i> , 2017, 156, 78-86.	2.1	14
4583	Differential involvement of corticospinal tract (CST) fibers in UMN-predominant ALS patients with or without CST hyperintensity: A diffusion tensor tractography study. <i>NeuroImage: Clinical</i> , 2017, 14, 574-579.	1.4	22
4584	The impact of common dopamine D2 receptor gene polymorphisms on D2/3 receptor availability: C957T as a key determinant in putamen and ventral striatum. <i>Translational Psychiatry</i> , 2017, 7, e1091-e1091.	2.4	35
4585	Characterization of Extensive Microstructural Variations Associated with Punctate White Matter Lesions in Preterm Neonates. <i>American Journal of Neuroradiology</i> , 2017, 38, 1228-1234.	1.2	14
4586	Consistency of Regions of Interest as nodes of fMRI functional brain networks. <i>Network Neuroscience</i> , 2017, 1, 254-274.	1.4	44
4587	Ultrasonic effect on RuO ₂ nanostructures prepared by direct calcination of two new Ru(II)-organic supramolecular polymers. <i>Ultrasonics Sonochemistry</i> , 2017, 39, 420-429.	3.8	17

#	ARTICLE	IF	CITATIONS
4588	Language ability in preterm children is associated with arcuate fasciculi microstructure at term. <i>Human Brain Mapping</i> , 2017, 38, 3836-3847.	1.9	40
4589	Functional modular architecture underlying attentional control in aging. <i>NeuroImage</i> , 2017, 155, 257-270.	2.1	28
4590	Modality-independent encoding of individual concepts in the left parietal cortex. <i>Neuropsychologia</i> , 2017, 105, 39-49.	0.7	28
4591	Patterns of white matter microstructure in individuals at ultra-high-risk for psychosis: associations to level of functioning and clinical symptoms. <i>Psychological Medicine</i> , 2017, 47, 2689-2707.	2.7	32
4592	Using DTI to assess white matter microstructure in cerebral small vessel disease (SVD) in multicentre studies. <i>Clinical Science</i> , 2017, 131, 1361-1373.	1.8	76
4593	Long-Term Neuropathological Changes Associated with Cerebral Palsy in a Nonhuman Primate Model of Hypoxic-Ischemic Encephalopathy. <i>Developmental Neuroscience</i> , 2017, 39, 124-140.	1.0	30
4594	Volumetric analysis of MR images for glioma classification and their effect on brain tissues. <i>Signal, Image and Video Processing</i> , 2017, 11, 1337-1345.	1.7	12
4595	Magnetic Resonance Relaxation Anisotropy: Physical Principles and Uses in Microstructure Imaging. <i>Biophysical Journal</i> , 2017, 112, 1517-1528.	0.2	26
4596	Resting-state connectivity and modulated somatomotor and default-mode networks in Huntington disease. <i>CNS Neuroscience and Therapeutics</i> , 2017, 23, 488-497.	1.9	19
4597	Utilizing brain measures for large-scale classification of autism applying EPIC. <i>Proceedings of SPIE</i> , 2017, , .	0.8	0
4598	Stereoencephalography Using Magnetic Resonance Angiography for Avascular Trajectory Planning: Technical Report. <i>Neurosurgery</i> , 2017, 81, 688-695.	0.6	18
4599	Susceptibility-sensitive MRI of multiple sclerosis lesions and the impact of normal-appearing white matter changes. <i>NMR in Biomedicine</i> , 2017, 30, e3727.	1.6	39
4600	Hippocampus Segmentation Based on Local Linear Mapping. <i>Scientific Reports</i> , 2017, 7, 45501.	1.6	16
4601	Track-weighted dynamic functional connectivity (TW-dFC): a new method to study time-resolved functional connectivity. <i>Brain Structure and Function</i> , 2017, 222, 3761-3774.	1.2	19
4602	Neural correlates of evoked phantom limb sensations. <i>Biological Psychology</i> , 2017, 126, 89-97.	1.1	28
4603	Contributions of the parietal cortex to increased efficiency of planning-based action selection. <i>Neuropsychologia</i> , 2017, 105, 135-143.	0.7	20
4604	Neck Collar with Mild Jugular Vein Compression Ameliorates Brain Activation Changes during a Working Memory Task after a Season of High School Football. <i>Journal of Neurotrauma</i> , 2017, 34, 2432-2444.	1.7	20
4605	Bupropion Administration Increases Resting-State Functional Connectivity in Dorso-Medial Prefrontal Cortex. <i>International Journal of Neuropsychopharmacology</i> , 2017, 20, 455-462.	1.0	11

#	ARTICLE	IF	CITATIONS
4606	Dissociable corticostriatal circuits underlie goal-directed vs. cue-elicited habitual food seeking after satiation: evidence from a multimodal <scp>MRI</scp> study. <i>European Journal of Neuroscience</i> , 2017, 46, 1815-1827.	1.2	51
4607	Characterization of high-resolution Gradient Echo and Spin Echo EPI for fMRI in the human visual cortex at 7 T. <i>Magnetic Resonance Imaging</i> , 2017, 40, 98-108.	1.0	17
4608	The effect of adipose tissue-derived stem cells in a middle cerebral artery occlusion stroke model depends on their engraftment rate. <i>Stem Cell Research and Therapy</i> , 2017, 8, 96.	2.4	18
4609	Progressive multi-atlas label fusion by dictionary evolution. <i>Medical Image Analysis</i> , 2017, 36, 162-171.	7.0	13
4610	Dynamic Shifts in Large-Scale Brain Network Balance As a Function of Arousal. <i>Journal of Neuroscience</i> , 2017, 37, 281-290.	1.7	104
4611	Abnormalities of brain neural circuits related to obesity: A Diffusion Tensor Imaging study. <i>Magnetic Resonance Imaging</i> , 2017, 37, 116-121.	1.0	60
4612	Fusing Multiple Neuroimaging Modalities to Assess Group Differences in Perception-Action Coupling. <i>Proceedings of the IEEE</i> , 2017, 105, 83-100.	16.4	15
4613	Age and gender interactions in white matter of schizophrenia and obsessive compulsive disorder compared to non-psychiatric controls: commonalities across disorders. <i>Brain Imaging and Behavior</i> , 2017, 11, 1836-1848.	1.1	24
4614	Prognostic value of free light chains lambda and kappa in early multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2017, 23, 1496-1505.	1.4	34
4615	Differential Hemispheric Predilection of Microstructural White Matter and Functional Connectivity Abnormalities between Respectively Semantic and Behavioral Variant Frontotemporal Dementia. <i>Journal of Alzheimer's Disease</i> , 2017, 56, 789-804.	1.2	13
4616	Evaluation of five diffeomorphic image registration algorithms for mouse brain magnetic resonance microscopy. <i>Journal of Microscopy</i> , 2017, 268, 141-154.	0.8	4
4617	Statistical differences in the white matter tracts in subjects with depression by using different skeletonized voxel-wise analysis approaches and DTI fitting procedures. <i>Brain Research</i> , 2017, 1669, 131-140.	1.1	7
4618	The honest truth about deception: Demographic, cognitive, and neural correlates of child repeated deceptive behavior. <i>Journal of Experimental Child Psychology</i> , 2017, 162, 225-241.	0.7	9
4619	Representational precision in visual cortex reveals outcome encoding and reward modulation during action preparation. <i>NeuroImage</i> , 2017, 157, 415-428.	2.1	6
4620	Mesocorticolimbic hemodynamic response in Parkinson's disease patients with compulsive behaviors. <i>Movement Disorders</i> , 2017, 32, 1574-1583.	2.2	34
4621	Activation volume vs BOLD signal change as measures of fMRI activation - Its impact on GABA fMRI activation correlation. <i>Magnetic Resonance Imaging</i> , 2017, 42, 123-129.	1.0	5
4622	Neural correlates of psychotic-like experiences during spiritual-trance state. <i>Psychiatry Research - Neuroimaging</i> , 2017, 266, 101-107.	0.9	15
4623	ApoE influences regional white-matter axonal density loss in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2017, 57, 8-17.	1.5	82

#	ARTICLE	IF	CITATIONS
4624	Defining a multimodal signature of remote sports concussions. <i>European Journal of Neuroscience</i> , 2017, 46, 1956-1967.	1.2	18
4625	Presurgical thalamic "hubness" predicts surgical outcome in temporal lobe epilepsy. <i>Neurology</i> , 2017, 88, 2285-2293.	1.5	135
4626	Motor recovery beginning 23 years after ischemic stroke. <i>Journal of Neurophysiology</i> , 2017, 118, 778-781.	0.9	17
4627	White matter compromise in autism? Differentiating motion confounds from true differences in diffusion tensor imaging. <i>Autism Research</i> , 2017, 10, 1606-1620.	2.1	15
4628	Increased brain activation during motor imagery suggests central abnormality in Neonatal Brachial Plexus Palsy. <i>Neuroscience Research</i> , 2017, 123, 19-26.	1.0	14
4629	Neural evidence for phonologically based language production deficits in older adults: An fMRI investigation of age-related differences in picture-word interference. <i>Brain and Behavior</i> , 2017, 7, e00660.	1.0	23
4630	Anatomical and functional correlates of cortical motor threshold of the dominant hand. <i>Brain Stimulation</i> , 2017, 10, 952-958.	0.7	23
4631	Complex regional pain syndrome: The matter of white matter?. <i>Brain and Behavior</i> , 2017, 7, e00647.	1.0	17
4632	Comparison of two different analysis approaches for DTI free-water corrected and uncorrected maps in the study of white matter microstructural integrity in individuals with depression. <i>Human Brain Mapping</i> , 2017, 38, 4690-4702.	1.9	30
4633	Diffusion imaging of mild traumatic brain injury in the impact accelerated rodent model: A pilot study. <i>Brain Injury</i> , 2017, 31, 1376-1381.	0.6	19
4634	White matter microstructural changes are related to cognitive dysfunction in essential tremor. <i>Scientific Reports</i> , 2017, 7, 2978.	1.6	23
4635	Very preterm children with fetal growth restriction demonstrated altered white matter maturation at nine years of age. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2017, 106, 1600-1607.	0.7	9
4636	Experimental manipulation of infant temperament affects amygdala functional connectivity. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2017, 17, 858-868.	1.0	9
4637	Never forget a name: white matter connectivity predicts person memory. <i>Brain Structure and Function</i> , 2017, 222, 4187-4201.	1.2	20
4638	Exploring connectivity with large-scale Granger causality on resting-state functional MRI. <i>Journal of Neuroscience Methods</i> , 2017, 287, 68-79.	1.3	31
4639	Learning relative values in the striatum induces violations of normative decision making. <i>Nature Communications</i> , 2017, 8, 16033.	5.8	66
4640	Diffusional Kurtosis Imaging of the Corticospinal Tract in Multiple Sclerosis: Association with Neurologic Disability. <i>American Journal of Neuroradiology</i> , 2017, 38, 1494-1500.	1.2	13
4641	Free-water and free-water corrected fractional anisotropy in primary and premotor corticospinal tracts in chronic stroke. <i>Human Brain Mapping</i> , 2017, 38, 4546-4562.	1.9	16

#	ARTICLE	IF	CITATIONS
4642	Directional sensitivity of anomalous diffusion in human brain assessed by tensorial fractional motion model. <i>Magnetic Resonance Imaging</i> , 2017, 42, 74-81.	1.0	6
4643	Long-term changes in time spent walking and subsequent cognitive and structural brain changes in older adults. <i>Neurobiology of Aging</i> , 2017, 57, 153-161.	1.5	38
4644	Regional Gray Matter Volumes as Related to Psychomotor Slowing in Adults with Type 1 Diabetes. <i>Psychosomatic Medicine</i> , 2017, 79, 533-540.	1.3	13
4645	Fornix Structural Connectivity and Allostatic Load: Empirical Evidence From Schizophrenia Patients and Healthy Controls. <i>Psychosomatic Medicine</i> , 2017, 79, 770-776.	1.3	26
4646	Reliability of White Matter Microstructural Changes in HIV Infection: Meta-Analysis and Confirmation. <i>American Journal of Neuroradiology</i> , 2017, 38, 1510-1519.	1.2	30
4647	Disrupted white matter structural networks in healthy older adult APOE ϵ 4 carriers: An international multicenter DTI study. <i>Neuroscience</i> , 2017, 357, 119-133.	1.1	31
4648	Altered Brain Wiring in Parkinson's Disease: A Structural Connectome-Based Analysis. <i>Brain Connectivity</i> , 2017, 7, 347-356.	0.8	29
4649	White matter alterations at pubertal onset. <i>NeuroImage</i> , 2017, 156, 286-292.	2.1	47
4650	The effect of repetitive subconcussive collisions on brain integrity in collegiate football players over a single football season: A multi-modal neuroimaging study. <i>NeuroImage: Clinical</i> , 2017, 14, 708-718.	1.4	127
4651	Time-compressed preplay of anticipated events in human primary visual cortex. <i>Nature Communications</i> , 2017, 8, 15276.	5.8	120
4652	Structural Pathways Supporting Swift Acquisition of New Visuomotor Skills. <i>Cerebral Cortex</i> , 2017, 27, 173-184.	1.6	23
4653	Dynamic brain glucose metabolism identifies anti-correlated cortical-cerebellar networks at rest. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 3659-3670.	2.4	45
4654	Comparison of 3 T and 7 T ASL techniques for concurrent functional perfusion and BOLD studies. <i>NeuroImage</i> , 2017, 156, 363-376.	2.1	34
4655	Intolerance of uncertainty predicts increased striatal volume.. <i>Emotion</i> , 2017, 17, 895-899.	1.5	24
4656	An fMRI-compatible force measurement system for the evaluation of the neural correlates of step initiation. <i>Scientific Reports</i> , 2017, 7, 43088.	1.6	29
4657	Brain structural alterations in obese children with and without <i>Williams Syndrome</i> . <i>Human Brain Mapping</i> , 2017, 38, 4228-4238.	1.9	24
4658	Measuring functional connectivity in stroke: Approaches and considerations. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 2665-2678.	2.4	65
4659	Frontal and subcortical grey matter reductions in PTSD. <i>Psychiatry Research - Neuroimaging</i> , 2017, 266, 1-9.	0.9	53

#	ARTICLE	IF	CITATIONS
4660	Multiparametric MRI to distinguish early onset Alzheimer's disease and behavioural variant of frontotemporal dementia. <i>NeuroImage: Clinical</i> , 2017, 15, 428-438.	1.4	49
4661	Inflexible Functional Connectivity of the Dorsal Anterior Cingulate Cortex in Adolescent Major Depressive Disorder. <i>Neuropsychopharmacology</i> , 2017, 42, 2434-2445.	2.8	44
4662	In child and adult migraineurs the somatosensory cortex stands out again: An arterial spin labeling investigation. <i>Human Brain Mapping</i> , 2017, 38, 4078-4087.	1.9	29
4663	Difference of recovery course of motor weakness according to state of corticospinal tract in putaminal hemorrhage. <i>Neuroscience Letters</i> , 2017, 653, 163-167.	1.0	12
4664	Serum insulin-like growth factor levels are associated with improved white matter recovery after traumatic brain injury. <i>Annals of Neurology</i> , 2017, 82, 30-43.	2.8	19
4665	Does Psychosocial Stress Impact Cognitive Reappraisal? Behavioral and Neural Evidence. <i>Journal of Cognitive Neuroscience</i> , 2017, 29, 1803-1816.	1.1	19
4666	Assessing the social brain in dementia: Applying TASIT-S. <i>Cortex</i> , 2017, 93, 166-177.	1.1	46
4667	Advanced magnetic resonance imaging and neuropsychological assessment for detecting brain injury in a prospective cohort of university amateur boxers. <i>NeuroImage: Clinical</i> , 2017, 15, 194-199.	1.4	7
4668	Virtual brain biopsies in amyotrophic lateral sclerosis: Diagnostic classification based on in vivo pathological patterns. <i>NeuroImage: Clinical</i> , 2017, 15, 653-658.	1.4	66
4669	Structural and functional brain signatures of C9orf72 in motor neuron disease. <i>Neurobiology of Aging</i> , 2017, 57, 206-219.	1.5	54
4670	Dissociating Medial Temporal and Striatal Memory Systems With a Same/Different Matching Task: Evidence for Two Neural Systems in Human Recognition. <i>Journal of General Psychology</i> , 2017, 144, 110-129.	1.6	4
4671	Hippocampal development in youth with a history of childhood maltreatment. <i>Journal of Psychiatric Research</i> , 2017, 91, 149-155.	1.5	15
4672	Brain activity in the right-frontal pole and lateral occipital cortex predicts successful post-operative outcome after surgery for anterior glenoumeral instability. <i>Scientific Reports</i> , 2017, 7, 498.	1.6	16
4673	GABA content within medial prefrontal cortex predicts the variability of fronto-limbic effective connectivity. <i>Brain Structure and Function</i> , 2017, 222, 3217-3229.	1.2	29
4674	Habitual sleep durations and subjective sleep quality predict white matter differences in the human brain. <i>Neurobiology of Sleep and Circadian Rhythms</i> , 2017, 3, 17-25.	1.4	41
4675	Towards a comprehensive framework for movement and distortion correction of diffusion MR images: Within volume movement. <i>NeuroImage</i> , 2017, 152, 450-466.	2.1	278
4676	Theta Oscillations Rapidly Convey Odor-Specific Content in Human Piriform Cortex. <i>Neuron</i> , 2017, 94, 207-219.e4.	3.8	56
4677	Connectomic profile and clinical phenotype in newly diagnosed glioma patients. <i>NeuroImage: Clinical</i> , 2017, 14, 87-96.	1.4	64

#	ARTICLE	IF	CITATIONS
4678	Robust presurgical functional <scp>MRI</scp> at 7 <scp>T</scp> using response consistency. Human Brain Mapping, 2017, 38, 3163-3174.	1.9	5
4679	Sources of disconnection in neurocognitive aging: cerebral white-matter integrity, resting-state functional connectivity, and white-matter hyperintensity volume. Neurobiology of Aging, 2017, 54, 199-213.	1.5	50
4680	Elucidating the aberrant brain regions in bipolar disorder using T1-weighted/T2-weighted magnetic resonance ratio images. Psychiatry Research - Neuroimaging, 2017, 263, 76-84.	0.9	18
4681	Comparing functional <scp>MRI</scp> protocols for small, iron-rich basal ganglia nuclei such as the subthalamic nucleus at 7 <scp>T</scp> and 3 <scp>T</scp>. Human Brain Mapping, 2017, 38, 3226-3248.	1.9	76
4682	Negative Valence in Autism Spectrum Disorder: The Relationship Between Amygdala Activity, Selective Attention, and Co-occurring Anxiety. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2017, 2, 510-517.	1.1	24
4683	Resting-state networks associated with cognitive processing show more age-related decline than those associated with emotional processing. Neurobiology of Aging, 2017, 54, 152-162.	1.5	44
4684	Behavioral and neural responses to infant and adult tears: The impact of maternal love withdrawal.. Emotion, 2017, 17, 1021-1029.	1.5	15
4685	Brain Involvement in Myotonic Dystrophy Type 1: A Morphometric and Diffusion Tensor Imaging Study with Neuropsychological Correlation. Archives of Clinical Neuropsychology, 2017, 32, 401-412.	0.3	39
4686	Domain Selectivity in the Parahippocampal Gyrus Is Predicted by the Same Structural Connectivity Patterns in Blind and Sighted Individuals. Journal of Neuroscience, 2017, 37, 4705-4716.	1.7	16
4687	Studying the neural bases of prism adaptation using fMRI: A technical and design challenge. Behavior Research Methods, 2017, 49, 2031-2043.	2.3	10
4688	Neural mechanisms for integrating consecutive and interleaved natural events. Human Brain Mapping, 2017, 38, 3360-3376.	1.9	21
4689	The differences of the precommissural and postcommissural fornix in the hippocampal location: a diffusion tensor tractography study. Neuroradiology, 2017, 59, 397-401.	1.1	1
4690	White matter microstructure in children with autistic traits. Psychiatry Research - Neuroimaging, 2017, 263, 127-134.	0.9	23
4691	Improving ACL Reconstruction Outcomes. Journal of Orthopaedic and Sports Physical Therapy, 2017, 47, 1-17.	1.7	2
4692	Task difficulty modulates brain activation in the emotional oddball task. Brain Research, 2017, 1664, 74-86.	1.1	16
4693	Reduced white matter integrity and facial emotion perception in never-medicated patients with first-episode schizophrenia: A diffusion tensor imaging study. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2017, 77, 57-64.	2.5	12
4694	Can MRI Visual Assessment Differentiate the Variants of Primary-Progressive Aphasia?. American Journal of Neuroradiology, 2017, 38, 954-960.	1.2	25
4695	Linking optic radiation volume to visual perception in schizophrenia and bipolar disorder. Schizophrenia Research, 2017, 190, 102-106.	1.1	12

#	ARTICLE	IF	CITATIONS
4696	Multi-echo fMRI: A review of applications in fMRI denoising and analysis of BOLD signals. <i>NeuroImage</i> , 2017, 154, 59-80.	2.1	238
4697	White matter involvement on DTI-MRI in Cushing's syndrome relates to mood disturbances and processing speed: a case-control study. <i>Pituitary</i> , 2017, 20, 340-348.	1.6	25
4698	White matter measures are near normal in controlled HIV infection except in those with cognitive impairment and longer HIV duration. <i>Journal of NeuroVirology</i> , 2017, 23, 539-547.	1.0	39
4699	Dissociable diffusion MRI patterns of white matter microstructure and connectivity in Alzheimer's disease spectrum. <i>Scientific Reports</i> , 2017, 7, 45131.	1.6	43
4700	Does a single session of electroconvulsive therapy alter the neural response to emotional faces in depression? A randomised sham-controlled functional magnetic resonance imaging study. <i>Journal of Psychopharmacology</i> , 2017, 31, 1215-1224.	2.0	9
4701	Onset of secondary progressive MS after long-term rituximab therapy – a case report. <i>Annals of Clinical and Translational Neurology</i> , 2017, 4, 46-52.	1.7	22
4702	Diagnosis and body mass index effects on hippocampal volumes and neurochemistry in bipolar disorder. <i>Translational Psychiatry</i> , 2017, 7, e1071-e1071.	2.4	13
4703	Cortical Superficial Siderosis in Different Types of Cerebral Small Vessel Disease. <i>Stroke</i> , 2017, 48, 1404-1407.	1.0	40
4704	Age-Related Changes in Gustatory, Homeostatic, Reward, and Memory Processing of Sweet Taste in the Metabolic Syndrome: An fMRI Study. <i>Perception</i> , 2017, 46, 283-306.	0.5	11
4705	Precuneus proportions and cortical folding: A morphometric evaluation on a racially diverse human sample. <i>Annals of Anatomy</i> , 2017, 211, 120-128.	1.0	24
4706	White-matter crossing-fiber microstructure in adolescents prenatally exposed to cocaine. <i>Drug and Alcohol Dependence</i> , 2017, 174, 23-29.	1.6	10
4707	Quantitative Comparison of Spherical Deconvolution Approaches to Resolve Complex Fiber Configurations in Diffusion MRI: ISRA-Based vs L2L0 Sparse Methods. <i>IEEE Transactions on Biomedical Engineering</i> , 2017, 64, 2847-2857.	2.5	2
4708	A multivariate pattern analysis study of the HIV-related white matter anatomical structural connections alterations. , 2017, , .		1
4709	Can we predict subject-specific dynamic cortical thickness maps during infancy from birth?. <i>Human Brain Mapping</i> , 2017, 38, 2865-2874.	1.9	14
4710	Functional disconnection of thalamic and cerebellar dentate nucleus networks in progressive supranuclear palsy and corticobasal syndrome. <i>Parkinsonism and Related Disorders</i> , 2017, 39, 52-57.	1.1	25
4711	Clinical validity of medial temporal atrophy as a biomarker for Alzheimer's disease in the context of a structured 5-phase development framework. <i>Neurobiology of Aging</i> , 2017, 52, 167-182.e1.	1.5	60
4712	The predictive value of dorsal cingulate activity and fractional anisotropy on long-term PTSD symptom severity. <i>Depression and Anxiety</i> , 2017, 34, 410-418.	2.0	18
4713	Sliding-window analysis tracks fluctuations in amygdala functional connectivity associated with physiological arousal and vigilance during fear conditioning. <i>NeuroImage</i> , 2017, 153, 168-178.	2.1	26

#	ARTICLE	IF	CITATIONS
4714	Attention to Distinct Goal-relevant Features Differentially Guides Semantic Knowledge Retrieval. <i>Journal of Cognitive Neuroscience</i> , 2017, 29, 1178-1193.	1.1	5
4715	Structural and functional hyperconnectivity within the sensorimotor system in xenomelia. <i>Brain and Behavior</i> , 2017, 7, e00657.	1.0	30
4716	Disruption of white matter structural integrity and connectivity in posttraumatic stress disorder: A TBSS and tractography study. <i>Depression and Anxiety</i> , 2017, 34, 437-445.	2.0	40
4717	Cortical surface-based threshold-free cluster enhancement and cortexwise mediation. <i>Human Brain Mapping</i> , 2017, 38, 2795-2807.	1.9	18
4718	Altered microstructure rather than morphology in the corpus callosum after lower limb amputation. <i>Scientific Reports</i> , 2017, 7, 44780.	1.6	17
4719	Assessing the Impact of Post-Traumatic Stress Symptoms on the Resting-State Default Mode Network in a Military Chronic Mild Traumatic Brain Injury Sample. <i>Brain Connectivity</i> , 2017, 7, 236-249.	0.8	19
4720	Structural and functional connectivity in children and adolescents with and without attention deficit/hyperactivity disorder. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2017, 58, 810-818.	3.1	62
4721	tDCS-Induced Modulation of GABA Levels and Resting-State Functional Connectivity in Older Adults. <i>Journal of Neuroscience</i> , 2017, 37, 4065-4073.	1.7	109
4722	Association between exercise habits and subcortical gray matter volumes in healthy elderly people: A population-based study in Japan. <i>ENeurologicalSci</i> , 2017, 7, 1-6.	0.5	12
4723	Global brain atrophy and metabolic dysfunction in LGI1 encephalitis: A prospective multimodal MRI study. <i>Journal of the Neurological Sciences</i> , 2017, 376, 159-165.	0.3	28
4724	Individual classification of Alzheimer's disease with diffusion magnetic resonance imaging. <i>NeuroImage</i> , 2017, 152, 476-481.	2.1	61
4725	Inter-Subject Variability of Axonal Injury in Diffuse Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2017, 34, 2243-2253.	1.7	29
4726	FTLD-TDP and progressive supranuclear palsy in comorbidity—a report of two cases with different clinical presentations. <i>Neurocase</i> , 2017, 23, 5-11.	0.2	3
4727	Task modulations and clinical manifestations in the brain functional connectome in 1615 fMRI datasets. <i>NeuroImage</i> , 2017, 147, 243-252.	2.1	41
4728	Distributed neural signatures of natural audiovisual speech and music in the human auditory cortex. <i>NeuroImage</i> , 2017, 157, 108-117.	2.1	7
4729	Clock genes associate with white matter integrity in depressed bipolar patients. <i>Chronobiology International</i> , 2017, 34, 212-224.	0.9	59
4730	Parkinson's disease-related increase of α -weighted hypointensity in substantia nigra pars compacta. <i>Movement Disorders</i> , 2017, 32, 441-449.	2.2	61
4731	Longitudinal changes in microstructural white matter metrics in Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2017, 13, 330-338.	1.4	109

#	ARTICLE	IF	CITATIONS
4732	Toward Precision and Reproducibility of Diffusion Tensor Imaging: A Multicenter Diffusion Phantom and Traveling Volunteer Study. <i>American Journal of Neuroradiology</i> , 2017, 38, 537-545.	1.2	109
4733	Metrics of brain network architecture capture the impact of disease in children with epilepsy. <i>NeuroImage: Clinical</i> , 2017, 13, 201-208.	1.4	42
4734	Potential pitfalls when denoising resting state fMRI data using nuisance regression. <i>NeuroImage</i> , 2017, 154, 159-168.	2.1	105
4735	Relationship of a common OXTR gene variant to brain structure and default mode network function in healthy humans. <i>NeuroImage</i> , 2017, 147, 500-506.	2.1	21
4736	Abnormalities of language pathways in schizophrenia patients with and without a lifetime history of auditory verbal hallucinations: A DTI-based tractography study. <i>World Journal of Biological Psychiatry</i> , 2017, 18, 528-538.	1.3	19
4737	Th17 cells correlate positively to the structural and functional integrity of the brain in bipolar depression and healthy controls. <i>Brain, Behavior, and Immunity</i> , 2017, 61, 317-325.	2.0	54
4738	Modular level alterations of structure-function coupling in schizophrenia connectome. <i>Human Brain Mapping</i> , 2017, 38, 2008-2025.	1.9	42
4739	A novel measure of reliability in Diffusion Tensor Imaging after data rejections due to subject motion. <i>NeuroImage</i> , 2017, 147, 57-65.	2.1	11
4740	Brain volume change in first episode psychosis: an effect of antipsychotic medication independent of BMI change. <i>Acta Psychiatrica Scandinavica</i> , 2017, 135, 117-126.	2.2	18
4741	Simultaneous measurement of total water content and myelin water fraction in brain at 3 T using a T2 relaxation based method. <i>Magnetic Resonance Imaging</i> , 2017, 37, 187-194.	1.0	35
4742	Measurement of Peripheral Vision Reaction Time Identifies White Matter Disruption in Patients with Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2017, 34, 1539-1545.	1.7	12
4743	Independent Neural Computation of Value from Other People's Confidence. <i>Journal of Neuroscience</i> , 2017, 37, 673-684.	1.7	44
4744	Hippocampal structure predicts cortical indices of reactivation of related items. <i>Neuropsychologia</i> , 2017, 95, 182-192.	0.7	7
4745	A New Variational Method for Bias Correction and Its Applications to Rodent Brain Extraction. <i>IEEE Transactions on Medical Imaging</i> , 2017, 36, 721-733.	5.4	26
4746	Computational modelling of traumatic brain injury predicts the location of chronic traumatic encephalopathy pathology. <i>Brain</i> , 2017, 140, 333-343.	3.7	211
4747	Disentangling the Representation of Identity from Head View Along the Human Face Processing Pathway. <i>Cerebral Cortex</i> , 2017, 27, 46-53.	1.6	84
4748	Comparison of probabilistic and deterministic fiber tracking of cranial nerves. <i>Journal of Neurosurgery</i> , 2017, 127, 613-621.	0.9	29
4749	Tracking thoughts: Exploring the neural architecture of mental time travel during mind-wandering. <i>NeuroImage</i> , 2017, 147, 272-281.	2.1	91

#	ARTICLE	IF	CITATIONS
4750	Optimal echo time for functional MRI of the infant brain identified in response to noxious stimulation. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 625-631.	1.9	19
4751	Disentangling subgroups of participants recruiting shared as well as different brain regions for the execution of the verb generation task: A data-driven fMRI study. <i>Cortex</i> , 2017, 86, 247-259.	1.1	16
4752	Recovery of accurate T 2 from historical 1.5 tesla proton density and T 2 -weighted images: Application to 7-year T 2 changes in multiple sclerosis brain. <i>Magnetic Resonance Imaging</i> , 2017, 37, 21-26.	1.0	8
4753	Modulation of reward-related neural activation on sensation seeking across development. <i>NeuroImage</i> , 2017, 147, 763-771.	2.1	25
4754	Brain Training with Video Games in Covert Hepatic Encephalopathy. <i>American Journal of Gastroenterology</i> , 2017, 112, 316-324.	0.2	6
4755	Hypothesis Testing of Matrix Graph Model with Application to Brain Connectivity Analysis. <i>Biometrics</i> , 2017, 73, 780-791.	0.8	32
4756	Neural activation patterns during retrieval of schema-related memories: differences and commonalities between children and adults. <i>Developmental Science</i> , 2017, 20, e12475.	1.3	34
4757	Cortical Correlates of the Auditory Frequency-Following and Onset Responses: EEG and fMRI Evidence. <i>Journal of Neuroscience</i> , 2017, 37, 830-838.	1.7	98
4758	White Matter Disruption and Connected Speech in Non-Fluent and Semantic Variants of Primary Progressive Aphasia. <i>Dementia and Geriatric Cognitive Disorders Extra</i> , 2017, 7, 52-73.	0.6	37
4759	White matter microstructure is associated with functional, cognitive and emotional symptoms 12 months after mild traumatic brain injury. <i>Scientific Reports</i> , 2017, 7, 13795.	1.6	39
4760	Who Can Deviate from the Party Line? Political Ideology Moderates Evaluation of Incongruent Policy Positions in Insula and Anterior Cingulate Cortex. <i>Social Justice Research</i> , 2017, 30, 355-380.	0.6	9
4761	Sensorimotor network parcellation for pre-surgical patients using low-pass filtered fMRI. , 2017, 2017, 4479-4482.		2
4762	Brain Activity Unique to Orgasm in Women: An fMRI Analysis. <i>Journal of Sexual Medicine</i> , 2017, 14, 1380-1391.	0.3	44
4763	Longitudinal evaluation of resting-state connectivity, white matter integrity and cortical thickness in stable HIV infection: Preliminary results. <i>Neuroradiology Journal</i> , 2017, 30, 535-545.	0.6	13
4764	Cognition and quality of life in clinically isolated syndrome patients starting a disease modifying therapy in the QUALICIS study may not predict treatment response at one year. <i>Journal of the Neurological Sciences</i> , 2017, 382, 73-78.	0.3	4
4765	Short-term mechanisms influencing volumetric brain dynamics. <i>NeuroImage: Clinical</i> , 2017, 16, 507-513.	1.4	32
4766	Information processing deficits as a driving force for memory impairment in MS: A cross-sectional study of memory functions and MRI in early and late stage MS. <i>Multiple Sclerosis and Related Disorders</i> , 2017, 18, 119-127.	0.9	8
4767	Anti-Fragmentation of Resting-State Functional Magnetic Resonance Imaging Connectivity Networks with Node-Wise Thresholding. <i>Brain Connectivity</i> , 2017, 7, 504-514.	0.8	0

#	ARTICLE	IF	CITATIONS
4768	Modulation of Long-Range Connectivity Patterns via Frequency-Specific Stimulation of Human Cortex. <i>Current Biology</i> , 2017, 27, 3061-3068.e3.	1.8	48
4769	Resting-state functional magnetic resonance imaging in clade C HIV: within-group association with neurocognitive function. <i>Journal of NeuroVirology</i> , 2017, 23, 875-885.	1.0	19
4770	Longitudinal white matter change in frontotemporal dementia subtypes and sporadic late onset Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2017, 16, 595-603.	1.4	45
4771	Normobaric hyperoxia does not improve derangements in diffusion tensor imaging found distant from visible contusions following acute traumatic brain injury. <i>Scientific Reports</i> , 2017, 7, 12419.	1.6	2
4772	White Matter Structure in Older Adults Moderates the Benefit of Sleep Spindles on Motor Memory Consolidation. <i>Journal of Neuroscience</i> , 2017, 37, 11675-11687.	1.7	42
4773	Dissociation Between Hormonal Counterregulatory Responses and Cerebral Glucose Metabolism During Hypoglycemia. <i>Diabetes</i> , 2017, 66, 2964-2972.	0.3	6
4774	BDNF Val66Met polymorphism modulates the effect of loneliness on white matter microstructure in young adults. <i>Biological Psychology</i> , 2017, 130, 41-49.	1.1	9
4775	Exploring the neural substrates of misinformation processing. <i>Neuropsychologia</i> , 2017, 106, 216-224.	0.7	49
4776	Distortion correction of diffusion-weighted magnetic resonance imaging of the head and neck in radiotherapy position. <i>Acta Oncologica</i> , 2017, 56, 1659-1663.	0.8	12
4777	Towards an Automated Segmentation of the Ventro-Intermediate Thalamic Nucleus. <i>Lecture Notes in Computer Science</i> , 2017, , 141-150.	1.0	0
4778	Sensitivity analysis of human brain structural network construction. <i>Network Neuroscience</i> , 2017, 1, 446-467.	1.4	18
4779	Predictive processing increases intelligibility of acoustically distorted speech: Behavioral and neural correlates. <i>Brain and Behavior</i> , 2017, 7, e00789.	1.0	10
4780	Anxious/depressed symptoms are related to microstructural maturation of white matter in typically developing youths. <i>Development and Psychopathology</i> , 2017, 29, 751-758.	1.4	30
4781	Weak Higher-Order Interactions in Macroscopic Functional Networks of the Resting Brain. <i>Journal of Neuroscience</i> , 2017, 37, 10481-10497.	1.7	8
4782	Altered functional connectivity during spatial working memory in children with heavy prenatal alcohol exposure. <i>Alcohol</i> , 2017, 64, 11-21.	0.8	21
4783	Contralateral cortico-ponto-cerebellar pathways reconstruction in humans in vivo: implications for reciprocal cerebro-cerebellar structural connectivity in motor and non-motor areas. <i>Scientific Reports</i> , 2017, 7, 12841.	1.6	152
4784	Psilocybin for treatment-resistant depression: fMRI-measured brain mechanisms. <i>Scientific Reports</i> , 2017, 7, 13187.	1.6	346
4785	Assessing neural tuning for object perception in schizophrenia and bipolar disorder with multivariate pattern analysis of fMRI data. <i>NeuroImage: Clinical</i> , 2017, 16, 491-497.	1.4	18

#	ARTICLE	IF	CITATIONS
4786	Partial volume correction for PET quantification and its impact on brain network in Alzheimer's disease. <i>Scientific Reports</i> , 2017, 7, 13035.	1.6	37
4787	Evaluating the relationship between white matter integrity, cognition, and varieties of video game learning. <i>Restorative Neurology and Neuroscience</i> , 2017, 35, 437-456.	0.4	19
4788	Damage to the Frontal Aslant Tract Accounts for Visuo-Constructive Deficits in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2017, 60, 1015-1024.	1.2	13
4789	Microstructural MRI Basis of the Cognitive Functions in Patients with Spinocerebellar Ataxia Type 2. <i>Neuroscience</i> , 2017, 366, 44-53.	1.1	31
4790	Tracting the neural basis of music: Deficient structural connectivity underlying acquired amusia. <i>Cortex</i> , 2017, 97, 255-273.	1.1	25
4791	Arterial branching and basal ganglia lacunes: A study in pure small vessel disease. <i>European Stroke Journal</i> , 2017, 2, 264-271.	2.7	2
4792	Physical aggressiveness and gray matter deficits in ventromedial prefrontal cortex. <i>Cortex</i> , 2017, 97, 17-22.	1.1	26
4793	Pleasure attainment or self-realization: the balance between two forms of well-beings are encoded in default mode network. <i>Social Cognitive and Affective Neuroscience</i> , 2017, 12, 1678-1686.	1.5	34
4794	Emotional intelligence is associated with connectivity within and between resting state networks. <i>Social Cognitive and Affective Neuroscience</i> , 2017, 12, 1624-1636.	1.5	28
4795	Behavioral pattern separation and its link to the neural mechanisms of fear generalization. <i>Social Cognitive and Affective Neuroscience</i> , 2017, 12, 1720-1729.	1.5	63
4796	Microstructural white matter tract alteration in Prader-Willi syndrome: A diffusion tensor imaging study. <i>American Journal of Medical Genetics, Part C: Seminars in Medical Genetics</i> , 2017, 175, 362-367.	0.7	11
4797	Distributed Intrinsic Functional Connectivity Patterns Predict Diagnostic Status in Large Autism Cohort. <i>Brain Connectivity</i> , 2017, 7, 515-525.	0.8	33
4798	An Objective Short Sleep Insomnia Disorder Subtype Is Associated With Reduced Brain Metabolite Concentrations In Vivo: A Preliminary Magnetic Resonance Spectroscopy Assessment. <i>Sleep</i> , 2017, 40, .	0.6	19
4799	Functional subdivisions of the hypothalamus using areal parcellation and their signal changes related to glucose metabolism. <i>NeuroImage</i> , 2017, 162, 1-12.	2.1	38
4800	White matter fiber integrity of the saccadic eye movement network differs between schizophrenia and healthy groups. <i>Psychophysiology</i> , 2017, 54, 1967-1977.	1.2	3
4801	Reduced brain response to a sweet taste in Hispanic young adults. <i>Brain Research</i> , 2017, 1674, 101-110.	1.1	5
4802	Effects of spatial fMRI resolution on the classification of naturalistic movies. <i>NeuroImage</i> , 2017, 162, 45-55.	2.1	16
4803	Mapping the fine structure of cortical activity with different micro-ECOG electrode array geometries. <i>Journal of Neural Engineering</i> , 2017, 14, 056004.	1.8	28

#	ARTICLE	IF	CITATIONS
4804	The levels of perceptual processing and the neural correlates of increasing subjective visibility. <i>Consciousness and Cognition</i> , 2017, 55, 106-125.	0.8	15
4805	Neural Substrate for Metacognitive Accuracy of Tactile Working Memory. <i>Cerebral Cortex</i> , 2017, 27, 5343-5352.	1.6	16
4806	Human iPS cell-derived dopaminergic neurons function in a primate Parkinson's disease model. <i>Nature</i> , 2017, 548, 592-596.	13.7	528
4807	Predictive models of minimal hepatic encephalopathy for cirrhotic patients based on large-scale brain intrinsic connectivity networks. <i>Scientific Reports</i> , 2017, 7, 11512.	1.6	8
4808	Reduced Structural Connectivity in Frontostriatal White Matter Tracts in the Associative Loop in Schizophrenia. <i>American Journal of Psychiatry</i> , 2017, 174, 1102-1111.	4.0	60
4809	Trajectories of brain system maturation from childhood to older adulthood: Implications for lifespan cognitive functioning. <i>NeuroImage</i> , 2017, 163, 125-149.	2.1	40
4810	Mapping orbitofrontal-limbic maturation in non-human primates: A longitudinal magnetic resonance imaging study. <i>NeuroImage</i> , 2017, 163, 55-67.	2.1	19
4811	Investigating the neural correlates of smoking: Feasibility and results of combining electronic cigarettes with fMRI. <i>Scientific Reports</i> , 2017, 7, 11352.	1.6	18
4812	Personalized structural image analysis in patients with temporal lobe epilepsy. <i>Scientific Reports</i> , 2017, 7, 10883.	1.6	10
4813	Diffusion MRI in pediatric brain injury. <i>Child's Nervous System</i> , 2017, 33, 1683-1692.	0.6	32
4814	Neurogenetic plasticity and sex influence the link between corticolimbic structural connectivity and trait anxiety. <i>Scientific Reports</i> , 2017, 7, 10959.	1.6	11
4815	The impact of vessel size, orientation and intravascular contribution on the neurovascular fingerprint of BOLD bSSFP fMRI. <i>NeuroImage</i> , 2017, 163, 13-23.	2.1	49
4816	Elucidation of shared and specific white matter findings underlying psychopathology clusters in schizophrenia. <i>Asian Journal of Psychiatry</i> , 2017, 30, 144-151.	0.9	5
4817	Pallidal low β^2 -low β^3 phase-amplitude coupling inversely correlates with Parkinson disease symptoms. <i>Clinical Neurophysiology</i> , 2017, 128, 2165-2178.	0.7	37
4818	Effects of spatial smoothing on functional brain networks. <i>European Journal of Neuroscience</i> , 2017, 46, 2471-2480.	1.2	89
4819	Microstructural white matter changes and their relation to neuropsychological deficits in patients with juvenile myoclonic epilepsy. <i>Epilepsy and Behavior</i> , 2017, 76, 56-62.	0.9	19
4820	Recovery of an injured corticobulbar tract in a patient with stroke. <i>Medicine (United States)</i> , 2017, 96, e7636.	0.4	7
4821	Abnormal white matter microstructure among early adulthood smokers: a tract-based spatial statistics study. <i>Neurological Research</i> , 2017, 39, 1094-1102.	0.6	7

#	ARTICLE	IF	CITATIONS
4822	Developing a Comprehensive Framework for Multimodal Feature Extraction. , 2017, , .		33
4823	Attraction Effect in Risky Choice Can Be Explained by Subjective Distance Between Choice Alternatives. Scientific Reports, 2017, 7, 8942.	1.6	22
4824	Age differences in brain signal variability are robust to multiple vascular controls. Scientific Reports, 2017, 7, 10149.	1.6	64
4825	REST, a master regulator of neurogenesis, evolved under strong positive selection in humans and in non human primates. Scientific Reports, 2017, 7, 9530.	1.6	27
4826	The supramarginal and angular gyri underlie orthographic competence in Spanish language. Brain and Language, 2017, 175, 1-10.	0.8	4
4827	PET imaging of putative microglial activation in individuals at ultra-high risk for psychosis, recently diagnosed and chronically ill with schizophrenia. Translational Psychiatry, 2017, 7, e1225-e1225.	2.4	70
4828	Reduced distortion artifact whole brain CBF mapping using blip-reversed non-segmented 3D echo planar imaging with pseudo-continuous arterial spin labeling. Magnetic Resonance Imaging, 2017, 44, 119-124.	1.0	8
4829	Advancing The Cancer Genome Atlas glioma MRI collections with expert segmentation labels and radiomic features. Scientific Data, 2017, 4, 170117.	2.4	1,555
4830	Anterior cingulate cortex grey matter volume abnormalities in adolescents with PTSD after childhood sexual abuse. European Neuropsychopharmacology, 2017, 27, 1163-1171.	0.3	34
4831	Structural brain correlates of resilience to traumatic stress in Dutch police officers. Psychoneuroendocrinology, 2017, 85, 172-178.	1.3	28
4832	Differential failure to deactivate the default mode network in unipolar and bipolar depression. Bipolar Disorders, 2017, 19, 386-395.	1.1	40
4833	How Do You See Me? The Neural Basis of Motivated Meta-perception. Journal of Cognitive Neuroscience, 2017, 29, 1908-1917.	1.1	11
4834	Predicting pain relief: Use of pre-surgical trigeminal nerve diffusion metrics in trigeminal neuralgia. NeuroImage: Clinical, 2017, 15, 710-718.	1.4	67
4835	3D-MB-MUSE: A robust 3D multi-slab, multi-band and multi-shot reconstruction approach for ultrahigh resolution diffusion MRI. NeuroImage, 2017, 159, 46-56.	2.1	38
4836	Parallel Interdigitated Distributed Networks within the Individual Estimated by Intrinsic Functional Connectivity. Neuron, 2017, 95, 457-471.e5.	3.8	469
4837	A new approach to locate the hippocampus nest in brain MR images. , 2017, , .		2
4838	Structural differences in impaired verbal fluency in essential tremor patients compared to healthy controls. Brain and Behavior, 2017, 7, e00722.	1.0	11
4839	Automated Computational Processing of 3D MR Images of Mouse Brain for Phenotyping of Living Animals. Current Protocols in Molecular Biology, 2017, 119, 29A.5.1-29A.5.38.	2.9	13

#	ARTICLE	IF	CITATIONS
4840	Localized reductions in resting-state functional connectivity in children with prenatal alcohol exposure. <i>Human Brain Mapping</i> , 2017, 38, 5217-5233.	1.9	28
4841	Early detection of neonatal hypoxic-ischemic white matter injury. <i>NeuroReport</i> , 2017, 28, 845-855.	0.6	11
4842	Towards a faster randomized parcellation based inference. , 2017, , .		1
4843	Using Functional Magnetic Resonance Imaging to Detect Preserved Function in a Preterm Infant with Brain Injury. <i>Journal of Pediatrics</i> , 2017, 189, 213-217.e1.	0.9	7
4844	The independent influences of age and education on functional brain networks and cognition in healthy older adults. <i>Human Brain Mapping</i> , 2017, 38, 5094-5114.	1.9	49
4845	Multi-site exploration of sex differences in brain reactivity to smoking cues: Consensus across sites and methodologies. <i>Drug and Alcohol Dependence</i> , 2017, 178, 469-476.	1.6	26
4846	Interhemispheric disconnectivity in the sensorimotor network in bipolar disorder revealed by functional connectivity and diffusion tensor imaging analysis. <i>Heliyon</i> , 2017, 3, e00335.	1.4	37
4847	Evaluating the replicability, specificity, and generalizability of connectome fingerprints. <i>NeuroImage</i> , 2017, 158, 371-377.	2.1	54
4848	Dissociated neural basis of two behavioral hallmarks of holistic face processing: The whole-part effect and composite-face effect. <i>Neuropsychologia</i> , 2017, 102, 52-60.	0.7	12
4849	Sex differences in associations between white matter microstructure and gonadal hormones in children and adolescents with prenatal alcohol exposure. <i>Psychoneuroendocrinology</i> , 2017, 83, 111-121.	1.3	33
4850	Contextual and Developmental Differences in the Neural Architecture of Cognitive Control. <i>Journal of Neuroscience</i> , 2017, 37, 7711-7726.	1.7	11
4851	Longitudinal Changes in White Matter Fractional Anisotropy in Adult-Onset Niemann-Pick Disease Type C Patients Treated with Miglustat. <i>JIMD Reports</i> , 2017, 39, 39-43.	0.7	10
4852	Microstructural abnormalities in white and gray matter in obese adolescents with and without type 2 diabetes. <i>NeuroImage: Clinical</i> , 2017, 16, 43-51.	1.4	60
4853	Age-related white matter integrity differences in oldest-old without dementia. <i>Neurobiology of Aging</i> , 2017, 56, 108-114.	1.5	36
4854	Subthalamic deep brain stimulation sweet spots and hyperdirect cortical connectivity in Parkinson's disease. <i>NeuroImage</i> , 2017, 158, 332-345.	2.1	197
4855	Pathology of callosal damage in ALS: An ex-vivo, 7 T diffusion tensor MRI study. <i>NeuroImage: Clinical</i> , 2017, 15, 200-208.	1.4	40
4856	The relationship between cortical lesions and periventricular NAWM abnormalities suggests a shared mechanism of injury in primary-progressive MS. <i>NeuroImage: Clinical</i> , 2017, 16, 111-115.	1.4	12
4857	Associations between self-reported sleep quality and white matter in community-dwelling older adults: A prospective cohort study. <i>Human Brain Mapping</i> , 2017, 38, 5465-5473.	1.9	87

#	ARTICLE	IF	CITATIONS
4858	Influence of physiological noise on accelerated 2D and 3D resting state functional MRI data at 7T. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 888-896.	1.9	34
4859	Distinct resting-state functional connections associated with episodic and visuospatial memory in older adults. <i>NeuroImage</i> , 2017, 159, 122-130.	2.1	22
4860	Precision Functional Mapping of Individual Human Brains. <i>Neuron</i> , 2017, 95, 791-807.e7.	3.8	948
4861	Motor correlates of phantom limb pain. <i>Cortex</i> , 2017, 95, 29-36.	1.1	36
4862	Combined resting state functional magnetic resonance imaging and diffusion tensor imaging study in patients with idiopathic restless legs syndrome. <i>Sleep Medicine</i> , 2017, 38, 96-103.	0.8	24
4863	Magnetic Resonance Imaging of the Brain of a Monotreme, the Short-Beaked Echidna (<i>Tachyglossus</i>). <i>Trends in Neurosciences</i> , 2017, 40, 107-114.	0.9	4
4864	Task relevance modulates the cortical representation of feature conjunctions in the target template. <i>Scientific Reports</i> , 2017, 7, 4514.	1.6	9
4865	Takotsubo Syndrome – Predictable from brain imaging data. <i>Scientific Reports</i> , 2017, 7, 5434.	1.6	32
4866	Visualization of kidney fibrosis in diabetic nephropathy by long diffusion tensor imaging MRI with spin-echo sequence. <i>Scientific Reports</i> , 2017, 7, 5731.	1.6	27
4867	Unique prefrontal GABA and glutamate disturbances in co-occurring bipolar disorder and alcohol dependence. <i>Translational Psychiatry</i> , 2017, 7, e1163-e1163.	2.4	60
4868	Injury of the dentato-rubro-thalamic tract in patients with cerebellar infarct. <i>Medicine (United States)</i> , 2017, 96, e7356.	0.4	4
4869	Open-Label Allopregnanolone Treatment of Men with Fragile X-Associated Tremor/Ataxia Syndrome. <i>Neurotherapeutics</i> , 2017, 14, 1073-1083.	2.1	43
4870	Resting-state functional connectivity changes due to acute and short-term valproic acid administration in the baboon model of GGE. <i>NeuroImage: Clinical</i> , 2017, 16, 132-141.	1.4	8
4871	Injury of optic radiation and visual field defect in a patient with aneurysmal subarachnoid hemorrhage. <i>Medicine (United States)</i> , 2017, 96, e7356.	0.4	4
4872	Partial volume model for brain MRI scan using MP2RAGE. <i>Human Brain Mapping</i> , 2017, 38, 5115-5127.	1.9	9
4873	Non-magnetic compliant finger sensor for continuous fine motor movement detection. <i>Biomedical Engineering Letters</i> , 2017, 7, 215-219.	2.1	1
4874	7 Tesla 22-channel wrap-around coil array for cervical spinal cord and brainstem imaging. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 1623-1634.	1.9	33
4875	Cortico-thalamic disconnection in a patient with supernumerary phantom limb. <i>Experimental Brain Research</i> , 2017, 235, 3163-3174.	0.7	11

#	ARTICLE	IF	CITATIONS
4876	Hypersomnia due to injury of the ventral ascending reticular activating system following cerebellar herniation. <i>Medicine (United States)</i> , 2017, 96, e5678.	0.4	7
4877	Combination antiretroviral therapy improves cognitive performance and functional connectivity in treatment-naïve HIV-infected individuals. <i>Journal of NeuroVirology</i> , 2017, 23, 704-712.	1.0	44
4878	Sex-specific effects of COMT Val158Met polymorphism on corpus callosum structure: A whole-brain diffusion-weighted imaging study. <i>Brain and Behavior</i> , 2017, 7, e00786.	1.0	4
4879	Associations between dynamic functional connectivity and age, metabolic risk, and cognitive performance. <i>Neurobiology of Aging</i> , 2017, 59, 135-143.	1.5	58
4880	Diffusion Basis Spectral Imaging Detects Ongoing Brain Inflammation in Virologically Well-Controlled HIV+ Patients. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2017, 76, 423-430.	0.9	32
4881	White matter tract integrity is associated with antidepressant response to lurasidone in bipolar depression. <i>Bipolar Disorders</i> , 2017, 19, 444-449.	1.1	12
4882	Cerebral white matter structure is disrupted in Gulf War Veterans with chronic musculoskeletal pain. <i>Pain</i> , 2017, 158, 2364-2375.	2.0	30
4883	Improvement of olfactory function after sinus surgery correlates with white matter properties measured by diffusion tensor imaging. <i>Neuroscience</i> , 2017, 360, 190-196.	1.1	13
4884	Neural predictors of motor control and impact of visuo-proprioceptive information in youth. <i>Human Brain Mapping</i> , 2017, 38, 5628-5647.	1.9	6
4885	Structural reorganization of the early visual cortex following Braille training in sighted adults. <i>Scientific Reports</i> , 2017, 7, 17448.	1.6	25
4886	Extensive Tonotopic Mapping across Auditory Cortex Is Recapitulated by Spectrally Directed Attention and Systematically Related to Cortical Myeloarchitecture. <i>Journal of Neuroscience</i> , 2017, 37, 12187-12201.	1.7	27
4887	Mental States in Moving Shapes: Distinct Cortical and Subcortical Contributions to Theory of Mind Impairments in Dementia. <i>Journal of Alzheimer's Disease</i> , 2017, 61, 521-535.	1.2	52
4888	Shared Reading Quality and Brain Activation during Story Listening in Preschool-Age Children. <i>Journal of Pediatrics</i> , 2017, 191, 204-211.e1.	0.9	66
4889	White matter structural connectivity and episodic memory in early childhood. <i>Developmental Cognitive Neuroscience</i> , 2017, 28, 41-53.	1.9	28
4890	Development of corticostriatal connectivity constrains goal-directed behavior during adolescence. <i>Nature Communications</i> , 2017, 8, 1605.	5.8	47
4891	Short-term reward experience biases inference despite dissociable neural correlates. <i>Nature Communications</i> , 2017, 8, 1690.	5.8	18
4892	Temporal gradient during famous face naming is associated with lower cerebral blood flow and gray matter volume in aging. <i>Neuropsychologia</i> , 2017, 107, 76-83.	0.7	5
4893	Noise Exposure Effect on Selective Inflammatory Markers of Wistar Albino Rats Immune Organs and Role of <i>Scoparia dulcis</i> . <i>Journal of Biologically Active Products From Nature</i> , 2017, 7, 294-310.	0.1	2

#	ARTICLE	IF	CITATIONS
4894	Identification of a Neurocognitive Mechanism Underpinning Awareness of Chronic Tinnitus. <i>Scientific Reports</i> , 2017, 7, 15220.	1.6	20
4895	Individual differences in social desirability are associated with white-matter microstructure of the external capsule. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2017, 17, 1255-1264.	1.0	18
4896	A translational study on looming-evoked defensive response and the underlying subcortical pathway in autism. <i>Scientific Reports</i> , 2017, 7, 14755.	1.6	18
4897	Voxel-based morphometry multi-center mega-analysis of brain structure in social anxiety disorder. <i>NeuroImage: Clinical</i> , 2017, 16, 678-688.	1.4	68
4898	Spatiotemporal mapping of epileptic spikes using simultaneous EEG-functional MRI. <i>Brain</i> , 2017, 140, 998-1010.	3.7	13
4899	White matter abnormalities in treatment-naive adolescents at the earliest stages of Anorexia Nervosa: A diffusion tensor imaging study. <i>Psychiatry Research - Neuroimaging</i> , 2017, 266, 138-145.	0.9	45
4900	Cortical and vascular probability maps for analysis of human brain in computed tomography images. , 2017, , .		2
4901	Structural neuroimaging correlates of alcohol and cannabis use in adolescents and adults. <i>Addiction</i> , 2017, 112, 2144-2154.	1.7	36
4902	Inhibitory rTMS of secondary somatosensory cortex reduces intensity but not pleasantness of gentle touch. <i>Neuroscience Letters</i> , 2017, 653, 84-91.	1.0	26
4903	Machine-learning classification of 22q11.2 deletion syndrome: A diffusion tensor imaging study. <i>NeuroImage: Clinical</i> , 2017, 15, 832-842.	1.4	22
4904	Insight into the labeling mechanism of acceleration selective arterial spin labeling. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2017, 30, 165-174.	1.1	10
4905	Cognitive performance in healthy older adults relates to spontaneous switching between states of functional connectivity during rest. <i>Scientific Reports</i> , 2017, 7, 5135.	1.6	257
4906	Assessing structure and function of myelin in cervical spondylotic myelopathy. <i>Neurology</i> , 2017, 89, 602-610.	1.5	45
4907	The relation between the motor evoked potential and diffusion tensor tractography for the corticospinal tract in chronic hemiparetic patients with cerebral infarct. <i>Somatosensory & Motor Research</i> , 2017, 34, 134-138.	0.4	9
4908	Cortical evidence for negative search templates. <i>Visual Cognition</i> , 2017, 25, 278-290.	0.9	45
4909	Lipoic acid in secondary progressive MS. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2017, 4, e374.	3.1	98
4910	Deep auto-context convolutional neural networks for standard-dose PET image estimation from low-dose PET/MRI. <i>Neurocomputing</i> , 2017, 267, 406-416.	3.5	205
4911	White matter correlates of impaired attention control in major depressive disorder and healthy volunteers. <i>Journal of Affective Disorders</i> , 2017, 222, 103-111.	2.0	26

#	ARTICLE	IF	CITATIONS
4912	Investigating changes in resting-state connectivity from functional MRI data in patients with HIV associated neurocognitive disorder using MCA and machine learning. <i>Proceedings of SPIE</i> , 2017, 10137, .	0.8	2
4913	Identifying HIV associated neurocognitive disorder using large-scale Granger causality analysis on resting-state functional MRI. <i>Proceedings of SPIE</i> , 2017, 10133, .	0.8	2
4914	Timing of caloric intake during weight loss differentially affects striatal dopamine transporter and thalamic serotonin transporter binding. <i>FASEB Journal</i> , 2017, 31, 4345-4554.	0.2	23
4915	Amygdala Volume Differences in Autism Spectrum Disorder Are Related to Anxiety. <i>Journal of Autism and Developmental Disorders</i> , 2017, 47, 3682-3691.	1.7	55
4916	Neuroinflammation in obesity: circulating lipopolysaccharide-binding protein associates with brain structure and cognitive performance. <i>International Journal of Obesity</i> , 2017, 41, 1627-1635.	1.6	38
4917	Spatiotemporal neural characterization of prediction error valence and surprise during reward learning in humans. <i>Scientific Reports</i> , 2017, 7, 4762.	1.6	41
4918	Structural changes in Parkinson's disease: voxel-based morphometry and diffusion tensor imaging analyses based on 123I-MIBG uptake. <i>European Radiology</i> , 2017, 27, 5073-5079.	2.3	6
4919	In vivo visualization of the locus coeruleus in humans: quantifying the test-retest reliability. <i>Brain Structure and Function</i> , 2017, 222, 4203-4217.	1.2	80
4920	Early detection of cerebral microbleeds following traumatic brain injury using MRI in the hyper-acute phase. <i>Neuroscience Letters</i> , 2017, 655, 143-150.	1.0	38
4921	Clinically silent Alzheimer's and vascular pathologies influence brain networks supporting executive function in healthy older adults. <i>Neurobiology of Aging</i> , 2017, 58, 102-111.	1.5	15
4922	Reinstated episodic context guides sampling-based decisions for reward. <i>Nature Neuroscience</i> , 2017, 20, 997-1003.	7.1	120
4923	Intrinsular connectivity and somatosensory responsiveness in young children with ASD. <i>Molecular Autism</i> , 2017, 8, 25.	2.6	21
4924	Third-person self-talk facilitates emotion regulation without engaging cognitive control: Converging evidence from ERP and fMRI. <i>Scientific Reports</i> , 2017, 7, 4519.	1.6	63
4925	ENIGMA-Viewer: interactive visualization strategies for conveying effect sizes in meta-analysis. <i>BMC Bioinformatics</i> , 2017, 18, 253.	1.2	5
4926	White matter damage and systemic inflammation in Parkinson's disease. <i>BMC Neuroscience</i> , 2017, 18, 48.	0.8	48
4927	Association between total-Tau and brain atrophy one year after first-ever stroke. <i>BMC Neurology</i> , 2017, 17, 107.	0.8	10
4928	Distinguishing early and late brain aging from the Alzheimer's disease spectrum: consistent morphological patterns across independent samples. <i>NeuroImage</i> , 2017, 158, 282-295.	2.1	41
4929	Patterns of activation and de-activation associated with cue-guided spatial navigation: A whole-brain, voxel-based study. <i>Neuroscience</i> , 2017, 358, 70-78.	1.1	1

#	ARTICLE	IF	CITATIONS
4930	Loss of integrity and atrophy in cingulate structural covariance networks in Parkinson's disease. <i>NeuroImage: Clinical</i> , 2017, 15, 587-593.	1.4	32
4931	Accelerated Changes in Cortical Thickness Measurements with Age in Military Service Members with Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2017, 34, 3107-3116.	1.7	28
4932	Modulation of cognitive cerebello-cerebral functional connectivity by lateral cerebellar continuous theta burst stimulation. <i>NeuroImage</i> , 2017, 158, 48-57.	2.1	72
4933	Spatial working memory in neurofibromatosis 1: Altered neural activity and functional connectivity. <i>NeuroImage: Clinical</i> , 2017, 15, 801-811.	1.4	22
4934	Brain functional connectivity difference in the complete network of an entire village: the role of social network size and embeddedness. <i>Scientific Reports</i> , 2017, 7, 4465.	1.6	23
4935	Calretinin interneuron density in the caudate nucleus is lower in autism spectrum disorder. <i>Brain</i> , 2017, 140, 2028-2040.	3.7	40
4936	Restoration of the ascending reticular activating system compressed by hematoma in a stroke patient. <i>Medicine (United States)</i> , 2017, 96, e6103.	0.4	4
4937	Lateralized microstructural changes in early-stage Parkinson's disease in anterior olfactory structures, but not in substantia nigra. <i>Journal of Neurology</i> , 2017, 264, 1497-1505.	1.8	16
4938	Decreased cerebral perfusion in Duchenne muscular dystrophy patients. <i>Neuromuscular Disorders</i> , 2017, 27, 29-37.	0.3	28
4939	Dynamic functional connectivity in bipolar disorder is associated with executive function and processing speed: A preliminary study.. <i>Neuropsychology</i> , 2017, 31, 73-83.	1.0	89
4940	The impact of <i>CACNA1C</i> gene, and its epistasis with <i>ZNF804A</i> , on white matter microstructure in health, schizophrenia and bipolar disorder. <i>Genes, Brain and Behavior</i> , 2017, 16, 479-488.	1.1	49
4941	Reduction of Motion Artifacts and Noise Using Independent Component Analysis in Task-Based Functional MRI for Preoperative Planning in Patients with Brain Tumor. <i>American Journal of Neuroradiology</i> , 2017, 38, 336-342.	1.2	12
4942	Microstructure of the Default Mode Network in Preterm Infants. <i>American Journal of Neuroradiology</i> , 2017, 38, 343-348.	1.2	17
4943	The real-time fMRI neurofeedback based stratification of Default Network Regulation Neuroimaging data repository. <i>NeuroImage</i> , 2017, 146, 157-170.	2.1	37
4944	Marked brain asymmetry with intact cognitive functioning in idiopathic Parkinson's disease: a longitudinal analysis. <i>Clinical Neuropsychologist</i> , 2017, 31, 654-675.	1.5	12
4945	White matter structure in the right planum temporale region correlates with visual motion detection thresholds in deaf people. <i>Hearing Research</i> , 2017, 343, 64-71.	0.9	19
4946	The role of white matter microstructure in inhibitory deficits in patients with schizophrenia. <i>Brain Stimulation</i> , 2017, 10, 283-290.	0.7	9
4947	Phase II study of tivozanib, an oral VEGFR inhibitor, in patients with recurrent glioblastoma. <i>Journal of Neuro-Oncology</i> , 2017, 131, 603-610.	1.4	69

#	ARTICLE	IF	CITATIONS
4948	A Comparative evaluation of voxel-based spatial mapping in diffusion tensor imaging. <i>NeuroImage</i> , 2017, 146, 100-112.	2.1	22
4949	Brain connectivity aberrations in anabolic-androgenic steroid users. <i>NeuroImage: Clinical</i> , 2017, 13, 62-69.	1.4	56
4950	Additive effects of oxytocin receptor gene polymorphisms on reward circuitry in youth with autism. <i>Molecular Psychiatry</i> , 2017, 22, 1134-1139.	4.1	35
4951	Brain structural imaging of receptive speech and beyond: a review of current methods. <i>Language, Cognition and Neuroscience</i> , 2017, 32, 870-890.	0.7	5
4952	Differential Impairment of Thalamocortical Structural Connectivity in Amyotrophic Lateral Sclerosis. <i>CNS Neuroscience and Therapeutics</i> , 2017, 23, 155-161.	1.9	9
4953	Microstructural changes of brain in patients with aromatic Lâ€amino acid decarboxylase deficiency. <i>Human Brain Mapping</i> , 2017, 38, 1532-1540.	1.9	15
4954	Basal ganglia structure in Tourette's disorder and/or attentionâ€deficit/hyperactivity disorder. <i>Movement Disorders</i> , 2017, 32, 601-604.	2.2	16
4955	White matter microstructure of patients with neurofibromatosis type 1 and its relation to inhibitory control. <i>Brain Imaging and Behavior</i> , 2017, 11, 1731-1740.	1.1	28
4956	Brain Network Architecture and Global Intelligence in Children with Focal Epilepsy. <i>American Journal of Neuroradiology</i> , 2017, 38, 349-356.	1.2	19
4957	Disassociation between brain activation and executive function in fragile X premutation females. <i>Human Brain Mapping</i> , 2017, 38, 1056-1067.	1.9	7
4958	Cognitive fatigue is associated with reduced anterior internal capsule integrity in veterans with history of mild to moderate traumatic brain injury. <i>Brain Imaging and Behavior</i> , 2017, 11, 1548-1554.	1.1	18
4959	Sleep spindles: a physiological marker of age-related changes in gray matter in brain regions supporting motor skill memory consolidation. <i>Neurobiology of Aging</i> , 2017, 49, 154-164.	1.5	88
4960	A new neonatal cortical and subcortical brain atlas: the Melbourne Children's Regional Infant Brain (M-CRIB) atlas. <i>NeuroImage</i> , 2017, 147, 841-851.	2.1	74
4961	The effects of HIV and aging on subcortical shape alterations: A 3D morphometric study. <i>Human Brain Mapping</i> , 2017, 38, 1025-1037.	1.9	32
4962	Quantitative Diffusion Tensor Imaging Analysis of Low-Grade Gliomas: From Preclinical Application to Patient Care. <i>World Neurosurgery</i> , 2017, 97, 333-343.	0.7	11
4963	Resting-State Magnetoencephalography Reveals Different Patterns of Aberrant Functional Connectivity in Combat-Related Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2017, 34, 1412-1426.	1.7	44
4964	Perception of Impossible Scenes Reveals Differential Hippocampal and Parahippocampal Place Area Contributions to Spatial Coherency. <i>Hippocampus</i> , 2017, 27, 61-76.	0.9	13
4965	Functional connectivity abnormalities and associated cognitive deficits in fetal alcohol Spectrum disorders (FASD). <i>Brain Imaging and Behavior</i> , 2017, 11, 1432-1445.	1.1	51

#	ARTICLE	IF	CITATIONS
4966	The Involvement of Speed-of-Processing in Story Listening in Preschool Children: A Functional and Structural Connectivity Study. <i>Neuropediatrics</i> , 2017, 48, 019-029.	0.3	5
4967	Increased brain connectivity and activation after cognitive rehabilitation in Parkinson's disease: a randomized controlled trial. <i>Brain Imaging and Behavior</i> , 2017, 11, 1640-1651.	1.1	43
4968	Mechanical characterization of human brain tissue. <i>Acta Biomaterialia</i> , 2017, 48, 319-340.	4.1	423
4969	Altered functional connectivity of interoception in illness anxiety disorder. <i>Cortex</i> , 2017, 86, 22-32.	1.1	28
4970	Neuroplasticity Associated With Anterior Cruciate Ligament Reconstruction. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2017, 47, 180-189.	1.7	160
4971	The anterior hypothalamus in cluster headache. <i>Cephalalgia</i> , 2017, 37, 1039-1050.	1.8	50
4972	Recovery of White Matter following Pediatric Traumatic Brain Injury Depends on Injury Severity. <i>Journal of Neurotrauma</i> , 2017, 34, 798-806.	1.7	29
4973	The Relation between Infant Covert Orienting, Sustained Attention and Brain Activity. <i>Brain Topography</i> , 2017, 30, 198-219.	0.8	34
4974	Decreased between-hemisphere connectivity strength and network efficiency in geriatric depression. <i>Human Brain Mapping</i> , 2017, 38, 53-67.	1.9	33
4975	Measurement of Hypothalamic Glucose Under Euglycemia and Hyperglycemia by MRI at 3T. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 45, 681-691.	1.9	14
4976	Abnormal white matter integrity during pain-free periovulation is associated with pain intensity in primary dysmenorrhea. <i>Brain Imaging and Behavior</i> , 2017, 11, 1061-1070.	1.1	15
4977	Functional and neurochemical interactions within the amygdala-medial prefrontal cortex circuit and their relevance to emotional processing. <i>Brain Structure and Function</i> , 2017, 222, 1267-1279.	1.2	43
4978	Comparison of two quantitative proton density mapping methods in multiple sclerosis. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2017, 30, 75-83.	1.1	4
4979	Connectivity-based parcellation of the macaque frontal cortex, and its relation with the cytoarchitectonic distribution described in current atlases. <i>Brain Structure and Function</i> , 2017, 222, 1331-1349.	1.2	18
4980	A matter of hand: Causal links between hand dominance, structural organization of fronto-parietal attention networks, and variability in behavioural responses to transcranial magnetic stimulation. <i>Cortex</i> , 2017, 86, 230-246.	1.1	28
4981	Reversing the Standard Neural Signature of the Word-Nonword Distinction. <i>Journal of Cognitive Neuroscience</i> , 2017, 29, 79-94.	1.1	23
4982	Auditory and visual connectivity gradients in frontoparietal cortex. <i>Human Brain Mapping</i> , 2017, 38, 255-270.	1.9	35
4983	Attenuation of Frontostriatal Connectivity During Reward Processing Predicts Response to Psychotherapy in Major Depressive Disorder. <i>Neuropsychopharmacology</i> , 2017, 42, 831-843.	2.8	57

#	ARTICLE	IF	CITATIONS
4984	On the accuracy and reproducibility of a novel probabilistic atlas-based generation for calculation of head attenuation maps on integrated PET/MR scanners. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 44, 398-407.	3.3	19
4985	Greater response variability in adolescents is associated with increased white matter development. <i>Social Cognitive and Affective Neuroscience</i> , 2017, 12, 436-444.	1.5	15
4986	Reduced Left Lateralization of Language in Congenitally Blind Individuals. <i>Journal of Cognitive Neuroscience</i> , 2017, 29, 65-78.	1.1	37
4987	DTI-based connectome analysis of adolescents with major depressive disorder reveals hypoconnectivity of the right caudate. <i>Journal of Affective Disorders</i> , 2017, 207, 18-25.	2.0	54
4988	Altered reward expectancy in individuals with recent methamphetamine dependence. <i>Journal of Psychopharmacology</i> , 2017, 31, 17-30.	2.0	15
4989	Altered White Matter and Sensory Response to Bodily Sensation in Female-to-Male Transgender Individuals. <i>Archives of Sexual Behavior</i> , 2017, 46, 1223-1237.	1.2	28
4990	Resting-state functional connectivity of the amygdala and longitudinal changes in depression severity in adolescent depression. <i>Journal of Affective Disorders</i> , 2017, 207, 86-94.	2.0	118
4991	Neural mechanisms of cue-approach training. <i>NeuroImage</i> , 2017, 151, 92-104.	2.1	25
4992	Aberrant Cerebellar Connectivity in Bipolar Disorder With Psychosis. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017, 2, 438-448.	1.1	35
4993	Network Organization Is Globally Atypical in Autism: A Graph Theory Study of Intrinsic Functional Connectivity. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017, 2, 66-75.	1.1	70
4994	Targeted transcranial theta-burst stimulation alters fronto-insular network and prefrontal GABA. <i>NeuroImage</i> , 2017, 146, 395-403.	2.1	86
4995	Simultaneous total intracranial volume and posterior fossa volume estimation using multi-atlas label fusion. <i>Human Brain Mapping</i> , 2017, 38, 599-616.	1.9	32
4996	Diffusion tensor imaging predicts motor outcome in children with acquired brain injury. <i>Brain Imaging and Behavior</i> , 2017, 11, 1373-1384.	1.1	16
4997	Early effects of a high-caloric diet and physical exercise on brain volumetry and behavior: a combined MRI and histology study in mice. <i>Brain Imaging and Behavior</i> , 2017, 11, 1385-1396.	1.1	29
4998	Segmenting and validating brain tissue definitions in the presence of varying tissue contrast. <i>Magnetic Resonance Imaging</i> , 2017, 35, 98-116.	1.0	2
4999	Integration demands modulate effective connectivity in a fronto-temporal network for contextual sentence integration. <i>NeuroImage</i> , 2017, 147, 812-824.	2.1	20
5000	In vivo detection of connectivity between cortical and white matter lesions in early MS. <i>Multiple Sclerosis Journal</i> , 2017, 23, 973-981.	1.4	4
5001	A diffusion tensor imaging atlas of white matter in tree shrew. <i>Brain Structure and Function</i> , 2017, 222, 1733-1751.	1.2	14

#	ARTICLE	IF	CITATIONS
5002	The self-reference effect in dementia: Differential involvement of cortical midline structures in Alzheimer's disease and behavioural-variant frontotemporal dementia. <i>Cortex</i> , 2017, 91, 169-185.	1.1	30
5003	Multi-template analysis of human perirhinal cortex in brain MRI: Explicitly accounting for anatomical variability. <i>NeuroImage</i> , 2017, 144, 183-202.	2.1	30
5004	SCT: Spinal Cord Toolbox, an open-source software for processing spinal cord MRI data. <i>NeuroImage</i> , 2017, 145, 24-43.	2.1	390
5005	Mapping white-matter functional organization at rest and during naturalistic visual perception. <i>NeuroImage</i> , 2017, 146, 1128-1141.	2.1	86
5006	Measuring Brain Tissue Integrity during 4 Years Using Diffusion Tensor Imaging. <i>American Journal of Neuroradiology</i> , 2017, 38, 31-38.	1.2	20
5007	The brain-derived neurotrophic factor Val66Met polymorphism affects encoding of object locations during active navigation. <i>European Journal of Neuroscience</i> , 2017, 45, 1501-1511.	1.2	8
5008	Beta-adrenergic antagonism modulates functional connectivity in the default mode network of individuals with and without autism spectrum disorder. <i>Brain Imaging and Behavior</i> , 2017, 11, 1278-1289.	1.1	28
5009	Reproducibility and variation of diffusion measures in the squirrel monkey brain, in vivo and ex vivo. <i>Magnetic Resonance Imaging</i> , 2017, 35, 29-38.	1.0	22
5010	White Matter Changes and Confrontation Naming in Retired Aging National Football League Athletes. <i>Journal of Neurotrauma</i> , 2017, 34, 372-379.	1.7	35
5011	The Neuro Bureau ADHD-200 Preprocessed repository. <i>NeuroImage</i> , 2017, 144, 275-286.	2.1	183
5012	Overweight adolescents' brain response to sweetened beverages mirrors addiction pathways. <i>Brain Imaging and Behavior</i> , 2017, 11, 925-935.	1.1	40
5013	Tract-specific white matter hyperintensities disrupt neural network function in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2017, 13, 225-235.	0.4	49
5014	Cerebral blood flow response to hypoglycemia is altered in patients with type 1 diabetes and impaired awareness of hypoglycemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 1994-2001.	2.4	25
5015	Diffusion Tensor Imaging to Map Brain Microstructural Changes in CADASIL. <i>Journal of Neuroimaging</i> , 2017, 27, 85-91.	1.0	22
5016	Increased perceived stress is related to decreased prefrontal cortex volumes among older adults. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2017, 39, 313-325.	0.8	20
5017	Age-related decline in task switching is linked to both global and tract-specific changes in white matter microstructure. <i>Human Brain Mapping</i> , 2017, 38, 1588-1603.	1.9	18
5018	Individual differences in brainstem and basal ganglia structure predict postural control and balance loss in young and older adults. <i>Neurobiology of Aging</i> , 2017, 50, 47-59.	1.5	52
5019	Insight and white matter fractional anisotropy in first-episode schizophrenia. <i>Schizophrenia Research</i> , 2017, 183, 88-94.	1.1	19

#	ARTICLE	IF	CITATIONS
5020	Reorganization of brain connectivity in obesity. <i>Human Brain Mapping</i> , 2017, 38, 1403-1420.	1.9	65
5021	Efficient hubs in the intelligent brain: Nodal efficiency of hub regions in the salience network is associated with general intelligence. <i>Intelligence</i> , 2017, 60, 10-25.	1.6	90
5022	White matter integrity between left basal ganglia and left prefrontal cortex is compromised in gambling disorder. <i>Addiction Biology</i> , 2017, 22, 1590-1600.	1.4	8
5023	Motion-related artifacts in structural brain images revealed with independent estimates of in-scanner head motion. <i>Human Brain Mapping</i> , 2017, 38, 472-492.	1.9	151
5024	Time related effects on functional brain connectivity after serotonergic and cholinergic neuromodulation. <i>Human Brain Mapping</i> , 2017, 38, 308-325.	1.9	30
5025	Disentangling disorders of consciousness: Insights from diffusion tensor imaging and machine learning. <i>Human Brain Mapping</i> , 2017, 38, 431-443.	1.9	71
5026	The Temporal Instability of Resting State Network Connectivity in Intractable Epilepsy. <i>Human Brain Mapping</i> , 2017, 38, 528-540.	1.9	28
5027	Structural Brain Network Reorganization in Patients with Neuropsychiatric Systemic Lupus Erythematosus. <i>American Journal of Neuroradiology</i> , 2017, 38, 64-70.	1.2	8
5028	Compromised Neurocircuitry in Chronic Blast-Related Mild Traumatic Brain Injury. <i>Human Brain Mapping</i> , 2017, 38, 352-369.	1.9	43
5029	Individual-specific features of brain systems identified with resting state functional correlations. <i>NeuroImage</i> , 2017, 146, 918-939.	2.1	195
5030	Concurrent decrease of brain white matter tracts' thicknesses and fractional anisotropy after antenatal hypoxia-ischemia detected with tract-based spatial statistics analysis. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 45, 829-838.	1.9	5
5031	Altered white matter microstructure identified with tract-based spatial statistics in irritable bowel syndrome: a diffusion tensor imaging study. <i>Brain Imaging and Behavior</i> , 2017, 11, 1110-1116.	1.1	17
5032	Convergence of prefrontal and parietal anatomical projections in a connectional hub in the striatum. <i>NeuroImage</i> , 2017, 146, 821-832.	2.1	70
5033	GPU-Accelerated Features Extraction From Magnetic Resonance Images. <i>IEEE Access</i> , 2017, 5, 22634-22646.	2.6	13
5034	Absent-mindedness and injury of the ascending reticular activating system in a patient with mild traumatic brain injury. <i>Medicine (United States)</i> , 2017, 96, e9289.	0.4	2
5035	Detecting depression from fMRI using relational association rules and artificial neural networks. , 2017, , .		3
5036	Injury of the cortico-ponto-cerebellar tract in a patient with mild traumatic brain injury. <i>Medicine (United States)</i> , 2017, 96, e8749.	0.4	14
5037	Brain Functional Connectivity in Small Cell Lung Cancer Population after Chemotherapy Treatment: an ICA fMRI Study. <i>Journal of Physics: Conference Series</i> , 2017, 931, 012041.	0.3	1

#	ARTICLE	IF	CITATIONS
5038	Imaging genetics approach to predict progression of Parkinson's diseases. , 2017, 2017, 3922-3925.		0
5039	Deviations from the physiological, ultradian glucocorticoid rhythm are accompanied by altered behavioural and fMRI responses to emotional stimulation. <i>European Neuropsychopharmacology</i> , 2017, 27, S702-S703.	0.3	0
5040	High angular resolution diffusion imaging correlates of depression in Parkinson's disease: a connectometry study. <i>European Neuropsychopharmacology</i> , 2017, 27, S703-S704.	0.3	0
5041	Inverted activity patterns in ventromedial prefrontal cortex during value-guided decision-making in a less-is-more task. <i>Nature Communications</i> , 2017, 8, 1886.	5.8	44
5042	Non-local diffusion-weighted image super-resolution using collaborative joint information. <i>Experimental and Therapeutic Medicine</i> , 2018, 15, 217-225.	0.8	3
5043	Neuroanatomical Comparison of the 'Word' and 'Picture' Versions of the Free and Cued Selective Reminding Test in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2017, 61, 589-600.	1.2	17
5044	Structural imaging in premanifest and manifest Huntington disease. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2017, 144, 247-261.	1.0	18
5045	Love flows downstream: mothers' and children's neural representation similarity in perceiving distress of self and family. <i>Social Cognitive and Affective Neuroscience</i> , 2017, 12, 1916-1927.	1.5	17
5046	A neuroanatomical predictor of mirror self-recognition in chimpanzees. <i>Social Cognitive and Affective Neuroscience</i> , 2017, 12, 37-48.	1.5	63
5047	GPU-based Gray-Level Co-occurrence Matrix for Extracting Features from Magnetic Resonance Images. , 2017, , .		0
5048	Studying the effective brain connectivity using multiregression dynamic models. <i>Brazilian Journal of Probability and Statistics</i> , 2017, 31, .	0.1	4
5049	Recovery of aphasia and change of injured arcuate fasciculus in the dominant hemisphere in stroke patients. <i>NeuroRehabilitation</i> , 2017, 41, 759-764.	0.5	14
5050	A critical analysis of the methods of evaluating MRI brain segmentation algorithms. , 2017, , .		3
5051	Orbitofrontal cortex mediates pain inhibition by monetary reward. <i>Social Cognitive and Affective Neuroscience</i> , 2017, 12, 651-661.	1.5	55
5052	Incremental value of biomarker combinations to predict progression of mild cognitive impairment to Alzheimer's dementia. <i>Alzheimer's Research and Therapy</i> , 2017, 9, 84.	3.0	58
5053	An Optimal Transportation Based Univariate Neuroimaging Index. , 2017, , .		1
5054	Limb-kinetic apraxia in a patient with mild traumatic brain injury. <i>Medicine (United States)</i> , 2017, 96, e9008.	0.4	7
5055	Contribution to speech development of the right anterior putamen revealed with multivariate tensor-based morphometry. , 2017, 2017, 3085-3087.		1

#	ARTICLE	IF	CITATIONS
5056	Spatial regularization based on dMRI to solve EEG/MEG inverse problem. , 2017, 2017, 3608-3611.		2
5057	Effects of Methylphenidate on Default-Mode Network/Task-Positive Network Synchronization in Children With ADHD. <i>Journal of Attention Disorders</i> , 2017, 21, 1208-1220.	1.5	34
5058	Suggestions to Reduce Clinical Fibromyalgia Pain and Experimentally Induced Pain Produce Parallel Effects on Perceived Pain but Divergent Functional MRI-Based Brain Activity. <i>Psychosomatic Medicine</i> , 2017, 79, 189-200.	1.3	11
5059	Extreme Mountain Ultra-Marathon Leads to Acute but Transient Increase in Cerebral Water Diffusivity and Plasma Biomarkers Levels Changes. <i>Frontiers in Physiology</i> , 2017, 7, 664.	1.3	16
5060	College Binge Drinking Associated with Decreased Frontal Activation to Negative Emotional Distractors during Inhibitory Control. <i>Frontiers in Psychology</i> , 2017, 8, 1650.	1.1	37
5061	Changes in White-Matter Connectivity in Late Second Language Learners: Evidence from Diffusion Tensor Imaging. <i>Frontiers in Psychology</i> , 2017, 8, 2040.	1.1	52
5062	A New Division of Schizophrenia Revealed Expanded Bilateral Brain Structural Abnormalities of the Association Cortices. <i>Frontiers in Psychiatry</i> , 2017, 8, 127.	1.3	5
5063	Altered Gray-Matter Volumes Associated With Betel Quid Dependence. <i>Frontiers in Psychiatry</i> , 2017, 8, 139.	1.3	12
5064	Alternations of White Matter Structural Networks in First Episode Untreated Major Depressive Disorder with Short Duration. <i>Frontiers in Psychiatry</i> , 2017, 8, 205.	1.3	14
5065	The Franciscan Prayer Elicits Empathic and Cooperative Intentions in Atheists: A Neurocognitive and Phenomenological Enquiry. <i>Frontiers in Sociology</i> , 2017, 2, .	1.0	5
5066	Image splicing detection using HMRF superpixel segmentation. , 2017, , .		0
5067	Diffusion tensor imaging of brain white matter in Huntington gene mutation individuals. <i>Arquivos De Neuro-Psiquiatria</i> , 2017, 75, 503-508.	0.3	9
5068	Shared and Disorder-Specific Neurocomputational Mechanisms of Decision-Making in Autism Spectrum Disorder and Obsessive-Compulsive Disorder. <i>Cerebral Cortex</i> , 2017, 27, 5804-5816.	1.6	29
5069	High-resolution 3D printing for healthcare underpinned by small-scale fluidics. , 2017, , 167-206.		18
5070	Diffusion Assessment of Cortical Changes, Induced by Traumatic Spinal Cord Injury. <i>Brain Sciences</i> , 2017, 7, 21.	1.1	28
5071	Increased Water Diffusion in the Parcellated Cortical Regions from the Patients with Amnesic Mild Cognitive Impairment and Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 325.	1.7	9
5072	Hearing Impairment Is Associated with Smaller Brain Volume in Aging. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 2.	1.7	66
5073	Neuromodulatory Effects of Auditory Training and Hearing Aid Use on Audiovisual Speech Perception in Elderly Individuals. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 30.	1.7	13

#	ARTICLE	IF	CITATIONS
5074	White Matter Deterioration May Foreshadow Impairment of Emotional Valence Determination in Early-Stage Dementia of the Alzheimer Type. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 37.	1.7	4
5075	Hippocampal and Amygdala Gray Matter Loss in Elderly Controls with Subtle Cognitive Decline. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 50.	1.7	56
5076	Plasma Tau Levels in Cognitively Normal Middle-Aged and Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 51.	1.7	37
5077	White Matter Integrity Declined Over 6-Months, but Dance Intervention Improved Integrity of the Fornix of Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 59.	1.7	111
5078	Diminished Posterior Precuneus Connectivity with the Default Mode Network Differentiates Normal Aging from Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 97.	1.7	61
5079	Retrospective Diagnosis of Parkinsonian Syndromes Using Whole-Brain Atrophy Rates. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 99.	1.7	8
5081	Associations between Mobility, Cognition, and Brain Structure in Healthy Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 155.	1.7	44
5082	Lower Activation in Frontal Cortex and Posterior Cingulate Cortex Observed during Sex Determination Test in Early-Stage Dementia of the Alzheimer Type. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 156.	1.7	0
5083	White Matter Tract Integrity in Alzheimer's Disease vs. Late Onset Bipolar Disorder and Its Correlation with Systemic Inflammation and Oxidative Stress Biomarkers. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 179.	1.7	16
5084	Age-Related Changes in Perirhinal Cortex Sensitivity to Configuration and Part Familiarity and Connectivity to Visual Cortex. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 291.	1.7	10
5085	Asymmetry of Hemispheric Network Topology Reveals Dissociable Processes between Functional and Structural Brain Connectome in Community-Living Elders. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 361.	1.7	28
5086	The Mirror Neurons Network in Aging, Mild Cognitive Impairment, and Alzheimer Disease: A functional MRI Study. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 371.	1.7	28
5087	Executive Functions in Healthy Older Adults Are Differentially Related to Macro- and Microstructural White Matter Characteristics of the Cerebral Lobes. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 373.	1.7	38
5088	Gray Matter Atrophy Is Primarily Related to Demyelination of Lesions in Multiple Sclerosis: A Diffusion Tensor Imaging MRI Study. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 23.	0.9	19
5089	Affective Circuitry Alterations in Patients with Trigeminal Neuralgia. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 73.	0.9	36
5090	Investigating Microstructural Abnormalities and Neurocognition in Sub-Acute and Chronic Traumatic Brain Injury Patients with Normal-Appearing White Matter: A Preliminary Diffusion Tensor Imaging Study. <i>Frontiers in Neurology</i> , 2017, 8, 97.	1.1	18
5091	Neural Plasticity in Moderate to Severe Chronic Stroke Following a Device-Assisted Task-Specific Arm/Hand Intervention. <i>Frontiers in Neurology</i> , 2017, 8, 284.	1.1	54
5092	Subregional Structural Alterations in Hippocampus and Nucleus Accumbens Correlate with the Clinical Impairment in Patients with Alzheimer's Disease Clinical Spectrum: Parallel Combining Volume and Vertex-Based Approach. <i>Frontiers in Neurology</i> , 2017, 8, 399.	1.1	57

#	ARTICLE	IF	CITATIONS
5093	White Matter Changes in HIV+ Women with a History of Cocaine Dependence. <i>Frontiers in Neurology</i> , 2017, 8, 562.	1.1	8
5094	Pronounced Structural and Functional Damage in Early Adult Pediatric-Onset Multiple Sclerosis with No or Minimal Clinical Disability. <i>Frontiers in Neurology</i> , 2017, 8, 608.	1.1	19
5095	Decoding Movement Goals from the Fronto-Parietal Reach Network. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 84.	1.0	23
5096	Executive Mechanisms for Thinking about Negative Situations in Both Cooperative and Non-Cooperative Contexts. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 275.	1.0	5
5097	Pseudo-Bootstrap Network Analysis—An Application in Functional Connectivity Fingerprinting. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 351.	1.0	3
5098	Disrupted Working Memory Circuitry in Adolescent Psychosis. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 394.	1.0	4
5099	Tablet-Based Functional MRI of the Trail Making Test: Effect of Tablet Interaction Mode. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 496.	1.0	23
5100	Cerebello-Cortical Differences in Effective Connectivity of the Dominant and Non-dominant Hand during a Visuomotor Paradigm of Grip Force Control. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 511.	1.0	20
5101	The Dancing Brain: Structural and Functional Signatures of Expert Dance Training. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 566.	1.0	56
5102	White Matter Microstructural Changes Following Quadrato Motor Training: A Longitudinal Study. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 590.	1.0	32
5103	Multimodal Discrimination of Schizophrenia Using Hybrid Weighted Feature Concatenation of Brain Functional Connectivity and Anatomical Features with an Extreme Learning Machine. <i>Frontiers in Neuroinformatics</i> , 2017, 11, 59.	1.3	58
5104	Changes in Cerebral Blood Flow during an Alteration in Glycemic State in a Large Non-human Primate (<i>Papio hamadryas</i> sp.). <i>Frontiers in Neuroscience</i> , 2017, 11, 49.	1.4	4
5105	Using Dual Regression to Investigate Network Shape and Amplitude in Functional Connectivity Analyses. <i>Frontiers in Neuroscience</i> , 2017, 11, 115.	1.4	332
5106	Hemispheric Differences in White Matter Microstructure between Two Profiles of Children with High Intelligence Quotient vs. Controls: A Tract-Based Statistics Study. <i>Frontiers in Neuroscience</i> , 2017, 11, 173.	1.4	25
5107	A Resilient, Non-neuronal Source of the Spatiotemporal Lag Structure Detected by BOLD Signal-Based Blood Flow Tracking. <i>Frontiers in Neuroscience</i> , 2017, 11, 256.	1.4	29
5108	Chronic Ketamine Exposure Causes White Matter Microstructural Abnormalities in Adolescent Cynomolgus Monkeys. <i>Frontiers in Neuroscience</i> , 2017, 11, 285.	1.4	18
5109	Macroanatomical Landmarks Featuring Junctions of Major Sulci and Fissures and Scalp Landmarks Based on the International 10–10 System for Analyzing Lateral Cortical Development of Infants. <i>Frontiers in Neuroscience</i> , 2017, 11, 394.	1.4	15
5110	Neural Response to Biological Motion in Healthy Adults Varies as a Function of Autistic-Like Traits. <i>Frontiers in Neuroscience</i> , 2017, 11, 404.	1.4	12

#	ARTICLE	IF	CITATIONS
5111	Neural Correlates of Early Sound Encoding and their Relationship to Speech-in-Noise Perception. <i>Frontiers in Neuroscience</i> , 2017, 11, 479.	1.4	67
5112	Unique Neural Characteristics of Atypical Lateralization of Language in Healthy Individuals. <i>Frontiers in Neuroscience</i> , 2017, 11, 525.	1.4	22
5113	Sensitivity to an Illusion of Sound Location in Human Auditory Cortex. <i>Frontiers in Systems Neuroscience</i> , 2017, 11, 35.	1.2	5
5114	Aberrant Cerebral Blood Flow in Response to Hunger and Satiety in Women Remitted from Anorexia Nervosa. <i>Frontiers in Nutrition</i> , 2017, 4, 32.	1.6	9
5115	Dynamic modulation of decision biases by brainstem arousal systems. <i>ELife</i> , 2017, 6, .	2.8	218
5116	Executive Functions and Neurocognitive Aging. , 2017, , 169-196.		15
5117	Thalamocortical Connectivity and Microstructural Changes in Congenital and Late Blindness. <i>Neural Plasticity</i> , 2017, 2017, 1-11.	1.0	31
5118	Measurements and models of electric fields in the in vivo human brain during transcranial electric stimulation. <i>ELife</i> , 2017, 6, .	2.8	412
5119	Functional Connectivity of the Pedunculopontine Nucleus and Surrounding Region in Parkinson's Disease. <i>Cerebral Cortex</i> , 2017, 27, 54-67.	1.6	22
5120	Plasma DNA Mediate Autonomic Dysfunctions and White Matter Injuries in Patients with Parkinson's Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-10.	1.9	12
5121	Trial-Level Regressor Modulation for Functional Magnetic Resonance Imaging Designs Requiring Strict Periodicity of Stimulus Presentations: Illustrated Using a Go/No-Go Task. <i>Magnetic Resonance Insights</i> , 2017, 10, 1178623X1774669.	2.5	2
5122	Altered Microstructural Caudate Integrity in Posttraumatic Stress Disorder but Not Traumatic Brain Injury. <i>PLoS ONE</i> , 2017, 12, e0170564.	1.1	18
5123	Limbic-thalamo-cortical projections and reward-related circuitry integrity affects eating behavior: A longitudinal DTI study in adolescents with restrictive eating disorders. <i>PLoS ONE</i> , 2017, 12, e0172129.	1.1	27
5124	Comparing resting state fMRI de-noising approaches using multi- and single-echo acquisitions. <i>PLoS ONE</i> , 2017, 12, e0173289.	1.1	79
5125	Natalizumab stabilizes physical, cognitive, MRI, and OCT markers of disease activity: A prospective, non-randomized pilot study. <i>PLoS ONE</i> , 2017, 12, e0173299.	1.1	13
5126	Parallel group independent component analysis for massive fMRI data sets. <i>PLoS ONE</i> , 2017, 12, e0173496.	1.1	8
5127	Active contours driven by local and global fitted image models for image segmentation robust to intensity inhomogeneity. <i>PLoS ONE</i> , 2017, 12, e0174813.	1.1	40
5128	Ultra-high field upper extremity peripheral nerve and non-contrast enhanced vascular imaging. <i>PLoS ONE</i> , 2017, 12, e0175629.	1.1	18

#	ARTICLE	IF	CITATIONS
5129	Concerning the matching of magnetic susceptibility differences for the compensation of background gradients in anisotropic diffusion fibre phantoms. PLoS ONE, 2017, 12, e0176192.	1.1	7
5130	How embarrassing! The behavioral and neural correlates of processing social norm violations. PLoS ONE, 2017, 12, e0176326.	1.1	30
5131	Diffusion tensor imaging profiles reveal specific neural tract distortion in normal pressure hydrocephalus. PLoS ONE, 2017, 12, e0181624.	1.1	34
5132	Similar white matter changes in schizophrenia and bipolar disorder: A tract-based spatial statistics study. PLoS ONE, 2017, 12, e0178089.	1.1	63
5133	White Matter Abnormalities in Two Different Subtypes of Amnesic Mild Cognitive Impairment. PLoS ONE, 2017, 12, e0170185.	1.1	20
5134	Beyond negative valence: 2-week administration of a serotonergic antidepressant enhances both reward and effort learning signals. PLoS Biology, 2017, 15, e2000756.	2.6	37
5135	Injury of ascending reticular activating system associated with delayed post-hypoxic leukoencephalopathy: a case report. BMC Neurology, 2017, 17, 139.	0.8	6
5136	A comparison of DTI pre-processing tools on a dataset of chronic subcortical stroke rehabilitation patients. , 2017, , .		0
5137	Assessing functional connectivity of brainstem nuclei in fMRI data. , 2017, , .		0
5138	The Healthy Brain Network Serial Scanning Initiative: a resource for evaluating inter-individual differences and their reliabilities across scan conditions and sessions. GigaScience, 2017, 6, 1-14.	3.3	66
5139	Populational brain models of diffusion tensor imaging for statistical analysis: a complementary information in common space. Research on Biomedical Engineering, 2017, 33, 269-275.	1.5	0
5140	Integrity of white matter structure is related to episodic memory performance in the low-educated elderly. Arquivos De Neuro-Psiquiatria, 2017, 75, 778-784.	0.3	6
5141	Predictors of Memory in Healthy Aging: Polyunsaturated Fatty Acid Balance and Fornix White Matter Integrity. , 2017, 8, 372.		26
5143	Chemotherapy-induced changes of cerebral activity in resting-state functional magnetic resonance imaging and cerebral white matter in diffusion tensor imaging. Oncotarget, 2017, 8, 81273-81284.	0.8	33
5144	Functional Imaging Changes in the Medial Prefrontal Cortex in Adult ADHD. Journal of Attention Disorders, 2018, 22, 679-693.	1.5	21
5145	Substantia nigra fractional anisotropy changes confirm the PD at-risk status of patients with idiopathic smell loss. Parkinsonism and Related Disorders, 2018, 50, 113-116.	1.1	11
5146	Task-residual functional connectivity of language and attention networks. Brain and Cognition, 2018, 122, 52-58.	0.8	17
5147	Persistence of Mania After Cessation of Stimulation Following Subthalamic Deep Brain Stimulation. Journal of Neuropsychiatry and Clinical Neurosciences, 2018, 30, 246-249.	0.9	13

#	ARTICLE	IF	CITATIONS
5148	Effect of Standard vs Intensive Blood Pressure Control on Cerebral Blood Flow in Small Vessel Disease. <i>JAMA Neurology</i> , 2018, 75, 720.	4.5	67
5149	Auditory structural connectivity in preterm and healthy term infants during the first postnatal year. <i>Developmental Psychobiology</i> , 2018, 60, 256-264.	0.9	6
5150	Stress evokes stronger medial posterior cingulate deactivations during emotional distraction in slower paced aging. <i>Biological Psychology</i> , 2018, 135, 84-92.	1.1	7
5151	Altered anatomical connections of associative and limbic cortico-basal-ganglia circuits in obsessive-compulsive disorder. <i>European Psychiatry</i> , 2018, 51, 1-8.	0.1	22
5152	A comparison of manual tracing and FreeSurfer for estimating hippocampal volume over the adult lifespan. <i>Human Brain Mapping</i> , 2018, 39, 2500-2513.	1.9	77
5153	A robust SSFP technique for fMRI at ultra-high field strengths. <i>Magnetic Resonance Imaging</i> , 2018, 50, 17-25.	1.0	5
5154	A Review on Tumor-Treating Fields (TTFields): Clinical Implications Inferred From Computational Modeling. <i>IEEE Reviews in Biomedical Engineering</i> , 2018, 11, 195-207.	13.1	69
5155	Functional and structural connectome properties in the 5XFAD transgenic mouse model of Alzheimer's disease. <i>Network Neuroscience</i> , 2018, 2, 241-258.	1.4	23
5156	The impact of fibre orientation on T1-relaxation and apparent tissue water content in white matter. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2018, 31, 501-510.	1.1	24
5157	High levels of mitochondrial DNA are associated with adolescent brain structural hypoconnectivity and increased anxiety but not depression. <i>Journal of Affective Disorders</i> , 2018, 232, 283-290.	2.0	17
5158	Simultaneous multislice triple-echo steady-state (SMS-TESS) $T_{1\rho}$, $T_{2\rho}$, PD, and off-resonance mapping in the human brain. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 1088-1100.	1.9	10
5159	Impairment of perceptual metacognitive accuracy and reduced prefrontal grey matter volume in first-episode psychosis. <i>Cognitive Neuropsychiatry</i> , 2018, 23, 165-179.	0.7	19
5160	Structural connectome with high angular resolution diffusion imaging MRI: assessing the impact of diffusion weighting and sampling on graph-theoretic measures. <i>Neuroradiology</i> , 2018, 60, 497-504.	1.1	8
5161	Acoustic and higher-level representations of naturalistic auditory scenes in human auditory and frontal cortex. <i>NeuroImage</i> , 2018, 173, 472-483.	2.1	17
5162	Depression is associated with dimensional and categorical effects on white matter pathways. <i>Depression and Anxiety</i> , 2018, 35, 440-447.	2.0	31
5163	The functional role of ventral anterior cingulate cortex in social evaluation: disentangling valence from subjectively rewarding opportunities. <i>Social Cognitive and Affective Neuroscience</i> , 2018, 13, 14-21.	1.5	22
5164	Optogenetic fMRI and electrophysiological identification of region-specific connectivity between the cerebellar cortex and forebrain. <i>NeuroImage</i> , 2018, 173, 370-383.	2.1	38
5165	Decoding the neural signatures of emotions expressed through sound. <i>NeuroImage</i> , 2018, 174, 1-10.	2.1	34

#	ARTICLE	IF	CITATIONS
5166	Fast periodic stimulation (FPS): a highly effective approach in fMRI brain mapping. <i>Brain Structure and Function</i> , 2018, 223, 2433-2454.	1.2	45
5167	Ventrolateral Motor Thalamus Abnormal Connectivity in Essential Tremor Before and After Thalamotomy: A Resting-State Functional Magnetic Resonance Imaging Study. <i>World Neurosurgery</i> , 2018, 113, e453-e464.	0.7	23
5168	Phase II Randomized Controlled Trial of Constraint-Induced Movement Therapy in Multiple Sclerosis. Part 2: Effect on White Matter Integrity. <i>Neurorehabilitation and Neural Repair</i> , 2018, 32, 233-241.	1.4	21
5169	Anisotropy of anomalous diffusion improves the accuracy of differentiating low- and high-grade cerebral gliomas. <i>Magnetic Resonance Imaging</i> , 2018, 51, 14-19.	1.0	3
5170	Characterizing Signals Within Lesions and Mapping Brain Network Connectivity After Traumatic Axonal Injury: A 7 Tesla Resting-State FMRI Study. <i>Brain Connectivity</i> , 2018, 8, 288-298.	0.8	9
5171	Identification of a specific functional network altered in poststroke cognitive impairment. <i>Neurology</i> , 2018, 90, e1879-e1888.	1.5	23
5172	Effects of <i>SYN1</i> Q555X mutation on cortical gray matter microstructure. <i>Human Brain Mapping</i> , 2018, 39, 3428-3448.	1.9	5
5173	Future Brain and Spinal Cord Volumetric Imaging in the Clinic for Monitoring Treatment Response in MS. <i>Current Treatment Options in Neurology</i> , 2018, 20, 17.	0.7	15
5174	Age, sex, and puberty related development of the corpus callosum: a multi-technique diffusion MRI study. <i>Brain Structure and Function</i> , 2018, 223, 2753-2765.	1.2	50
5175	White matter degeneration profile in the cognitive cortico-subcortical tracts in Parkinson's disease. <i>Movement Disorders</i> , 2018, 33, 1139-1150.	2.2	11
5176	Allostatic load as a predictor of grey matter volume and white matter integrity in old age: The Whitehall II MRI study. <i>Scientific Reports</i> , 2018, 8, 6411.	1.6	31
5177	Functional MRI in the Nile crocodile: a new avenue for evolutionary neurobiology. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20180178.	1.2	15
5178	Natural biological variation of white matter microstructure is accentuated in Huntington's disease. <i>Human Brain Mapping</i> , 2018, 39, 3516-3527.	1.9	19
5179	Optimization of diffusion-weighted single-refocused spin-echo EPI by reducing eddy-current artifacts and shortening the echo time. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2018, 31, 585-597.	1.1	9
5180	Cortical and subcortical gray matter structural alterations in normoglycemic obese and type 2 diabetes patients: relationship with adiposity, glucose, and insulin. <i>Metabolic Brain Disease</i> , 2018, 33, 1211-1222.	1.4	24
5181	Spinal cord gray matter segmentation using deep dilated convolutions. <i>Scientific Reports</i> , 2018, 8, 5966.	1.6	95
5182	Improving the signal detection accuracy of functional Magnetic Resonance Imaging. <i>NeuroImage</i> , 2018, 176, 92-109.	2.1	5
5183	Neuroticism is linked to microstructural left-right asymmetry of fronto-limbic fibre tracts in adolescents with opposite effects in boys and girls. <i>Neuropsychologia</i> , 2018, 114, 1-10.	0.7	20

#	ARTICLE	IF	CITATIONS
5184	Abnormal target detection and novelty processing neural response in posttraumatic stress disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 85, 54-61.	2.5	5
5185	Alterations in the microstructure of white matter in children and adolescents with Tourette syndrome measured using tract-based spatial statistics and probabilistic tractography. <i>Cortex</i> , 2018, 104, 75-89.	1.1	24
5186	Functional Brain Networks Are Dominated by Stable Group and Individual Factors, Not Cognitive or Daily Variation. <i>Neuron</i> , 2018, 98, 439-452.e5.	3.8	665
5187	More Than the Sum of Its Parts: A Role for the Hippocampus in Configural Reinforcement Learning. <i>Neuron</i> , 2018, 98, 645-657.e6.	3.8	49
5188	Cortical depth profiles of luminance contrast responses in human V1 and V2 using 7 T fMRI. <i>Human Brain Mapping</i> , 2018, 39, 2812-2827.	1.9	59
5189	Exploration of male urethral sphincter complex using diffusion tensor imaging (DTI)-based fiber-tracking. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 48, 1002-1011.	1.9	11
5190	Abnormal brain structure as a potential biomarker for venous erectile dysfunction: evidence from multimodal MRI and machine learning. <i>European Radiology</i> , 2018, 28, 3789-3800.	2.3	18
5191	Distinctive heritability patterns of subcortical-prefrontal cortex resting state connectivity in childhood: A twin study. <i>NeuroImage</i> , 2018, 175, 138-149.	2.1	27
5192	Vascular Abnormalities within Normal Appearing Tissue in Chronic Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2018, 35, 2250-2258.	1.7	16
5193	Motion-robust submillimeter isotropic diffusion imaging through motion corrected generalized slice dithered enhanced resolution (MC-gSlider) acquisition. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 1891-1906.	1.9	28
5194	Human ISL1+ Ventricular Progenitors Self-Assemble into an In Vivo Functional Heart Patch and Preserve Cardiac Function Post Infarction. <i>Molecular Therapy</i> , 2018, 26, 1644-1659.	3.7	38
5195	Exploring diagnosis and imaging biomarkers of Parkinson's disease via iterative canonical correlation analysis based feature selection. <i>Computerized Medical Imaging and Graphics</i> , 2018, 67, 21-29.	3.5	11
5196	Amygdala Functional and Structural Connectivity Predicts Individual Risk Tolerance. <i>Neuron</i> , 2018, 98, 394-404.e4.	3.8	60
5197	Normal brain imaging accompanies neuroimmunologically justified, autoimmune encephalomyelitis. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2018, 5, e456.	3.1	12
5198	Single Subject Classification of Alzheimer's Disease and Behavioral Variant Frontotemporal Dementia Using Anatomical, Diffusion Tensor, and Resting-State Functional Magnetic Resonance Imaging. <i>Journal of Alzheimer's Disease</i> , 2018, 62, 1827-1839.	1.2	33
5199	Estimating fiber orientation distribution from diffusion MRI with spherical needlets. <i>Medical Image Analysis</i> , 2018, 46, 57-72.	7.0	7
5200	Increased sensorimotor network connectivity associated with clozapine eligibility in people with schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2018, 275, 36-42.	0.9	10
5201	Value of diffusion kurtosis imaging in assessing low-grade gliomas. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 48, 1551-1558.	1.9	23

#	ARTICLE	IF	CITATIONS
5202	A tutorial on joint models of neural and behavioral measures of cognition. <i>Journal of Mathematical Psychology</i> , 2018, 84, 20-48.	1.0	43
5203	Promise and pitfalls of g-ratio estimation with MRI. <i>NeuroImage</i> , 2018, 182, 80-96.	2.1	101
5204	Structural MRI Correlates of Cognitive Event-Related Potentials in Multiple Sclerosis. <i>Journal of Clinical Neurophysiology</i> , 2018, 35, 399-407.	0.9	4
5205	Inter-subject phase synchronization for exploratory analysis of task-fMRI. <i>NeuroImage</i> , 2018, 176, 477-488.	2.1	17
5206	Multiple measures of HPA axis function in ultra high risk and first-episode schizophrenia patients. <i>Psychoneuroendocrinology</i> , 2018, 92, 72-80.	1.3	26
5207	Brain activity associated with pain in inherited erythromelalgia: stimulus-free pain engages brain areas involved in valuation and learning. <i>Neurobiology of Pain (Cambridge, Mass)</i> , 2018, 3, 8-14.	1.0	2
5208	Dynamic B_0 shimming of the human brain at 9.4 T with a 16-channel multi-coil shim setup. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 1714-1725.	1.9	27
5209	Bottom-Up and Top-Down Factors Differentially Influence Stimulus Representations Across Large-Scale Attentional Networks. <i>Journal of Neuroscience</i> , 2018, 38, 2495-2504.	1.7	52
5210	Income change alters default mode network connectivity for adolescents in poverty. <i>Developmental Cognitive Neuroscience</i> , 2018, 30, 93-99.	1.9	30
5211	Levodopa improves response inhibition and enhances striatal activation in early-stage Parkinson's disease. <i>Neurobiology of Aging</i> , 2018, 66, 12-22.	1.5	25
5212	Recovery of an injured corticofugal tract from the supplementary motor area in a patient with traumatic brain injury. <i>Medicine (United States)</i> , 2018, 97, e9063.	0.4	9
5213	The impact of correction on MP2RAGE cortical T_1 and apparent cortical thickness at 7T. <i>Human Brain Mapping</i> , 2018, 39, 2412-2425.	1.9	38
5214	Frontal and temporal cortical volume, white matter tract integrity, and hemispheric asymmetry in schizotypal personality disorder. <i>Schizophrenia Research</i> , 2018, 197, 226-232.	1.1	7
5215	Relationship between Social Cognition and traditional cognitive impairment in Progressive Multiple Sclerosis and possible implicated neuroanatomical regions. <i>Multiple Sclerosis and Related Disorders</i> , 2018, 20, 122-128.	0.9	33
5216	White matter microstructural variability mediates the relation between obesity and cognition in healthy adults. <i>NeuroImage</i> , 2018, 172, 239-249.	2.1	67
5217	Reference ability neural networks and behavioral performance across the adult life span. <i>NeuroImage</i> , 2018, 172, 51-63.	2.1	10
5218	Predicting future learning from baseline network architecture. <i>NeuroImage</i> , 2018, 172, 107-117.	2.1	52
5219	Changes in dynamic functional connections with aging. <i>NeuroImage</i> , 2018, 172, 31-39.	2.1	84

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5220	Incentives facilitate developmental improvement in inhibitory control by modulating control-related networks. <i>NeuroImage</i> , 2018, 172, 369-380.	2.1	23
5221	Dysfunctional Limbic Circuitry Underlying Freezing of Gait in Parkinson's Disease. <i>Neuroscience</i> , 2018, 374, 119-132.	1.1	91
5222	Connectivity derived thalamic segmentation in deep brain stimulation for tremor. <i>NeuroImage: Clinical</i> , 2018, 18, 130-142.	1.4	154
5223	Beyond the face: how context modulates emotion processing in frontotemporal dementia subtypes. <i>Brain</i> , 2018, 141, 1172-1185.	3.7	67
5224	Improved Susceptibility Artifact Correction of Echo-Planar MRI using the Alternating Direction Method of Multipliers. <i>Journal of Mathematical Imaging and Vision</i> , 2018, 60, 268-282.	0.8	6
5225	Musical training induces functional and structural auditory-motor network plasticity in young adults. <i>Human Brain Mapping</i> , 2018, 39, 2098-2110.	1.9	31
5226	Fractional anisotropy of white matter, disability and blood iron parameters in multiple sclerosis. <i>Metabolic Brain Disease</i> , 2018, 33, 545-557.	1.4	19
5227	NiftyNet: a deep-learning platform for medical imaging. <i>Computer Methods and Programs in Biomedicine</i> , 2018, 158, 113-122.	2.6	407
5228	Cerebellar gray matter explains bimanual coordination performance in children and older adults. <i>Neurobiology of Aging</i> , 2018, 65, 109-120.	1.5	18
5229	Mechanical properties of porcine brain tissue in vivo and ex vivo estimated by MR elastography. <i>Journal of Biomechanics</i> , 2018, 69, 10-18.	0.9	45
5230	Disease-Related Microstructural Differences in the Brain in Women With Provoked Vestibulodynia. <i>Journal of Pain</i> , 2018, 19, 528.e1-528.e15.	0.7	15
5231	Structural MRI correlates of cognitive function in multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2018, 21, 1-8.	0.9	11
5232	Accounting for Non-Gaussian Sources of Spatial Correlation in Parametric Functional Magnetic Resonance Imaging Paradigms II: A Method to Obtain First-Level Analysis Residuals with Uniform and Gaussian Spatial Autocorrelation Function and Independent and Identically Distributed Time-Series. <i>Brain Connectivity</i> , 2018, 8, 10-21.	0.8	7
5233	Inferring distinct mechanisms in the absence of subjective differences: Placebo and centrally acting analgesic underlie unique brain adaptations. <i>Human Brain Mapping</i> , 2018, 39, 2210-2223.	1.9	14
5234	Functional brain connectivity is predictable from anatomic network's Laplacian eigen-structure. <i>NeuroImage</i> , 2018, 172, 728-739.	2.1	114
5235	Differential neural reward mechanisms in treatment-responsive and treatment-resistant schizophrenia. <i>Psychological Medicine</i> , 2018, 48, 2418-2427.	2.7	29
5236	Feasibility of single-shot multi-level multi-angle diffusion tensor imaging of the human cervical spinal cord at 7T. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 947-957.	1.9	16
5237	Relating experimentally-induced fear to pre-existing phobic fear in the human brain. <i>Social Cognitive and Affective Neuroscience</i> , 2018, 13, 164-172.	1.5	12

#	ARTICLE	IF	CITATIONS
5238	Diffusion Kurtosis Imaging Shows Similar Cerebral Axonal Damage in Patients with HIV Infection and Multiple Sclerosis. <i>Journal of Neuroimaging</i> , 2018, 28, 320-327.	1.0	12
5239	Super-Resolution Track-Density Imaging Reveals Fine Anatomical Features in Tree Shrew Primary Visual Cortex and Hippocampus. <i>Neuroscience Bulletin</i> , 2018, 34, 438-448.	1.5	9
5240	Determinants of Labor Productivity in MENA Countries. <i>Emerging Markets Finance and Trade</i> , 2018, 54, 1063-1081.	1.7	21
5241	Validation of diffusion MRI estimates of compartment size and volume fraction in a biomimetic brain phantom using a human MRI scanner with 300 mT/m maximum gradient strength. <i>NeuroImage</i> , 2018, 182, 469-478.	2.1	39
5242	Preliminary evidence for genetic overlap between body mass index and striatal reward response. <i>Translational Psychiatry</i> , 2018, 8, 19.	2.4	11
5243	The morphometric coatrophy networking of schizophrenia, autistic and obsessive spectrum disorders. <i>Human Brain Mapping</i> , 2018, 39, 1898-1928.	1.9	56
5244	Dynamic Flexibility in Striatal-Cortical Circuits Supports Reinforcement Learning. <i>Journal of Neuroscience</i> , 2018, 38, 2442-2453.	1.7	82
5245	Abstract Memory Representations in the Ventromedial Prefrontal Cortex and Hippocampus Support Concept Generalization. <i>Journal of Neuroscience</i> , 2018, 38, 2605-2614.	1.7	119
5246	Aggression is associated with greater subsequent alcohol consumption: A shared neural basis in the ventral striatum. <i>Aggressive Behavior</i> , 2018, 44, 285-293.	1.5	13
5247	White matter integrity in medication-free women with peripartum depression: a tract-based spatial statistics study. <i>Neuropsychopharmacology</i> , 2018, 43, 1573-1580.	2.8	27
5248	Quantitative MRI Brain Studies in Mild Cognitive Impairment and Alzheimer's Disease: A Methodological Review. <i>IEEE Reviews in Biomedical Engineering</i> , 2018, 11, 97-111.	13.1	80
5249	Multimodal Characterization of the Late Effects of Traumatic Brain Injury: A Methodological Overview of the Late Effects of Traumatic Brain Injury Project. <i>Journal of Neurotrauma</i> , 2018, 35, 1604-1619.	1.7	32
5250	Auditory stimulation of sleep slow oscillations modulates subsequent memory encoding through altered hippocampal function. <i>Sleep</i> , 2018, 41, .	0.6	57
5251	Longitudinal assessment of gray matter volumes and white matter integrity in patients with medication-overuse headache. <i>Neuroradiology Journal</i> , 2018, 31, 150-156.	0.6	4
5252	Differences in steady-state glutamate levels and variability between "non-task-active" conditions: Evidence from 1H fMRS of the prefrontal cortex. <i>NeuroImage</i> , 2018, 172, 554-561.	2.1	19
5253	Phantom Acupuncture Induces Placebo Credibility and Vicarious Sensations: A Parallel fMRI Study of Low Back Pain Patients. <i>Scientific Reports</i> , 2018, 8, 930.	1.6	27
5254	A brain-based pain facilitation mechanism contributes to painful diabetic polyneuropathy. <i>Brain</i> , 2018, 141, 357-364.	3.7	89
5255	Suprathreshold fiber cluster statistics: Leveraging white matter geometry to enhance tractography statistical analysis. <i>NeuroImage</i> , 2018, 171, 341-354.	2.1	26

#	ARTICLE	IF	CITATIONS
5256	Exercise ameliorates neurocognitive impairments in a translational model of pediatric radiotherapy. <i>Neuro-Oncology</i> , 2018, 20, 695-704.	0.6	32
5257	At the core of reasoning: Dissociating deductive and non-deductive load. <i>Human Brain Mapping</i> , 2018, 39, 1850-1861.	1.9	30
5258	Brain Integrity Changes Underlying Cognitive and Functional Recovery Postliver Transplant Continue to Evolve Over 1 Year. <i>Transplantation</i> , 2018, 102, 461-470.	0.5	7
5259	Neural correlates of lower limbs proprioception: An fMRI study of foot position matching. <i>Human Brain Mapping</i> , 2018, 39, 1929-1944.	1.9	31
5260	Dopaminergic Genetic Variation Influences Aripiprazole Effects on Alcohol Self-Administration and the Neural Response to Alcohol Cues in a Randomized Trial. <i>Neuropsychopharmacology</i> , 2018, 43, 1247-1256.	2.8	18
5261	Resting state brain networks in the prairie vole. <i>Scientific Reports</i> , 2018, 8, 1231.	1.6	16
5262	MR Imaging-based Estimation of Upper Motor Neuron Density in Patients with Amyotrophic Lateral Sclerosis: A Feasibility Study. <i>Radiology</i> , 2018, 287, 955-964.	3.6	7
5263	Decreased Number of Self-Paced Saccades in Post-Concussion Syndrome Associated with Higher Symptom Burden and Reduced White Matter Integrity. <i>Journal of Neurotrauma</i> , 2018, 35, 719-729.	1.7	36
5264	Probabilistic thresholding of functional connectomes: Application to schizophrenia. <i>NeuroImage</i> , 2018, 172, 326-340.	2.1	46
5265	Handling or being the concept: An fMRI study on metonymy representations in coverbal gestures. <i>Neuropsychologia</i> , 2018, 109, 232-244.	0.7	3
5266	Structural connectivity of the amygdala in young adults with autism spectrum disorder. <i>Human Brain Mapping</i> , 2018, 39, 1270-1282.	1.9	49
5267	Susceptibility-induced distortion that varies due to motion: Correction in diffusion MR without acquiring additional data. <i>NeuroImage</i> , 2018, 171, 277-295.	2.1	92
5268	Functional neurochemical imaging of the human striatal cholinergic system during reversal learning. <i>European Journal of Neuroscience</i> , 2018, 47, 1184-1193.	1.2	17
5269	Extrastriatal degeneration correlates with deficits in the motor domain subscales of the UHDRS. <i>Journal of the Neurological Sciences</i> , 2018, 385, 22-29.	0.3	5
5270	Population receptive field (pRF) measurements of chromatic responses in human visual cortex using fMRI. <i>NeuroImage</i> , 2018, 167, 84-94.	2.1	28
5271	Alteration of brain network topology in HIV-associated neurocognitive disorder: A novel functional connectivity perspective. <i>NeuroImage: Clinical</i> , 2018, 17, 768-777.	1.4	37
5272	Brain functional connectivity in sleep-related hypermotor epilepsy. <i>NeuroImage: Clinical</i> , 2018, 17, 873-881.	1.4	15
5273	Family history of alcoholism and the human brain response to oral sucrose. <i>NeuroImage: Clinical</i> , 2018, 17, 1036-1046.	1.4	18

#	ARTICLE	IF	CITATIONS
5274	The two-year progression of structural and functional cerebral MRI in amyotrophic lateral sclerosis. <i>NeuroImage: Clinical</i> , 2018, 17, 953-961.	1.4	100
5275	Brain structural connectivity during adrenarche: Associations between hormone levels and white matter microstructure. <i>Psychoneuroendocrinology</i> , 2018, 88, 70-77.	1.3	18
5276	Combining viscoelasticity, diffusivity and volume of the hippocampus for the diagnosis of Alzheimer's disease based on magnetic resonance imaging. <i>NeuroImage: Clinical</i> , 2018, 18, 485-493.	1.4	69
5277	Increased amygdala responses to emotional faces after psilocybin for treatment-resistant depression. <i>Neuropharmacology</i> , 2018, 142, 263-269.	2.0	126
5278	Miniature pig model of human adolescent brain white matter development. <i>Journal of Neuroscience Methods</i> , 2018, 296, 99-108.	1.3	22
5279	Motor dexterity and strength depend upon integrity of the attention-control system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E536-E545.	3.3	65
5280	Simultaneous Multislice Resting-State Functional Magnetic Resonance Imaging at 3 Tesla: Slice-Acceleration-Related Biases in Physiological Effects. <i>Brain Connectivity</i> , 2018, 8, 82-93.	0.8	7
5281	Physical neglect during childhood alters white matter connectivity in healthy young males. <i>Human Brain Mapping</i> , 2018, 39, 1283-1290.	1.9	41
5282	LEICA: Laplacian eigenmaps for group ICA decomposition of fMRI data. <i>NeuroImage</i> , 2018, 169, 363-373.	2.1	15
5283	A Computational Account of Optimizing Social Predictions Reveals That Adolescents Are Conservative Learners in Social Contexts. <i>Journal of Neuroscience</i> , 2018, 38, 974-988.	1.7	16
5284	Longitudinal imaging of reading and naming recovery after stroke. <i>Aphasiology</i> , 2018, 32, 839-854.	1.4	13
5285	Double diffusion encoding MRI for the clinic. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 507-520.	1.9	63
5286	Atypical PT anatomy in children with autism spectrum disorder with expressive language deficits. <i>Brain Imaging and Behavior</i> , 2018, 12, 1419-1430.	1.1	10
5287	Serotonergic and cholinergic modulation of functional brain connectivity: A comparison between young and older adults. <i>NeuroImage</i> , 2018, 169, 312-322.	2.1	8
5288	Multilevel convergence of interoceptive impairments in hypertension: New evidence of disrupted body-brain interactions. <i>Human Brain Mapping</i> , 2018, 39, 1563-1581.	1.9	40
5289	Longitudinal atlas for normative human brain development and aging over the lifespan using quantitative susceptibility mapping. <i>NeuroImage</i> , 2018, 171, 176-189.	2.1	95
5290	Specifying the role of the ventromedial prefrontal cortex in memory formation. <i>Neuropsychologia</i> , 2018, 111, 8-15.	0.7	21
5291	Relation of Retinal and Serum Lutein and Zeaxanthin to White Matter Integrity in Older Adults: A Diffusion Tensor Imaging Study. <i>Archives of Clinical Neuropsychology</i> , 2018, 33, 861-874.	0.3	16

#	ARTICLE	IF	CITATIONS
5292	Aging is associated with a prefrontal lateral-medial shift during picture-induced negative affect. <i>Social Cognitive and Affective Neuroscience</i> , 2018, 13, 156-163.	1.5	14
5293	Structural Neuroimaging and Neuropsychologic Signatures in Children With Vertically Acquired HIV. <i>Pediatric Infectious Disease Journal</i> , 2018, 37, 662-668.	1.1	13
5294	Visually-Driven Maps in Area 3b. <i>Journal of Neuroscience</i> , 2018, 38, 1295-1310.	1.7	45
5295	Posterior cortical atrophy: a single case cognitive and radiological follow-up. <i>Neurocase</i> , 2018, 24, 16-30.	0.2	2
5296	Effect of cholinergic treatment depends on cholinergic integrity in early Alzheimer's disease. <i>Brain</i> , 2018, 141, 903-915.	3.7	65
5297	Novel Findings in Obstetric Brachial Plexus Palsy: A Study of Corpus Callosum Volumetry and Resting-State Functional Magnetic Resonance Imaging of Sensorimotor Network. <i>Neurosurgery</i> , 2018, 83, 905-914.	0.6	7
5298	Default mode network modifications in Fabry disease: A resting-state fMRI study with structural correlations. <i>Human Brain Mapping</i> , 2018, 39, 1755-1764.	1.9	25
5299	Maternal reading fluency is positively associated with greater functional connectivity between the child's future reading network and regions related to executive functions and language processing in preschool-age children. <i>Brain and Cognition</i> , 2018, 121, 17-23.	0.8	23
5300	Cognitive Behavioral Therapy Is Associated With Enhanced Cognitive Control Network Activity in Major Depression and Posttraumatic Stress Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018, 3, 311-319.	1.1	35
5301	Fingolimod-improved axonal and myelin integrity of white matter tracts associated with multiple sclerosis-related functional impairments. <i>CNS Neuroscience and Therapeutics</i> , 2018, 24, 412-419.	1.9	23
5302	The neural correlates of alcohol-related aggression. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2018, 18, 203-215.	1.0	14
5303	Cortical Visual Connections via the Corpus Callosum are Asymmetrical in Human Infantile Esotropia. <i>Strabismus</i> , 2018, 26, 22-27.	0.4	8
5304	Altered caudate connectivity is associated with executive dysfunction after traumatic brain injury. <i>Brain</i> , 2018, 141, 148-164.	3.7	56
5305	Repetitive behaviors in autism are linked to imbalance of corticostriatal connectivity: a functional connectivity MRI study. <i>Social Cognitive and Affective Neuroscience</i> , 2018, 13, 32-42.	1.5	95
5306	Association of Visual Impairment in Neuromyelitis Optica Spectrum Disorder With Visual Network Reorganization. <i>JAMA Neurology</i> , 2018, 75, 296.	4.5	34
5307	Quenching of spontaneous fluctuations by attention in human visual cortex. <i>NeuroImage</i> , 2018, 171, 84-98.	2.1	20
5308	Cortical and Subcortical Brain Changes in Children and Adolescents With Narcolepsy Type 1. <i>Sleep</i> , 2018, 41, .	0.6	14
5309	Deep white matter hyperintensities, microstructural integrity and dual task walking in older people. <i>Brain Imaging and Behavior</i> , 2018, 12, 1488-1496.	1.1	30

#	ARTICLE	IF	CITATIONS
5310	TMS uncovers details about sub-regional language-specific processing networks in early bilinguals. <i>NeuroImage</i> , 2018, 171, 209-221.	2.1	6
5311	Obligatory and facultative brain regions for voice-identity recognition. <i>Brain</i> , 2018, 141, 234-247.	3.7	30
5312	A widespread visually-sensitive functional network relates to symptoms in essential tremor. <i>Brain</i> , 2018, 141, 472-485.	3.7	71
5313	Altered White-Matter Microstructure in Conduct Disorder Is Specifically Associated with Elevated Callous-Unemotional Traits. <i>Journal of Abnormal Child Psychology</i> , 2018, 46, 1451-1466.	3.5	26
5314	Nonlinear deformation of tractography in ultrasound-guided low-grade gliomas resection. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2018, 13, 457-467.	1.7	11
5315	Resting State fMRI in Rodents. <i>Current Protocols in Neuroscience</i> , 2018, 83, e45.	2.6	5
5316	Remote Changes in Cortical Excitability after Experimental Traumatic Brain Injury and Functional Reorganization. <i>Journal of Neurotrauma</i> , 2018, 35, 2448-2461.	1.7	20
5317	Longitudinal Structural and Functional Brain Network Alterations in a Mouse Model of Neuropathic Pain. <i>Neuroscience</i> , 2018, 387, 104-115.	1.1	36
5318	BrainMap VBM: An environment for structural meta-analysis. <i>Human Brain Mapping</i> , 2018, 39, 3308-3325.	1.9	66
5319	fMRI connectivity of expressive language in young children and adolescents. <i>Human Brain Mapping</i> , 2018, 39, 3586-3596.	1.9	20
5320	Towards Portable Large-Scale Image Processing with High-Performance Computing. <i>Journal of Digital Imaging</i> , 2018, 31, 304-314.	1.6	23
5321	Alterations in anterior cingulate cortex myoinositol and aggression in veterans with suicidal behavior: A proton magnetic resonance spectroscopy study. <i>Psychiatry Research - Neuroimaging</i> , 2018, 276, 24-32.	0.9	9
5322	Longitudinal diffusion tensor imaging changes in early Parkinson's disease: ICICLE-PD study. <i>Journal of Neurology</i> , 2018, 265, 1528-1539.	1.8	35
5323	Out of focus " Brain attention control deficits in adult ADHD. <i>Brain Research</i> , 2018, 1692, 12-22.	1.1	25
5324	Apathy and atrophy of subcortical brain structures in Huntington's disease: A two-year follow-up study. <i>NeuroImage: Clinical</i> , 2018, 19, 66-70.	1.4	14
5325	Simultaneous resting-state FDG-PET/fMRI in Alzheimer Disease: Relationship between glucose metabolism and intrinsic activity. <i>NeuroImage</i> , 2018, 176, 246-258.	2.1	105
5326	The ipsilateral vestibulothalamic tract in the human brain. <i>Translational Neuroscience</i> , 2018, 9, 22-25.	0.7	1
5327	Significant Injury of the Mammillothalamic Tract without Injury of the Corticospinal Tract After Aneurysmal Subarachnoid Hemorrhage: A Retrospective Diffusion Tensor Imaging Study. <i>World Neurosurgery</i> , 2018, 114, e624-e630.	0.7	14

#	ARTICLE	IF	CITATIONS
5328	Apathy in Alzheimer's disease and frontotemporal dementia: Distinct clinical profiles and neural correlates. <i>Cortex</i> , 2018, 103, 350-359.	1.1	70
5329	Hemispheric asymmetry and homotopy of resting state functional connectivity correlate with visuospatial abilities in school-age children. <i>NeuroImage</i> , 2018, 174, 441-448.	2.1	30
5330	Model-free global tractography. <i>NeuroImage</i> , 2018, 174, 576-586.	2.1	7
5331	Use of black-bone MRI in the diagnosis of the patients with posterior plagiocephaly. <i>Child's Nervous System</i> , 2018, 34, 1383-1389.	0.6	18
5332	Neural mechanisms of the rejection-aggression link. <i>Social Cognitive and Affective Neuroscience</i> , 2018, 13, 501-512.	1.5	28
5333	Exploiting morphology and texture of 3D tumor models in DTI for differentiating glioblastoma multiforme from solitary metastasis. <i>Biomedical Signal Processing and Control</i> , 2018, 43, 159-173.	3.5	9
5334	Lesion mapping in acute stroke aphasia and its implications for recovery. <i>Neuropsychologia</i> , 2018, 115, 88-100.	0.7	56
5335	Quantitative analysis of relative volume of low apparent diffusion coefficient value can predict neurologic outcome after cardiac arrest. <i>Resuscitation</i> , 2018, 126, 36-42.	1.3	29
5336	Grey-matter network disintegration as predictor of cognitive and motor function with aging. <i>Brain Structure and Function</i> , 2018, 223, 2475-2487.	1.2	33
5337	Looking but not seeing: Increased eye fixations in behavioural-variant frontotemporal dementia. <i>Cortex</i> , 2018, 103, 71-81.	1.1	24
5338	Functional network integration and attention skills in young children. <i>Developmental Cognitive Neuroscience</i> , 2018, 30, 200-211.	1.9	54
5339	White Matter Connectivity of the Visual-Vestibular Cortex Examined by Diffusion-Weighted Imaging. <i>Brain Connectivity</i> , 2018, 8, 235-244.	0.8	32
5340	Diet matters: Glucocorticoid-related neuroadaptations associated with calorie intake in female rhesus monkeys. <i>Psychoneuroendocrinology</i> , 2018, 91, 169-178.	1.3	18
5341	Maternal Dietary Choline Status Influences Brain Gray and White Matter Development in Young Pigs. <i>Current Developments in Nutrition</i> , 2018, 2, nzy015.	0.1	11
5342	MRI gradient-echo phase contrast of the brain at ultra-short TE with off-resonance saturation. <i>NeuroImage</i> , 2018, 175, 1-11.	2.1	14
5343	Effects of resveratrol on memory performance, hippocampus connectivity and microstructure in older adults - A randomized controlled trial. <i>NeuroImage</i> , 2018, 174, 177-190.	2.1	63
5344	Connectivity-based segmentation of the brainstem by probabilistic tractography. <i>Brain Research</i> , 2018, 1690, 74-88.	1.1	4
5345	3D conditional generative adversarial networks for high-quality PET image estimation at low dose. <i>NeuroImage</i> , 2018, 174, 550-562.	2.1	298

#	ARTICLE	IF	CITATIONS
5346	Quantitative perfusion imaging of neoplastic liver lesions: A multi-institution study. <i>Scientific Reports</i> , 2018, 8, 4990.	1.6	14
5347	An investigation of white matter integrity and attention deficits following traumatic brain injury. <i>Brain Injury</i> , 2018, 32, 776-783.	0.6	27
5348	Brain gray matter alterations in Chinese patients with chronic knee osteoarthritis pain based on voxel-based morphometry. <i>Medicine (United States)</i> , 2018, 97, e0145.	0.4	39
5349	Tuning down the hedonic brain: Cognitive load reduces neural responses to high-calorie food pictures in the nucleus accumbens. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2018, 18, 447-459.	1.0	20
5350	Adult brain volume in multiple sclerosis: The impact of paediatric onset. <i>Multiple Sclerosis and Related Disorders</i> , 2018, 21, 103-107.	0.9	10
5351	Fatigue Is Associated With Global and Regional Thalamic Morphometry in Veterans With a History of Mild Traumatic Brain Injury. <i>Journal of Head Trauma Rehabilitation</i> , 2018, 33, 382-392.	1.0	23
5352	Brain microstructural injury occurs in patients with RRMS despite "no evidence of disease activity"™. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 977-982.	0.9	16
5353	The Use of Magnetic Resonance Imaging for Non-Invasive Assessment of Venofer® Biodistribution in Rats. <i>Pharmaceutical Research</i> , 2018, 35, 88.	1.7	10
5354	Template-based prediction of vigilance fluctuations in resting-state fMRI. <i>NeuroImage</i> , 2018, 174, 317-327.	2.1	65
5355	The site of stimulation moderates neuropsychiatric symptoms after subthalamic deep brain stimulation for Parkinson's disease. <i>NeuroImage: Clinical</i> , 2018, 18, 996-1006.	1.4	55
5356	Abnormal age-related cortical folding and neurite morphology in children with developmental dyslexia. <i>NeuroImage: Clinical</i> , 2018, 18, 814-821.	1.4	24
5357	Free water determines diffusion alterations and clinical status in cerebral small vessel disease. <i>Alzheimer's and Dementia</i> , 2018, 14, 764-774.	0.4	108
5358	Coral Reef Optimization with substrate layers for medical Image Registration. <i>Swarm and Evolutionary Computation</i> , 2018, 42, 138-159.	4.5	40
5359	White matter alterations in individuals experiencing attenuated positive psychotic symptoms. <i>Microbial Biotechnology</i> , 2018, 12, 372-379.	0.9	11
5360	Kynurenine pathway and white matter microstructure in bipolar disorder. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2018, 268, 157-168.	1.8	34
5361	Emotional reactivity following surgery to the prefrontal cortex. <i>Journal of Neuropsychology</i> , 2018, 12, 120-141.	0.6	15
5362	Accepting unfairness by a significant other is associated with reduced connectivity between medial prefrontal and dorsal anterior cingulate cortex. <i>Social Neuroscience</i> , 2018, 13, 61-73.	0.7	28
5363	Functional coupling between frontoparietal and occipitotemporal pathways during action and perception. <i>Cortex</i> , 2018, 98, 8-27.	1.1	49

#	ARTICLE	IF	CITATIONS
5364	Functional connectivity differences in autism during face and car recognition: underconnectivity and atypical age-related changes. <i>Developmental Science</i> , 2018, 21, e12508.	1.3	33
5365	Impact of abnormal cerebrovascular reactivity on <scp>BOLD fMRI</scp>: a preliminary investigation of moyamoya disease. <i>Clinical Physiology and Functional Imaging</i> , 2018, 38, 87-92.	0.5	14
5366	Neuroanatomical variations as a function of experience in a complex daily task: A VBM and DTI study on driving experience. <i>Brain Imaging and Behavior</i> , 2018, 12, 653-662.	1.1	8
5367	MRI reveals therapeutical efficacy of stem cells: An experimental study on the SOD1(C93A) animal model. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 459-469.	1.9	10
5368	A connectomic approach for subcallosal cingulate deep brain stimulation surgery: prospective targeting in treatment-resistant depression. <i>Molecular Psychiatry</i> , 2018, 23, 843-849.	4.1	319
5369	Development of infant sustained attention and its relation to <scp>EEG</scp> oscillations: an <scp>EEG</scp> and cortical source analysis study. <i>Developmental Science</i> , 2018, 21, e12562.	1.3	71
5370	Gray matter and white matter changes in non-demented amyotrophic lateral sclerosis patients with or without cognitive impairment: A combined voxel-based morphometry and tract-based spatial statistics whole-brain analysis. <i>Brain Imaging and Behavior</i> , 2018, 12, 547-563.	1.1	36
5371	Neural mechanisms of risky decision making in adolescents reporting frequent alcohol and/or marijuana use. <i>Brain Imaging and Behavior</i> , 2018, 12, 564-576.	1.1	31
5372	Macro- and microstructural alterations of the subcortical structures in episodic cluster headache. <i>Cephalalgia</i> , 2018, 38, 662-673.	1.8	18
5373	Impact of acquisition and analysis strategies on cortical depth-dependent fMRI. <i>NeuroImage</i> , 2018, 168, 332-344.	2.1	71
5374	Choice of reference measurements affects quantification of long diffusion time behaviour using stimulated echoes. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 952-959.	1.9	3
5375	White matter alterations in college football players: a longitudinal diffusion tensor imaging study. <i>Brain Imaging and Behavior</i> , 2018, 12, 44-53.	1.1	47
5376	Considering total intracranial volume and other nuisance variables in brain voxel based morphometry in idiopathic PD. <i>Brain Imaging and Behavior</i> , 2018, 12, 1-12.	1.1	29
5377	White matter correlates of the disorganized speech dimension in schizophrenia. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2018, 268, 99-104.	1.8	13
5378	Children with ASD show links between aberrant sound processing, social symptoms, and atypical auditory interhemispheric and thalamocortical functional connectivity. <i>Developmental Cognitive Neuroscience</i> , 2018, 29, 117-126.	1.9	65
5379	Local resting state functional connectivity in autism: site and cohort variability and the effect of eye status. <i>Brain Imaging and Behavior</i> , 2018, 12, 168-179.	1.1	46
5380	Bone quantitative susceptibility mapping using a chemical species-specific signal model with ultrashort and conventional echo data. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 121-128.	1.9	58
5381	Dual-TRACER: High resolution fMRI with constrained evolution reconstruction. <i>NeuroImage</i> , 2018, 164, 172-182.	2.1	6

#	ARTICLE	IF	CITATIONS
5382	Modifications in resting state functional anticorrelation between default mode network and dorsal attention network: comparison among young adults, healthy elders and mild cognitive impairment patients. <i>Brain Imaging and Behavior</i> , 2018, 12, 127-141.	1.1	94
5383	Rotating single-shot acquisition (RoSA) with composite reconstruction for fast high-resolution diffusion imaging. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 264-275.	1.9	6
5384	Multimodal Functional and Structural Brain Connectivity Analysis in Autism: A Preliminary Integrated Approach With EEG, fMRI, and DTI. <i>IEEE Transactions on Cognitive and Developmental Systems</i> , 2018, 10, 213-226.	2.6	23
5385	Hemodynamic mechanisms underlying elevated oxygen extraction fraction (OEF) in moyamoya and sickle cell anemia patients. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 1618-1630.	2.4	44
5386	Structural connectivity in spatial attention network: reconstruction from left hemispatial neglect. <i>Brain Imaging and Behavior</i> , 2018, 12, 309-323.	1.1	25
5387	A novel phase-unwrapping method based on pixel clustering and local surface fitting with application to Dixon water-fat MRI. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 515-528.	1.9	9
5388	Both hemorrhagic and non-hemorrhagic traumatic MRI lesions are associated with the microstructural damage of the normal appearing white matter. <i>Behavioural Brain Research</i> , 2018, 340, 106-116.	1.2	21
5389	Functional network connectivity abnormalities in multiple sclerosis: Correlations with disability and cognitive impairment. <i>Multiple Sclerosis Journal</i> , 2018, 24, 459-471.	1.4	105
5390	A Template and Probabilistic Atlas of the Human Sensorimotor Tracts using Diffusion MRI. <i>Cerebral Cortex</i> , 2018, 28, 1685-1699.	1.6	101
5391	Neuroscientific insights into the development of analogical reasoning. <i>Developmental Science</i> , 2018, 21, e12531.	1.3	32
5392	Structural Anatomical Investigation of Long-Term Memory Deficit in Behavioral Frontotemporal Dementia. <i>Journal of Alzheimer's Disease</i> , 2018, 62, 1887-1900.	1.2	22
5393	Places in the Brain: Bridging Layout and Object Geometry in Scene-Selective Cortex. <i>Cerebral Cortex</i> , 2018, 28, 2365-2374.	1.6	31
5394	Fronto-striatal network activation leads to less fatigue in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2018, 24, 1174-1182.	1.4	38
5395	Abnormal Gray Matter Shape, Thickness, and Volume in the Motor Cortico-Subcortical Loop in Idiopathic Rapid Eye Movement Sleep Behavior Disorder: Association with Clinical and Motor Features. <i>Cerebral Cortex</i> , 2018, 28, 658-671.	1.6	51
5396	Cerebellar volume and cerebellocerebral structural covariance in schizophrenia: a multisite mega-analysis of 983 patients and 1349 healthy controls. <i>Molecular Psychiatry</i> , 2018, 23, 1512-1520.	4.1	175
5397	Snapshot whole-brain T_1 relaxometry using steady-state prepared spiral multislice variable flip angle imaging. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 856-866.	1.9	3
5398	Multiline balanced $SSFP$ for rapid functional imaging at ultrahigh field. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 994-1000.	1.9	6
5399	In vivo evidence of oxidative stress in brains of patients with progressive multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2018, 24, 1029-1038.	1.4	65

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5400	Changes in resting state functional brain connectivity and withdrawal symptoms are associated with acute electronic cigarette use. <i>Brain Research Bulletin</i> , 2018, 138, 56-63.	1.4	19
5401	Vasoreactivity in CADASIL: Comparison to structural MRI and neuropsychology. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 1085-1095.	2.4	27
5402	Different patterns of longitudinal brain and spinal cord changes and their associations with disability progression in NMO and MS. <i>European Radiology</i> , 2018, 28, 96-103.	2.3	24
5403	Effects of Serotonin Transporter Gene Variation on Impulsivity Mediated by Default Mode Network: A Family Study of Depression. <i>Cerebral Cortex</i> , 2018, 28, 1911-1921.	1.6	15
5404	Functional connectivity density mapping: comparing multiband and conventional EPI protocols. <i>Brain Imaging and Behavior</i> , 2018, 12, 848-859.	1.1	17
5405	Astrocytic water channel aquaporin-4 modulates brain plasticity in both mice and humans: a potential gliogenetic mechanism underlying language-associated learning. <i>Molecular Psychiatry</i> , 2018, 23, 1021-1030.	4.1	27
5406	Global white matter microstructural abnormalities associated with addiction liability score in drug naïve youth. <i>Brain Imaging and Behavior</i> , 2018, 12, 274-283.	1.1	1
5407	In Vivo Detection of CPP-115 Target Engagement in Human Brain. <i>Neuropsychopharmacology</i> , 2018, 43, 646-654.	2.8	6
5408	3D multi-echo radial imaging of ²³ Na (3D MERINA) for time-efficient multi-parameter tissue compartment mapping. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 1950-1961.	1.9	21
5409	Recognition of white matter bundles using local and global streamline-based registration and clustering. <i>NeuroImage</i> , 2018, 170, 283-295.	2.1	205
5410	The role of abnormalities in the corpus callosum in social cognition deficits after Traumatic Brain Injury. <i>Social Neuroscience</i> , 2018, 13, 471-479.	0.7	22
5411	Collocation for Diffeomorphic Deformations in Medical Image Registration. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2018, 40, 1570-1583.	9.7	9
5412	Nociceptin Receptors in Alcohol Use Disorders: A Positron Emission Tomography Study Using [11C]NOP-1A. <i>Biological Psychiatry</i> , 2018, 84, 708-714.	0.7	25
5413	Functional parcellation using time courses of instantaneous connectivity. <i>NeuroImage</i> , 2018, 170, 31-40.	2.1	50
5414	Fusion of fMRI and non-imaging data for ADHD classification. <i>Computerized Medical Imaging and Graphics</i> , 2018, 65, 115-128.	3.5	78
5415	Structural Variability Across the Primate Brain: A Cross-Species Comparison. <i>Cerebral Cortex</i> , 2018, 28, 3829-3841.	1.6	84
5416	Impaired emotion processing in functional (psychogenic) tremor: A functional magnetic resonance imaging study. <i>NeuroImage: Clinical</i> , 2018, 17, 179-187.	1.4	67
5417	Diffuse brain damage in normal tension glaucoma. <i>Human Brain Mapping</i> , 2018, 39, 532-541.	1.9	64

#	ARTICLE	IF	CITATIONS
5418	A 1-minute full brain MR exam using a multicontrast EPI sequence. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 3045-3054.	1.9	51
5419	Ventral striatal network connectivity reflects reward learning and behavior in patients with Parkinson's disease. <i>Human Brain Mapping</i> , 2018, 39, 509-521.	1.9	36
5420	Peripheral nerve diffusion tensor imaging: Overview, pitfalls, and future directions. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 1171-1189.	1.9	76
5421	Right-to-left shunt may be prone to affect the white matter integrity of posterior circulation in migraine without aura. <i>Neurological Sciences</i> , 2018, 39, 119-125.	0.9	5
5422	Problematic alcohol use associates with sodium channel and clathrin linker 1 (<i>SCLT1</i>) in trauma-exposed populations. <i>Addiction Biology</i> , 2018, 23, 1145-1159.	1.4	9
5423	Morphology of subcortical brain nuclei is associated with autonomic function in healthy humans. <i>Human Brain Mapping</i> , 2018, 39, 381-392.	1.9	15
5424	Prenatal methamphetamine exposure is associated with corticostriatal white matter changes in neonates. <i>Metabolic Brain Disease</i> , 2018, 33, 507-522.	1.4	28
5425	Rapid measurement of intravoxel incoherent motion (IVIM) derived perfusion fraction for clinical magnetic resonance imaging. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2018, 31, 269-283.	1.1	20
5426	Changes in subcortical resting-state functional connectivity in patients with psychophysiological insomnia after cognitive-behavioral therapy. <i>NeuroImage: Clinical</i> , 2018, 17, 115-123.	1.4	43
5427	Diffusion tensor imaging marks dopaminergic and serotonergic lesions in the Parkinsonian monkey. <i>Movement Disorders</i> , 2018, 33, 298-309.	2.2	9
5428	Altered topological properties of brain networks in the early MS patients revealed by cognitive task-related fMRI and graph theory. <i>Biomedical Signal Processing and Control</i> , 2018, 40, 385-395.	3.5	17
5429	Adolescent Externalizing Problems: Contributions of Community Crime Exposure and Neural Function During Emotion Introspection in Mexican-Origin Youth. <i>Journal of Research on Adolescence</i> , 2018, 28, 551-563.	1.9	12
5430	Evaluating functional connectivity of executive control network and frontoparietal network in Alzheimer's disease. <i>Brain Research</i> , 2018, 1678, 262-272.	1.1	53
5431	Changes in dynamic resting state network connectivity following aphasia therapy. <i>Brain Imaging and Behavior</i> , 2018, 12, 1141-1149.	1.1	26
5432	Error blindness and motivational significance: Shifts in networks centering on anterior insula co-vary with error awareness and pupil dilation. <i>Behavioural Brain Research</i> , 2018, 355, 24-35.	1.2	16
5433	A Homer 1 gene variant influences brain structure and function, lithium effects on white matter, and antidepressant response in bipolar disorder: A multimodal genetic imaging study. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 81, 88-95.	2.5	55
5434	Effects of Career Duration, Concussion History, and Playing Position on White Matter Microstructure and Functional Neural Recruitment in Former College and Professional Football Athletes. <i>Radiology</i> , 2018, 286, 967-977.	3.6	33
5435	Segmenting hippocampal subfields from 3T MRI with multi-modality images. <i>Medical Image Analysis</i> , 2018, 43, 10-22.	7.0	14

#	ARTICLE	IF	CITATIONS
5436	Altered white matter structure in the visual system following early monocular enucleation. <i>Human Brain Mapping</i> , 2018, 39, 133-144.	1.9	17
5437	as-PSOCT: Volumetric microscopic imaging of human brain architecture and connectivity. <i>NeuroImage</i> , 2018, 165, 56-68.	2.1	50
5438	Different levels of visual perceptual skills are associated with specific modifications in functional connectivity and global efficiency. <i>International Journal of Psychophysiology</i> , 2018, 123, 127-135.	0.5	12
5439	Investigating the neuroanatomical substrate of pathological laughing and crying in amyotrophic lateral sclerosis with multimodal neuroimaging techniques. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2018, 19, 12-20.	1.1	29
5440	Development of short-range white matter in healthy children and adolescents. <i>Human Brain Mapping</i> , 2018, 39, 204-217.	1.9	27
5441	TE dependent Diffusion Imaging (TEdDI) distinguishes between compartmental T2 relaxation times. <i>NeuroImage</i> , 2018, 182, 360-369.	2.1	160
5442	White-matter microstructure and hearing acuity in older adults: a population-based cross-sectional DTI study. <i>Neurobiology of Aging</i> , 2018, 61, 124-131.	1.5	23
5443	Accounting for Non-Gaussian Sources of Spatial Correlation in Parametric Functional Magnetic Resonance Imaging Paradigms I: Revisiting Cluster-Based Inferences. <i>Brain Connectivity</i> , 2018, 8, 1-9.	0.8	10
5444	Consistency of magnetoencephalographic functional connectivity and network reconstruction using a template versus native M _{RI} for co-registration. <i>Human Brain Mapping</i> , 2018, 39, 104-119.	1.9	58
5445	The neurobiology of brain recovery from traumatic stress: A longitudinal DTI study. <i>Journal of Affective Disorders</i> , 2018, 225, 577-584.	2.0	17
5446	Microstructure-informed slow diffusion tractography in humans enhances visualisation of fibre pathways. <i>Magnetic Resonance Imaging</i> , 2018, 45, 7-17.	1.0	4
5447	Processing of structural neuroimaging data in young children: Bridging the gap between current practice and state-of-the-art methods. <i>Developmental Cognitive Neuroscience</i> , 2018, 33, 206-223.	1.9	50
5448	Gray matter structural networks are associated with cardiovascular risk factors in healthy older adults. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 360-372.	2.4	29
5449	White matter alterations associate with onset symptom dimension in obsessive-compulsive disorder. <i>Psychiatry and Clinical Neurosciences</i> , 2018, 72, 13-27.	1.0	10
5450	Role of Brain Structure in Predicting Adherence to a Physical Activity Regimen. <i>Psychosomatic Medicine</i> , 2018, 80, 69-77.	1.3	21
5451	Improving fMRI in signal drop-out regions at 7T by using tailored radio-frequency pulses: application to the ventral occipito-temporal cortex. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2018, 31, 257-267.	1.1	0
5452	A novel method based on independent component analysis for brain MR image tissue classification into CSF, WM and GM for atrophy detection in Alzheimer's disease. <i>Biomedical Signal Processing and Control</i> , 2018, 40, 41-48.	3.5	32
5453	Quantitative MR spectroscopic imaging in metachromatic leukodystrophy: value for prognosis and treatment. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 105-111.	0.9	24

#	ARTICLE	IF	CITATIONS
5454	Functional Activation During a Cognitive Control Task in Healthy Youth Specific to Externalizing or Internalizing Behaviors. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018, 3, 133-140.	1.1	4
5455	Reduced white matter integrity in borderline personality disorder: A diffusion tensor imaging study. <i>Journal of Affective Disorders</i> , 2018, 225, 723-732.	2.0	19
5456	Perinatal maternal depressive symptoms alter amygdala functional connectivity in girls. <i>Human Brain Mapping</i> , 2018, 39, 680-690.	1.9	71
5457	Gastric-bypass surgery induced widespread neural plasticity of the obese human brain. <i>NeuroImage</i> , 2018, 172, 853-863.	2.1	30
5458	Grey matter volume loss is associated with specific clinical motor signs in Huntington's disease. <i>Parkinsonism and Related Disorders</i> , 2018, 46, 56-61.	1.1	46
5459	Functional brain networks involved in decision-making under certain and uncertain conditions. <i>Neuroradiology</i> , 2018, 60, 61-69.	1.1	30
5460	Dynamics of perceptual decisions about symmetry in visual cortex. <i>NeuroImage</i> , 2018, 167, 316-330.	2.1	27
5461	White matter integrity mediates decline in age-related inhibitory control. <i>Behavioural Brain Research</i> , 2018, 339, 249-254.	1.2	29
5462	Effects of bilingualism on white matter integrity in older adults. <i>NeuroImage</i> , 2018, 167, 143-150.	2.1	66
5463	Modulation of working memory load distinguishes individuals with and without balance impairments following mild traumatic brain injury. <i>Brain Injury</i> , 2018, 32, 191-199.	0.6	14
5464	Striatal structure and its association with N-Acetylaspartate and glutamate in autism spectrum disorder and obsessive compulsive disorder. <i>European Neuropsychopharmacology</i> , 2018, 28, 118-129.	0.3	18
5465	Impact of brain shift on subcallosal cingulate deep brain stimulation. <i>Brain Stimulation</i> , 2018, 11, 445-453.	0.7	20
5466	Lateral medullary syndrome following injury of the vestibular pathway to the core vestibular cortex: Diffusion tensor imaging study. <i>Neuroscience Letters</i> , 2018, 665, 147-151.	1.0	9
5467	Assessing age-dependent multi-task functional co-activation changes using measures of task-potency. <i>Developmental Cognitive Neuroscience</i> , 2018, 33, 5-16.	1.9	7
5468	Multi-modal imaging investigation of anterior cingulate cortex cytoarchitecture in neurodevelopment. <i>European Neuropsychopharmacology</i> , 2018, 28, 13-23.	0.3	7
5469	Longitudinal structural changes in ALS: a three time-point imaging study of white and gray matter degeneration. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2018, 19, 232-241.	1.1	82
5470	How landmark suitability shapes recognition memory signals for objects in the medial temporal lobes. <i>NeuroImage</i> , 2018, 166, 425-436.	2.1	13
5471	Toward quantitative fast diffusion kurtosis imaging with b ₀ values chosen in consideration of signal-to-noise ratio and model fidelity. <i>Medical Physics</i> , 2018, 45, 605-612.	1.6	3

#	ARTICLE	IF	CITATIONS
5472	Anatomical and functional changes in the brain after simultaneous interpreting training: A longitudinal study. <i>Cortex</i> , 2018, 99, 243-257.	1.1	48
5473	Structural network differences in chronic musculoskeletal pain: Beyond fractional anisotropy. <i>NeuroImage</i> , 2018, 182, 441-455.	2.1	32
5474	A standardised frankincense extract reduces disease activity in relapsing-remitting multiple sclerosis (the SABA phase IIa trial). <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 330-338.	0.9	23
5475	Avolition-Apathy and White Matter Connectivity in Schizophrenia: Reduced Fractional Anisotropy Between Amygdala and Insular Cortex. <i>Clinical EEG and Neuroscience</i> , 2018, 49, 55-65.	0.9	31
5476	The relationship between putamen-SMA functional connectivity and sensorimotor abnormality in ESRD patients. <i>Brain Imaging and Behavior</i> , 2018, 12, 1346-1354.	1.1	11
5477	Longitudinal Diffusion Tensor Imaging Revealed Nerve Fiber Alterations in Aspm Mutated Microcephaly Model Mice. <i>Neuroscience</i> , 2018, 371, 325-336.	1.1	6
5478	Proton density-weighted laryngeal magnetic resonance imaging in systemically dehydrated rats. <i>Laryngoscope</i> , 2018, 128, E222-E227.	1.1	9
5479	Single severe traumatic brain injury produces progressive pathology with ongoing contralateral white matter damage one year after injury. <i>Experimental Neurology</i> , 2018, 300, 167-178.	2.0	86
5480	Disruption of network for visual perception of natural motion in primary dystonia. <i>Human Brain Mapping</i> , 2018, 39, 1163-1174.	1.9	4
5481	An open-label positron emission tomography study to evaluate serotonin transporter occupancy following escalating dosing regimens of (R)-desmethylvenlafaxine and racemic desmethylvenlafaxine. <i>Synapse</i> , 2018, 72, e22021.	0.6	6
5482	Thermal Stimulation Changes Diffusivity of the Spinothalamic Tract. <i>Spine</i> , 2018, 43, E697-E702.	1.0	1
5483	Cognitive and behavioral comorbidities in Rolandic epilepsy and their relation with default mode network's functional connectivity and organization. <i>Epilepsy and Behavior</i> , 2018, 78, 179-186.	0.9	27
5484	A comprehensive analysis of resting state fMRI measures to classify individual patients with Alzheimer's disease. <i>NeuroImage</i> , 2018, 167, 62-72.	2.1	160
5485	White matter abnormalities in 22q11.2 deletion syndrome patients showing cognitive decline. <i>Psychological Medicine</i> , 2018, 48, 1655-1663.	2.7	12
5486	A Multimodal Magnetic Resonance Imaging Study of Recovery of Consciousness in Severe Traumatic Brain Injury: Preliminary Results. <i>Journal of Neurotrauma</i> , 2018, 35, 308-313.	1.7	5
5487	Reproducibility of Brain MRI Segmentation Algorithms: Empirical Comparison of Local MAP PSTAPLE, FreeSurfer, and FSL-FIRST. <i>Journal of Neuroimaging</i> , 2018, 28, 162-172.	1.0	43
5488	Mapping the structural and functional network architecture of the medial temporal lobe using 7T MRI. <i>Human Brain Mapping</i> , 2018, 39, 851-865.	1.9	60
5489	White matter structural integrity and transcranial Doppler blood flow pulsatility in normal aging. <i>Magnetic Resonance Imaging</i> , 2018, 47, 97-102.	1.0	11

#	ARTICLE	IF	CITATIONS
5490	Resting-state connectivity and executive functions after pediatric arterial ischemic stroke. <i>NeuroImage: Clinical</i> , 2018, 17, 359-367.	1.4	31
5491	Impaired cerebrovascular reactivity in obstructive sleep apnea: a case-control study. <i>Sleep Medicine</i> , 2018, 43, 7-13.	0.8	23
5492	White matter maturation during 12 months in individuals at ultra-high risk for psychosis. <i>Acta Psychiatrica Scandinavica</i> , 2018, 137, 65-78.	2.2	23
5493	Connectivity-Based Parcellation of the Amygdala Predicts Social Skills in Adolescents with Autism Spectrum Disorder. <i>Journal of Autism and Developmental Disorders</i> , 2018, 48, 572-582.	1.7	21
5494	Dysfunction in emotion processing underlies functional (psychogenic) dystonia. <i>Movement Disorders</i> , 2018, 33, 136-145.	2.2	51
5495	Normal white matter microstructure in women long-term recovered from anorexia nervosa: A diffusion tensor imaging study. <i>International Journal of Eating Disorders</i> , 2018, 51, 46-52.	2.1	17
5496	Global structural integrity and effective connectivity in patients with disorders of consciousness. <i>Brain Stimulation</i> , 2018, 11, 358-365.	0.7	39
5497	Robust brain ROI segmentation by deformation regression and deformable shape model. <i>Medical Image Analysis</i> , 2018, 43, 198-213.	7.0	25
5498	Comparing multilayer brain networks between groups: Introducing graph metrics and recommendations. <i>NeuroImage</i> , 2018, 166, 371-384.	2.1	44
5499	EEG coherence related to fMRI resting state synchrony in long-term abstinent alcoholics. <i>NeuroImage: Clinical</i> , 2018, 17, 481-490.	1.4	14
5500	Radial asymmetries in population receptive field size and cortical magnification factor in early visual cortex. <i>NeuroImage</i> , 2018, 167, 41-52.	2.1	70
5501	Neuroanatomical correlates of donating behavior in middle childhood. <i>Social Neuroscience</i> , 2018, 13, 541-552.	0.7	7
5502	Joint system relaxometry (JSR) and CrÃ;merâ€Rao lower bound optimization of sequence parameters: A framework for enhanced precision of DESPOT T ₁ and T ₂ estimation. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 234-245.	1.9	34
5503	Quiet echo planar imaging for functional and diffusion MRI. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 1447-1459.	1.9	35
5504	Relationship of executive functioning deficits to N-acetyl aspartate (NAA) and gamma-aminobutyric acid (GABA) in youth with bipolar disorder. <i>Journal of Affective Disorders</i> , 2018, 225, 71-78.	2.0	22
5505	Global loss of myelin water over 5 years in multiple sclerosis normal-appearing white matter. <i>Multiple Sclerosis Journal</i> , 2018, 24, 1557-1568.	1.4	33
5506	White matter microstructure predicts longitudinal social cognitive outcomes after paediatric traumatic brain injury: a diffusion tensor imaging study. <i>Psychological Medicine</i> , 2018, 48, 679-691.	2.7	51
5507	Impact of early and recent stress on white matter microstructure in major depressive disorder. <i>Journal of Affective Disorders</i> , 2018, 225, 289-297.	2.0	24

#	ARTICLE	IF	CITATIONS
5508	Effect of Citalopram on Emotion Processing in Humans: A Combined 5-HT1A [11C]CUMI-101 PET and Functional MRI Study. <i>Neuropsychopharmacology</i> , 2018, 43, 655-664.	2.8	49
5509	Restoration of thalamo-cortical connectivity after brain injury: recovery of consciousness, complex behavior, or passage of time?. <i>Journal of Neuroscience Research</i> , 2018, 96, 671-687.	1.3	36
5510	Increased inter-hemispheric functional connectivity for concrete word imagery compared to abstract word imagery. , 2018, , .		0
5511	Fixel-Based Analysis of White Matter in Temporal Lobe Epilepsy. , 2018, , .		1
5512	Ventral striatal dopamine transporter availability is associated with lower trait motor impulsivity in healthy adults. <i>Translational Psychiatry</i> , 2018, 8, 269.	2.4	17
5513	Within-Network Connectivity in the Salience Network After Attention Bias Modification Training in Residual Depression: Report From a Preregistered Clinical Trial. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 508.	1.0	20
5514	Technology Enablers for Big Data, Multi-Stage Analysis in Medical Image Processing. , 2018, , .		1
5515	The Precuneus â€“ A Witness for Excessive A β 2 Gathering in Alzheimerâ€™s Disease Pathology. <i>Neurodegenerative Diseases</i> , 2018, 18, 302-309.	0.8	13
5516	Intelligent Alzheimer's Detector Using Deep Learning. , 2018, , .		9
5517	Losing Control in Social Situations: How the Presence of Others Affects Neural Processes Related to Sense of Agency. <i>ENeuro</i> , 2018, 5, ENEURO.0336-17.2018.	0.9	30
5518	Feasibility of Diffusion Tensor and Morphologic Imaging of Peripheral Nerves at Ultra-High Field Strength. <i>Investigative Radiology</i> , 2018, 53, 705-713.	3.5	11
5519	Visual Feature Attribution Using Wasserstein GANs. , 2018, , .		72
5520	Comparison of fMRI Digit Representations of the Dominant and Non-dominant Hand in the Human Primary Somatosensory Cortex. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 492.	1.0	21
5521	Intrinsic thalamocortical connectivity varies in the age of onset subtypes in major depressive disorder. <i>Neuropsychiatric Disease and Treatment</i> , 2019, Volume 15, 75-82.	1.0	13
5522	No Plasmatic Proteomic Signature at Clinical Disease Onset Associated With 11 Year Clinical, Cognitive and MRI Outcomes in Relapsing-Remitting Multiple Sclerosis Patients. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 371.	1.4	3
5523	Diffusional kurtosis imaging of the corpus callosum in autism. <i>Molecular Autism</i> , 2018, 9, 62.	2.6	23
5524	Preliminary evidence from a prospective DTI study suggests a posterior-to-anterior pattern of recovery in college athletes with sports-related concussion. <i>Brain and Behavior</i> , 2018, 8, e01165.	1.0	16
5525	Organizing principles of pulvino-cortical functional coupling in humans. <i>Nature Communications</i> , 2018, 9, 5382.	5.8	40

#	ARTICLE	IF	CITATIONS
5526	Inverted Cone Convolutional Neural Network For Deboning MRIs. , 2018, , .		1
5527	A Practical Review on Medical Image Registration: From Rigid to Deep Learning Based Approaches. , 2018, , .		16
5528	MRI Based Brain-Specific 3D-Printed Model Aligned to Stereotactic Space for Registering Histology to MRI. , 2018, 2018, 802-805.		2
5529	Acute and Chronic Effects of Hypobaric Exposure upon the Brain. , 0, , .		4
5531	A Voxel-Based Magnetic Resonance Imaging Morphometric Study of Cerebral and Cerebellar Gray Matter in Patients Under 65 Years with Essential Tremor. Medical Science Monitor, 2018, 24, 3127-3135.	0.5	19
5532	Comparison of DTI analysis methods for clinical research: influence of pre-processing and tract selection methods. European Radiology Experimental, 2018, 2, 33.	1.7	14
5533	Concentrations of immunoglobulin free light chains in cerebrospinal fluid predict increased level of brain atrophy in multiple sclerosis. Immunologic Research, 2018, 66, 761-767.	1.3	11
5534	Resting-State Connectivity in Former, Current, and Never Smokers. Nicotine and Tobacco Research, 2018, 22, 180-187.	1.4	6
5535	A Comprehensive Survey on Tools for Effective Alzheimer's Disease Detection. Neuroscience International, 2018, 9, 1-10.	0.0	2
5536	White Matter Microstructure in Illiterate and Low-Literate Elderly Brazilians: Preliminary Findings. Cognitive and Behavioral Neurology, 2018, 31, 193-200.	0.5	9
5537	Multimodal Imaging of Retired Professional Contact Sport Athletes Does Not Provide Evidence of Structural and Functional Brain Damage. Journal of Head Trauma Rehabilitation, 2018, 33, E24-E32.	1.0	25
5538	Brain Impairment in Chronic Schizophrenia Patients with Depressive Symptoms Differs from Brain Impairment in Chronic Depression Patients with Psychotic Symptoms. Chinese Medical Journal, 2018, 131, 620-621.	0.9	1
5539	Investigation Of Interaction Between Physiological Signals And fMRI Dynamic Functional Connectivity Using Independent Component Analysis. , 2018, 2018, 1019-1023.		2
5540	Trial of Exercise to Prevent Hypertension in young Adults (TEPHRA) a randomized controlled trial: study protocol. BMC Cardiovascular Disorders, 2018, 18, 208.	0.7	11
5541	Interaction of Developmental Venous Anomalies with Resting-State Functional MRI Measures. American Journal of Neuroradiology, 2018, 39, 2326-2331.	1.2	5
5542	Profiling heterogeneity of Alzheimer's disease using white-matter impairment factors. NeuroImage: Clinical, 2018, 20, 1222-1232.	1.4	12
5543	The experience of vivid autobiographical reminiscence is supported by subjective content representations in the precuneus. Scientific Reports, 2018, 8, 14899.	1.6	41
5544	Mitigating head motion artifact in functional connectivity MRI. Nature Protocols, 2018, 13, 2801-2826.	5.5	211

#	ARTICLE	IF	CITATIONS
5545	Mutual Information Better Quantifies Brain Network Architecture in Children with Epilepsy. <i>Computational and Mathematical Methods in Medicine</i> , 2018, 2018, 1-9.	0.7	15
5546	Poor Sleep Quality Associates With Decreased Functional and Structural Brain Connectivity in Normative Aging: A MRI Multimodal Approach. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 375.	1.7	26
5547	The hippocampus underlies the association between self-esteem and physical health. <i>Scientific Reports</i> , 2018, 8, 17141.	1.6	16
5548	Exploring resting-state functional connectivity invariants across the lifespan in healthy people by means of a recently proposed graph theoretical model. <i>PLoS ONE</i> , 2018, 13, e0206567.	1.1	11
5549	Multimodal assessments of Zika virus immune pathophysiological responses in marmosets. <i>Scientific Reports</i> , 2018, 8, 17125.	1.6	4
5550	ROAST: An Open-Source, Fully-Automated, Realistic Volumetric-Approach-Based Simulator For TES. , 2018, 2018, 3072-3075.		55
5551	Altered Intracortical T1-Weighted/T2-Weighted Ratio Signal in Huntingtonâ€™s Disease. <i>Frontiers in Neuroscience</i> , 2018, 12, 805.	1.4	17
5552	Microstructural Findings in White Matter Associated with Cannabis and Alcohol Use in Early-Phase Psychosis: A Diffusion Tensor Imaging and Relaxometry Study. <i>Brain Connectivity</i> , 2018, 8, 567-576.	0.8	3
5553	Thalamic volume and dimensions on MRI in the pediatric population: Normative values and correlations. <i>European Journal of Radiology</i> , 2018, 109, 27-32.	1.2	12
5554	A novel visibility graph transformation of time series into weighted networks. <i>Chaos, Solitons and Fractals</i> , 2018, 117, 201-208.	2.5	58
5555	The Effects of Global Signal Regression on Estimates of Resting-State Blood Oxygen-Level-Dependent Functional Magnetic Resonance Imaging and Electroencephalogram Vigilance Correlations. <i>Brain Connectivity</i> , 2018, 8, 618-627.	0.8	18
5556	Interleaving Stimulation in Parkinsonâ€™s Disease, Tremor, and Dystonia. <i>Stereotactic and Functional Neurosurgery</i> , 2018, 96, 379-391.	0.8	32
5557	Sex Differences in Abnormal Intrinsic Functional Connectivity After Acute Mild Traumatic Brain Injury. <i>Frontiers in Neural Circuits</i> , 2018, 12, 107.	1.4	7
5558	Improving the Predictions of Computational Models of Convection-Enhanced Drug Delivery by Accounting for Diffusion Non-gaussianity. <i>Frontiers in Neurology</i> , 2018, 9, 1092.	1.1	3
5559	Posterior cingulate cortex/precuneus blood oxygen-level dependent signal changes during the repetition of an attention task in meditators and nonmeditators. <i>NeuroReport</i> , 2018, 29, 1463-1467.	0.6	7
5560	Distinct Functional Network Connectivity for Abstract and Concrete Mental Imagery. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 515.	1.0	4
5561	Gray matter atrophy in multiple sclerosis despite clinical and lesion stability during natalizumab treatment. <i>PLoS ONE</i> , 2018, 13, e0209326.	1.1	13
5562	Central Slab versus Whole Brain to Measure Brain Atrophy in Multiple Sclerosis. <i>European Neurology</i> , 2018, 80, 207-214.	0.6	5

#	ARTICLE	IF	CITATIONS
5563	Brain Glutamate, GABA, and Glutamine Levels and Associations with Recent Drinking in Treatment-Naïve Individuals with Alcohol Use Disorder Versus Light Drinkers. <i>Alcoholism: Clinical and Experimental Research</i> , 2019, 43, 221-226.	1.4	24
5564	Neural Basis of Action Observation and Understanding From First- and Third-Person Perspectives: An fMRI Study. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 283.	1.0	36
5565	Functional and Structural Brain Plasticity in Adult Onset Single-Sided Deafness. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 474.	1.0	14
5566	An Approach for Image Encryption / Decryption Based on Quaternion Fourier Transform. , 2018, , .		10
5567	Differences in Neural Recovery From Acute Stress Between Cortisol Responders and Non-responders. <i>Frontiers in Psychiatry</i> , 2018, 9, 631.	1.3	13
5568	Inter-Vendor Reproducibility of Myelin Water Imaging Using a 3D Gradient and Spin Echo Sequence. <i>Frontiers in Neuroscience</i> , 2018, 12, 854.	1.4	28
5569	Alterations in Brain Network Topology and Structural-Functional Connectome Coupling Relate to Cognitive Impairment. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 404.	1.7	52
5570	Self-compassion is associated with less stress and depression and greater attention and brain response to affective stimuli in women managers. <i>BMC Women's Health</i> , 2018, 18, 195.	0.8	16
5571	Multi-Modality Imaging. , 2018, , .		1
5572	Neurobiology of social reward valuation in adults with a history of anorexia nervosa. <i>PLoS ONE</i> , 2018, 13, e0205085.	1.1	14
5573	Cognitive and Brain Activity Changes After Mnemonic Strategy Training in Amnesic Mild Cognitive Impairment: Evidence From a Randomized Controlled Trial. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 342.	1.7	18
5574	Dissociable forms of uncertainty-driven representational change across the human brain. <i>Journal of Neuroscience</i> , 2019, 39, 1713-18.	1.7	39
5575	Impact of Ischemic Lesion Location on the mRS Score in Patients with Ischemic Stroke: A Voxel-Based Approach. <i>American Journal of Neuroradiology</i> , 2018, 39, 1989-1994.	1.2	28
5576	White matter aberrations and age-related trajectories in patients with schizophrenia and bipolar disorder revealed by diffusion tensor imaging. <i>Scientific Reports</i> , 2018, 8, 14129.	1.6	53
5577	Detection of Leukocortical Lesions in Multiple Sclerosis and Their Association with Physical and Cognitive Impairment: A Comparison of Conventional and Synthetic Phase-Sensitive Inversion Recovery MRI. <i>American Journal of Neuroradiology</i> , 2018, 39, 1995-2000.	1.2	17
5578	Progressive loss of brain volume in children with sickle cell anemia and silent cerebral infarct: A report from the silent cerebral infarct transfusion trial. <i>American Journal of Hematology</i> , 2018, 93, E406-E408.	2.0	12
5579	Task-specificity in focal dystonia is shaped by aberrant diversity of a functional network kernel. <i>Movement Disorders</i> , 2018, 33, 1918-1927.	2.2	25
5580	An Open Resource for Non-human Primate Imaging. <i>Neuron</i> , 2018, 100, 61-74.e2.	3.8	190

#	ARTICLE	IF	CITATIONS
5581	White matter diffusion abnormalities in migraine and medication overuse headache: A 1.5-T tract-based spatial statistics study. <i>Clinical Neurology and Neurosurgery</i> , 2018, 174, 167-173.	0.6	22
5582	Evidence for peri-ictal blood-brain barrier dysfunction in patients with epilepsy. <i>Brain</i> , 2018, 141, 2952-2965.	3.7	79
5583	Amyloid positron emission tomography and cerebrospinal fluid results from a crenezumab anti-amyloid-beta antibody double-blind, placebo-controlled, randomized phase II study in mild-to-moderate Alzheimer's disease (BLAZE). <i>Alzheimer's Research and Therapy</i> , 2018, 10, 96.	3.0	109
5584	Improving the SIENA performance using BEaST brain extraction. <i>PLoS ONE</i> , 2018, 13, e0196945.	1.1	6
5585	Hippocampal Functional Dynamics Are Clinically Implicated in Autoimmune Encephalitis With Faciobrachial Dystonic Seizures. <i>Frontiers in Neurology</i> , 2018, 9, 736.	1.1	7
5586	Two-Dimensional Proton Magnetic Resonance Spectroscopy versus J-Editing for GABA Quantification in Human Brain: Insights from a GABA-Aminotransferase Inhibitor Study. <i>Scientific Reports</i> , 2018, 8, 13200.	1.6	4
5587	Simultaneous and inherent correction of B0 and eddy-current induced distortions in high-resolution diffusion MRI using reversed polarity gradients and multiplexed sensitivity encoding (RPG-MUSE). <i>NeuroImage</i> , 2018, 183, 985-993.	2.1	10
5588	Retinothalamic White Matter Abnormalities in Amblyopia. , 2018, 59, 921.		24
5589	The Bayesian risk estimate at onset (BREMSO) correlates with cognitive and physical disability in patients with early multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2018, 26, 96-102.	0.9	1
5590	Reduced Regional Cerebral Blood Flow Relates to Poorer Cognition in Older Adults With Type 2 Diabetes. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 270.	1.7	83
5591	Impact of bariatric surgery on neural food processing and cognition: an fMRI study. <i>BMJ Open</i> , 2018, 8, e022375.	0.8	2
5592	No Evidence That Frontal Eye Field tDCS Affects Latency or Accuracy of Prosaccades. <i>Frontiers in Neuroscience</i> , 2018, 12, 617.	1.4	10
5593	Rostro-caudal organization of the human posterior superior temporal sulcus revealed by connectivity profiles. <i>Human Brain Mapping</i> , 2018, 39, 5112-5125.	1.9	8
5594	Anatomical Templates of the Midbrain Ventral Tegmental Area and Substantia Nigra for Asian Populations. <i>Frontiers in Psychiatry</i> , 2018, 9, 383.	1.3	9
5595	Hierarchical Bayesian Analyses for Modeling BOLD Time Series Data. <i>Computational Brain & Behavior</i> , 2018, 1, 184-213.	0.9	11
5596	Multimodal MRI suggests that male homosexuality may be linked to cerebral midline structures. <i>PLoS ONE</i> , 2018, 13, e0203189.	1.1	10
5597	Somatotopic Mapping of the Developing Sensorimotor Cortex in the Preterm Human Brain. <i>Cerebral Cortex</i> , 2018, 28, 2507-2515.	1.6	68
5598	Analysis of fMRI Data. <i>Use R!</i> , 2018, , 409-450.	0.3	2

#	ARTICLE	IF	CITATIONS
5599	Alpha Waves as a Neuromarker of Autism Spectrum Disorder: The Challenge of Reproducibility and Heterogeneity. <i>Frontiers in Neuroscience</i> , 2018, 12, 662.	1.4	37
5601	Randomized controlled trial of brain specific fatty acid supplementation in pregnant women increases brain volumes on MRI scans of their newborn infants. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2018, 138, 6-13.	1.0	20
5602	Exploring mania-associated white matter injury by comparison with multiple sclerosis: a diffusion tensor imaging study. <i>Psychiatry Research - Neuroimaging</i> , 2018, 281, 78-84.	0.9	6
5603	Music improves social communication and auditory-motor connectivity in children with autism. <i>Translational Psychiatry</i> , 2018, 8, 231.	2.4	109
5604	Aberrant Structural Brain Connectivity in Adolescents with Attentional Problems Who Were Born Prematurely. <i>American Journal of Neuroradiology</i> , 2018, 39, 2140-2147.	1.2	5
5605	Repetitive Transcranial Electrical Stimulation Induces Quantified Changes in Resting Cerebral Perfusion Measured from Arterial Spin Labeling. <i>Neural Plasticity</i> , 2018, 2018, 1-12.	1.0	11
5606	Topographic Cortico-cerebellar Networks Revealed by Visual Attention and Working Memory. <i>Current Biology</i> , 2018, 28, 3364-3372.e5.	1.8	78
5607	Dysfunctional effort-based decision-making underlies apathy in genetic cerebral small vessel disease. <i>Brain</i> , 2018, 141, 3193-3210.	3.7	27
5608	Deep Transcranial Magnetic Stimulation for the Addiction Treatment: Electric Field Distribution Modeling. <i>IEEE Journal of Electromagnetics, RF and Microwaves in Medicine and Biology</i> , 2018, 2, 242-248.	2.3	19
5609	Circulating cortisol and cognitive and structural brain measures. <i>Neurology</i> , 2018, 91, e1961-e1970.	1.5	90
5610	Association of deposition of tau and amyloid- β proteins with structural connectivity changes in cognitively normal older adults and Alzheimer's disease spectrum patients. <i>Brain and Behavior</i> , 2018, 8, e01145.	1.0	18
5611	Spatial and Temporal Organization of the Individual Human Cerebellum. <i>Neuron</i> , 2018, 100, 977-993.e7.	3.8	201
5612	FUNDAMANT: an interventional 72-week phase 1 follow-up study of AADvac1, an active immunotherapy against tau protein pathology in Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2018, 10, 108.	3.0	87
5613	Gray matter differences in patients with functional movement disorders. <i>Neurology</i> , 2018, 91, e1870-e1879.	1.5	39
5614	Anhedonia and depression severity dissociated by dmPFC resting-state functional connectivity in adolescents. <i>Journal of Psychopharmacology</i> , 2018, 32, 1067-1074.	2.0	51
5615	The neural representation of an individualized relational affective space. <i>Neuropsychologia</i> , 2018, 120, 35-42.	0.7	12
5616	Myelin water fraction changes in febrile seizures. <i>Clinical Neurology and Neurosurgery</i> , 2018, 175, 61-67.	0.6	7
5617	Distinct topological properties of cue-evoked attention processing network in persisters and remitters of childhood ADHD. <i>Cortex</i> , 2018, 109, 234-244.	1.1	10

#	ARTICLE	IF	CITATIONS
5618	A Correlational Study between Microstructural White Matter Properties and Macrostructural Gray Matter Volume Across Normal Ageing: Conjoint DTI and VBM Analysis. <i>Magnetic Resonance Insights</i> , 2018, 11, 1178623X1879992.	2.5	10
5619	Recognizing visual speech: Reduced responses in visual-movement regions, but not other speech regions in autism. <i>NeuroImage: Clinical</i> , 2018, 20, 1078-1091.	1.4	14
5620	Hemodynamic Impairment Measured by Positron-Emission Tomography Is Regionally Associated with Decreased Cortical Thickness in Moyamoya Phenomenon. <i>American Journal of Neuroradiology</i> , 2018, 39, 2037-2044.	1.2	8
5621	Cross-sectional white matter microstructure differences in age and trait mindfulness. <i>PLoS ONE</i> , 2018, 13, e0205718.	1.1	16
5622	Dissociable Neural Systems for Recognizing Places and Navigating through Them. <i>Journal of Neuroscience</i> , 2018, 38, 10295-10304.	1.7	31
5623	Associations Among Suicidal Ideation, White Matter Integrity and Cognitive Deficit in First-Episode Schizophrenia. <i>Frontiers in Psychiatry</i> , 2018, 9, 391.	1.3	43
5624	Early changes in white matter predict intellectual outcome in children treated for posterior fossa tumors. <i>NeuroImage: Clinical</i> , 2018, 20, 697-704.	1.4	15
5625	Central nervous system microbleeds in the acute phase are associated with structural integrity by DTI one year after mild traumatic brain injury: A longitudinal study. <i>Neurologia I Neurochirurgia Polska</i> , 2018, 52, 710-719.	0.6	17
5626	Converging evidence for functional and structural segregation within the left ventral occipitotemporal cortex in reading. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E9981-E9990.	3.3	116
5627	Prospection, Perseverance, and Insight in Sequential Behavior. <i>Neuron</i> , 2018, 99, 1069-1082.e7.	3.8	49
5628	Eccentric cross-exercise after anterior cruciate ligament reconstruction: Novel case series to enhance neuroplasticity. <i>Physical Therapy in Sport</i> , 2018, 34, 55-65.	0.8	13
5629	Validation of diffusion tensor imaging measures of nigrostriatal neurons in macaques. <i>PLoS ONE</i> , 2018, 13, e0202201.	1.1	15
5630	Adolescents' brain-autonomic coupling during emotion processing. <i>NeuroImage</i> , 2018, 183, 818-827.	2.1	16
5631	Altered Functional Brain Connectivity in Mild Cognitive Impairment during a Cognitively Complex Car Following Task. <i>Geriatrics (Switzerland)</i> , 2018, 3, 20.	0.6	5
5632	Big-Loop Recurrence within the Hippocampal System Supports Integration of Information across Episodes. <i>Neuron</i> , 2018, 99, 1342-1354.e6.	3.8	110
5633	Oculomotor Neural Integrator Dysfunction in Multiple Sclerosis: Insights From Neuroimaging. <i>Frontiers in Neurology</i> , 2018, 9, 691.	1.1	4
5634	Fast CSF MRI for brain segmentation; Cross-validation by comparison with 3D T1-based brain segmentation methods. <i>PLoS ONE</i> , 2018, 13, e0196119.	1.1	8
5635	Zero-shot fMRI decoding with three-dimensional registration based on diffusion tensor imaging. <i>Scientific Reports</i> , 2018, 8, 12342.	1.6	3

#	ARTICLE	IF	CITATIONS
5636	Scalar diffusion-MRI measures invariant to acquisition parameters: A first step towards imaging biomarkers. <i>Magnetic Resonance Imaging</i> , 2018, 54, 194-213.	1.0	9
5637	Preliminary report: parasympathetic tone links to functional brain networks during the anticipation and experience of visceral pain. <i>Scientific Reports</i> , 2018, 8, 13410.	1.6	16
5638	Structural and functional brain changes in perimenopausal women who are susceptible to migraine: a study protocol of multi-modal MRI trial. <i>BMC Medical Imaging</i> , 2018, 18, 26.	1.4	4
5639	Effects of primatological training on anthropomorphic valuations of emotions. <i>IBRO Reports</i> , 2018, 5, 54-59.	0.3	0
5640	Pathological Insights From Quantitative Susceptibility Mapping and Diffusion Tensor Imaging in Ice Hockey Players Pre and Post-concussion. <i>Frontiers in Neurology</i> , 2018, 9, 575.	1.1	14
5641	A systematic review of structural MRI biomarkers in autism spectrum disorder: A machine learning perspective. <i>International Journal of Developmental Neuroscience</i> , 2018, 71, 68-82.	0.7	102
5642	The Lifespan Trajectory of the Encoding-Retrieval Flip: A Multimodal Examination of Medial Parietal Cortex Contributions to Episodic Memory. <i>Journal of Neuroscience</i> , 2018, 38, 8666-8679.	1.7	14
5643	The Combination of Functional and Structural MRI Is a Potential Screening Tool in Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 251.	1.7	4
5644	Art therapy and underlying fMRI brain patterns in military TBI: A case series. <i>International Journal of Art Therapy: Inscape</i> , 2018, 23, 180-187.	0.6	23
5645	Development of white matter microstructure in relation to verbal and visuospatial working memory—A longitudinal study. <i>PLoS ONE</i> , 2018, 13, e0195540.	1.1	48
5646	Neural correlates of changes in sexual function in frontotemporal dementia: implications for reward and physiological functioning. <i>Journal of Neurology</i> , 2018, 265, 2562-2572.	1.8	14
5647	Multiple Sclerosis-Secondary Progressive Multi-Arm Randomisation Trial (MS-SMART): a multiarm phase IIb randomised, double-blind, placebo-controlled clinical trial comparing the efficacy of three neuroprotective drugs in secondary progressive multiple sclerosis. <i>BMJ Open</i> , 2018, 8, e021944.	0.8	43
5648	Efficacy of Auditory versus Motor Learning for Skilled and Novice Performers. <i>Journal of Cognitive Neuroscience</i> , 2018, 30, 1657-1682.	1.1	15
5649	Histogram analysis of DTI-derived indices reveals pontocerebellar degeneration and its progression in SCA2. <i>PLoS ONE</i> , 2018, 13, e0200258.	1.1	22
5650	Dynamic Functional and Network Connectivity Changes of Functional MRI Data: Parkinson's Study. , 2018, , .		0
5651	Disrupted topology of the resting state structural connectome in middle-aged APOE $\epsilon 4$ carriers. <i>NeuroImage</i> , 2018, 178, 295-305.	2.1	34
5652	Hematocrit Measurement with R2* and Quantitative Susceptibility Mapping in Postmortem Brain. <i>American Journal of Neuroradiology</i> , 2018, 39, 1260-1266.	1.2	1
5653	The neural circuitry of restricted repetitive behavior: Magnetic resonance imaging in neurodevelopmental disorders and animal models. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 92, 152-171.	2.9	54

#	ARTICLE	IF	CITATIONS
5654	Cerebral white matter sex dimorphism in alcoholism: a diffusion tensor imaging study. <i>Neuropsychopharmacology</i> , 2018, 43, 1876-1883.	2.8	33
5655	In vivo characterization of 3D skull and brain motion during dynamic head vibration using magnetic resonance elastography. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 2573-2585.	1.9	15
5656	Mutual connectivity analysis of resting-state functional MRI data with local models. <i>NeuroImage</i> , 2018, 178, 210-223.	2.1	18
5657	Baseline NAWM structural integrity and CBF predict periventricular WMH expansion over time. <i>Neurology</i> , 2018, 90, e2119-e2126.	1.5	69
5658	White Matter Microstructure and Information Processing at the Completion of Chemotherapy-Only Treatment for Pediatric Acute Lymphoblastic Leukemia. <i>Developmental Neuropsychology</i> , 2018, 43, 385-402.	1.0	9
5659	A novel phaseâ€unwrapping method by using phaseâ€jump detection and local surface fitting: application to <scp>D</scp>ixon waterâ€fat <scp>MRI</scp>. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 2630-2640.	1.9	2
5660	Cerebro-Cerebellar Functional Connectivity is Associated with Cerebellar Excitationâ€Inhibition Balance in Autism Spectrum Disorder. <i>Journal of Autism and Developmental Disorders</i> , 2018, 48, 3460-3473.	1.7	38
5661	Attending to What and Where: Background Connectivity Integrates Categorical and Spatial Attention. <i>Journal of Cognitive Neuroscience</i> , 2018, 30, 1281-1297.	1.1	24
5662	Correlated Gene Expression and Anatomical Communication Support Synchronized Brain Activity in the Mouse Functional Connectome. <i>Journal of Neuroscience</i> , 2018, 38, 5774-5787.	1.7	23
5663	White matter disruptions in patients with bipolar disorder. <i>European Neuropsychopharmacology</i> , 2018, 28, 743-751.	0.3	54
5664	Multivoxel pattern similarity suggests the integration of temporal duration in hippocampal event sequence representations. <i>NeuroImage</i> , 2018, 178, 136-146.	2.1	32
5665	Differentiation of Alzheimer's disease based on local and global parameters in personalized Virtual Brain models. <i>NeuroImage: Clinical</i> , 2018, 19, 240-251.	1.4	69
5666	Structural and Functional Connectivity Underlying Gray Matter Covariance: Impact of Developmental Insult. <i>Brain Connectivity</i> , 2018, 8, 299-310.	0.8	9
5667	Linking spatial gene expression patterns to sex-specific brain structural changes on a mouse model of 16p11.2 hemideletion. <i>Translational Psychiatry</i> , 2018, 8, 109.	2.4	43
5668	Quantitative assessment of prefrontal cortex in humans relative to nonhuman primates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5183-E5192.	3.3	203
5669	Thalamocortical Tracts, but not the Putamen, Present Microstructural Abnormalities in Juvenile Myoclonic Epilepsy: A Diffusion Tractography Study. <i>Journal of Pediatric Epilepsy</i> , 2018, 07, 014-020.	0.1	0
5670	Global and Widespread Local White Matter Abnormalities in Juvenile Neuronal Ceroid Lipofuscinosis. <i>American Journal of Neuroradiology</i> , 2018, 39, 1349-1354.	1.2	6
5671	The association between white matter and sleep spindles differs in young and older individuals. <i>Sleep</i> , 2018, 41, .	0.6	21

#	ARTICLE	IF	CITATIONS
5672	Atrophied Brain Lesion Volume: A New Imaging Biomarker in Multiple Sclerosis. <i>Journal of Neuroimaging</i> , 2018, 28, 490-495.	1.0	50
5673	Sparse deformation prediction using Markove Decision Processes (MDP) for Non-rigid registration of MR image. <i>Computer Methods and Programs in Biomedicine</i> , 2018, 162, 47-59.	2.6	6
5674	Age and Alzheimer's pathology disrupt default mode network functioning via alterations in white matter microstructure but not hyperintensities. <i>Cortex</i> , 2018, 104, 58-74.	1.1	24
5675	Post-therapy Functional Magnetic Resonance Imaging in Adults with Symptomatic Convergence Insufficiency. <i>Optometry and Vision Science</i> , 2018, 95, 505-514.	0.6	14
5676	Integrative and distinctive coding of visual and conceptual object features in the ventral visual stream. <i>ELife</i> , 2018, 7, .	2.8	145
5677	Striatal subdivisions that coherently interact with multiple cerebrocortical networks. <i>Human Brain Mapping</i> , 2018, 39, 4349-4359.	1.9	21
5678	Changes in sensorimotor network activation after botulinum toxin type A injections in patients with cervical dystonia: a functional MRI study. <i>Experimental Brain Research</i> , 2018, 236, 2627-2637.	0.7	31
5679	Corpus callosal involvement is correlated with cognitive impairment in multiple system atrophy. <i>Journal of Neurology</i> , 2018, 265, 2079-2087.	1.8	19
5680	Longitudinal data for magnetic susceptibility of normative human brain development and aging over the lifespan. <i>Data in Brief</i> , 2018, 20, 623-631.	0.5	23
5681	Alterations of functional circuitry in aging brain and the impact of mutated APP expression. <i>Neurobiology of Aging</i> , 2018, 70, 276-290.	1.5	26
5682	Comparison of probabilistic tractography and tract-based spatial statistics for assessing optic radiation damage in patients with autoimmune inflammatory disorders of the central nervous system. <i>NeuroImage: Clinical</i> , 2018, 19, 538-550.	1.4	40
5683	dACC response to presentation of negative feedback predicts stimulant dependence diagnosis and stimulant use severity. <i>NeuroImage: Clinical</i> , 2018, 20, 16-23.	1.4	8
5684	Functional and structural brain networks in posterior cortical atrophy: A two-centre multiparametric MRI study. <i>NeuroImage: Clinical</i> , 2018, 19, 901-910.	1.4	23
5685	Resting-state fMRI reveals network disintegration during delirium. <i>NeuroImage: Clinical</i> , 2018, 20, 35-41.	1.4	40
5686	Brain abnormalities in children and adolescents with chronic kidney disease. <i>Pediatric Research</i> , 2018, 84, 387-392.	1.1	30
5687	Study of the Influence of Age in ¹⁸ F-FDG PET Images Using a Data-Driven Approach and Its Evaluation in Alzheimer's Disease. <i>Contrast Media and Molecular Imaging</i> , 2018, 2018, 1-16.	0.4	18
5688	Loss of white matter integrity reflects tau accumulation in Alzheimer disease defined regions. <i>Neurology</i> , 2018, 91, e313-e318.	1.5	68
5689	Assessing Biological and Methodological Aspects of Brain Volume Loss in Multiple Sclerosis. <i>JAMA Neurology</i> , 2018, 75, 1246.	4.5	32

#	ARTICLE	IF	CITATIONS
5690	Abnormal brain white matter in patients with right trigeminal neuralgia: a diffusion tensor imaging study. <i>Journal of Headache and Pain</i> , 2018, 19, 46.	2.5	25
5691	Identification of Alcoholism Based on Wavelet Renyi Entropy and Three-Segment Encoded Jaya Algorithm. <i>Complexity</i> , 2018, 2018, 1-13.	0.9	21
5692	Spinal cord volume loss. <i>Neurology</i> , 2018, 91, e349-e358.	1.5	66
5693	Thinner retinal layers are associated with changes in the visual pathway: A population-based study. <i>Human Brain Mapping</i> , 2018, 39, 4290-4301.	1.9	25
5694	White matter alterations in the internal capsule and psychomotor impairment in melancholic depression. <i>PLoS ONE</i> , 2018, 13, e0195672.	1.1	27
5695	Task difficulty modulates brain-behavior correlations in language production and cognitive control: Behavioral and fMRI evidence from a phonological go/no-go picture-naming paradigm. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2018, 18, 964-981.	1.0	17
5696	Multiple Scales of Representation along the Hippocampal Anteroposterior Axis in Humans. <i>Current Biology</i> , 2018, 28, 2129-2135.e6.	1.8	193
5697	Deep-learned 3D black-blood imaging using automatic labelling technique and 3D convolutional neural networks for detecting metastatic brain tumors. <i>Scientific Reports</i> , 2018, 8, 9450.	1.6	36
5698	Changes in brain architecture are consistent with altered fear processing in domestic rabbits. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 7380-7385.	3.3	45
5699	Prediction of Pivotal response treatment outcome with task fMRI using random forest and variable selection. , 2018, 2018, 97-100.		11
5700	Chronic differences in white matter integrity following sport-related concussion as measured by diffusion MRI: 6-month follow-up. <i>Human Brain Mapping</i> , 2018, 39, 4276-4289.	1.9	41
5701	Meaningful inhibition: Exploring the role of meaning and modality in response inhibition. <i>NeuroImage</i> , 2018, 181, 108-119.	2.1	29
5702	The neural system of metacognition accompanying decision-making in the prefrontal cortex. <i>PLoS Biology</i> , 2018, 16, e2004037.	2.6	73
5703	The brain metabolic signature of visual hallucinations in dementia with Lewy bodies. <i>Cortex</i> , 2018, 108, 13-24.	1.1	18
5704	Sensitivity and specificity of hypoactivations and failure of de-activation in schizophrenia. <i>Schizophrenia Research</i> , 2018, 201, 224-230.	1.1	6
5705	Reproducibility of importance extraction methods in neural network based fMRI classification. <i>NeuroImage</i> , 2018, 181, 44-54.	2.1	11
5706	Neural bases of enhanced attentional control: Lessons from action video game players. <i>Brain and Behavior</i> , 2018, 8, e01019.	1.0	36
5707	Altered White Matter Microstructure Correlates with IQ and Processing Speed in Children and Adolescents Post-Fontan. <i>Journal of Pediatrics</i> , 2018, 200, 140-149.e4.	0.9	39

#	ARTICLE	IF	CITATIONS
5708	White-matter structural connectivity predicts short-term melody and rhythm learning in non-musicians. <i>NeuroImage</i> , 2018, 181, 252-262.	2.1	24
5709	Similarity in functional brain architecture between rest and specific task modes: A model of genetic and environmental contributions to episodic memory. <i>NeuroImage</i> , 2018, 179, 489-504.	2.1	2
5710	Structural Brain Alterations Before and After Total Knee Arthroplasty: A Longitudinal Assessment. <i>Pain Medicine</i> , 2018, 19, 2166-2176.	0.9	37
5711	Removing unwanted background phase with a reference phantom for applications in susceptibility quantification. <i>Magnetic Resonance Imaging</i> , 2018, 54, 32-45.	1.0	1
5712	Physiological Measurements. , 2018, , 253-277.		5
5713	Girls' pubertal development is associated with white matter microstructure in late adolescence. <i>NeuroImage</i> , 2018, 181, 659-669.	2.1	21
5714	Cerebrovascular segmentation of TOF-MRA based on seed point detection and multiple-feature fusion. <i>Computerized Medical Imaging and Graphics</i> , 2018, 69, 1-8.	3.5	11
5715	Evaluation of the accuracy and precision of the diffusion parameter ESTimation with Gibbs and Noise removal pipeline. <i>NeuroImage</i> , 2018, 183, 532-543.	2.1	123
5716	Comparison of spatial normalization strategies of diffusion MRI data for studying motor outcome in subacute-chronic and acute stroke. <i>NeuroImage</i> , 2018, 183, 186-199.	2.1	14
5717	The language of music: Common neural codes for structured sequences in music and natural language. <i>Brain and Language</i> , 2018, 185, 30-37.	0.8	24
5718	The cerebral metabolic topography of spinocerebellar ataxia type 3. <i>NeuroImage: Clinical</i> , 2018, 19, 90-97.	1.4	25
5719	Differential Age-Related Changes in Structural Covariance Networks of Human Anterior and Posterior Hippocampus. <i>Frontiers in Physiology</i> , 2018, 9, 518.	1.3	16
5720	Well-being and Anticipation for Future Positive Events: Evidences from an fMRI Study. <i>Frontiers in Psychology</i> , 2017, 8, 2199.	1.1	17
5721	Openness to Changing Religious Views Is Related to Radial Diffusivity in the Genu of the Corpus Callosum in an Initial Study of Healthy Young Adults. <i>Frontiers in Psychology</i> , 2018, 9, 330.	1.1	2
5722	Visual Attention to Suffering After Compassion Training Is Associated With Decreased Amygdala Responses. <i>Frontiers in Psychology</i> , 2018, 9, 771.	1.1	50
5723	Influences of Dietary Added Sugar Consumption on Striatal Food-Cue Reactivity and Postprandial GLP-1 Response. <i>Frontiers in Psychiatry</i> , 2017, 8, 297.	1.3	36
5724	Working Memory Modulates Glutamate Levels in the Dorsolateral Prefrontal Cortex during 1H fMRS. <i>Frontiers in Psychiatry</i> , 2018, 9, 66.	1.3	34
5725	Structure tensor informed fibre tractography at 3T. <i>Human Brain Mapping</i> , 2018, 39, 4440-4451.	1.9	4

#	ARTICLE	IF	CITATIONS
5726	Human amygdala functional network development: A cross-sectional study from 3 months to 5 years of age. <i>Developmental Cognitive Neuroscience</i> , 2018, 34, 63-74.	1.9	35
5727	A Retrospective Belgian Multi-Center MRI Biomarker Study in Alzheimer's Disease (REMEMBER). <i>Journal of Alzheimer's Disease</i> , 2018, 63, 1509-1522.	1.2	17
5728	Parietal Representations of Stimulus Features Are Amplified during Memory Retrieval and Flexibly Aligned with Top-Down Goals. <i>Journal of Neuroscience</i> , 2018, 38, 7809-7821.	1.7	63
5729	Comparison of heritability estimates on resting state fMRI connectivity phenotypes using the ENIGMA analysis pipeline. <i>Human Brain Mapping</i> , 2018, 39, 4893-4902.	1.9	45
5730	Prediction of the Effect of Sleep Deprivation on Response Inhibition via Machine Learning on Structural Magnetic Resonance Imaging Data. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 276.	1.0	12
5731	Brain Hyperconnectivity >10 Years After Cisplatin-Based Chemotherapy for Testicular Cancer. <i>Brain Connectivity</i> , 2018, 8, 398-406.	0.8	11
5732	Brain network topology influences response to intensive comprehensive aphasia treatment. <i>NeuroRehabilitation</i> , 2018, 43, 63-76.	0.5	24
5733	Whole-brain atrophy assessed by proportional-versus registration-based pipelines from 3T <scp>MRI</scp> in multiple sclerosis. <i>Brain and Behavior</i> , 2018, 8, e01068.	1.0	7
5734	Scan-rescan repeatability and cross-scanner comparability of DTI metrics in healthy subjects in the SPRINT-MS multicenter trial. <i>Magnetic Resonance Imaging</i> , 2018, 53, 105-111.	1.0	28
5735	Self-rated intensity of habitual physical activities is positively associated with dopamine D2/3 receptor availability and cognition. <i>NeuroImage</i> , 2018, 181, 605-616.	2.1	29
5736	Volumetric assessment of spontaneous mechanical activities by simultaneous multi-slice MRI techniques with correlation to muscle fiber orientation. <i>NMR in Biomedicine</i> , 2018, 31, e3959.	1.6	3
5737	An exploratory examination of reappraisal success in depressed adolescents: Preliminary evidence of functional differences in cognitive control brain regions. <i>Journal of Affective Disorders</i> , 2018, 240, 155-164.	2.0	27
5738	Neurodevelopmental changes in the relationship between stress perception and prefrontal-amygdala functional circuitry. <i>NeuroImage: Clinical</i> , 2018, 20, 267-274.	1.4	9
5739	Re-examining age-related differences in white matter microstructure with free-water corrected diffusion tensor imaging. <i>Neurobiology of Aging</i> , 2018, 71, 161-170.	1.5	76
5740	Resting State BOLD Variability in Alzheimer's Disease: A Marker of Cognitive Decline or Cerebrovascular Status?. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 39.	1.7	40
5741	Evidence for Plastic Processes in Migraine with Aura: A Diffusion Weighted MRI Study. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 138.	0.9	39
5742	Neural Correlates of Anosognosia in Alzheimer's Disease and Mild Cognitive Impairment: A Multi-Method Assessment. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 100.	1.0	33
5743	A Fully Automated Pipeline for Normative Atrophy in Patients with Neurodegenerative Disease. <i>Frontiers in Neurology</i> , 2017, 8, 727.	1.1	13

#	ARTICLE	IF	CITATIONS
5744	Multifunctional Roles of the Ventral Stream in Language Models: Advanced Segmental Quantification in Post-Stroke Aphasic Patients. <i>Frontiers in Neurology</i> , 2018, 9, 89.	1.1	37
5745	Shining a Light on Awareness: A Review of Functional Near-Infrared Spectroscopy for Prolonged Disorders of Consciousness. <i>Frontiers in Neurology</i> , 2018, 9, 350.	1.1	43
5746	Altered Whole-Brain and Network-Based Functional Connectivity in Parkinson's Disease. <i>Frontiers in Neurology</i> , 2018, 9, 419.	1.1	51
5747	Diffusion Tensor Imaging (DTI) Correlates of Self-Reported Sleep Quality and Depression Following Mild Traumatic Brain Injury. <i>Frontiers in Neurology</i> , 2018, 9, 468.	1.1	32
5748	Juvenile Myoclonic Epilepsy Shows Potential Structural White Matter Abnormalities: A TBSS Study. <i>Frontiers in Neurology</i> , 2018, 9, 509.	1.1	11
5749	Motor Imagery as a Function of Disease Severity in Multiple Sclerosis: An fMRI Study. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 628.	1.0	14
5750	Functional Connectivity Alterations between Networks and Associations with Infant Immune Health within Networks in HIV Infected Children on Early Treatment: A Study at 7 Years. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 635.	1.0	10
5751	Functional MRI of Handwriting Tasks: A Study of Healthy Young Adults Interacting with a Novel Touch-Sensitive Tablet. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 30.	1.0	16
5752	Anterior Temporal Lobe Morphometry Predicts Categorization Ability. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 36.	1.0	12
5753	Single Session Low Frequency Left Dorsolateral Prefrontal Transcranial Magnetic Stimulation Changes Neurometabolite Relationships in Healthy Humans. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 77.	1.0	8
5754	Distinctive Correspondence Between Separable Visual Attention Functions and Intrinsic Brain Networks. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 89.	1.0	16
5755	Dorsal Anterior Cingulate Cortices Differentially Lateralize Prediction Errors and Outcome Valence in a Decision-Making Task. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 203.	1.0	16
5756	Effects of a 7-Day Meditation Retreat on the Brain Function of Meditators and Non-Meditators During an Attention Task. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 222.	1.0	25
5757	IClinfMRI Software for Integrating Functional MRI Techniques in Presurgical Mapping and Clinical Studies. <i>Frontiers in Neuroinformatics</i> , 2018, 12, 11.	1.3	11
5758	The Influence of Study-Level Inference Models and Study Set Size on Coordinate-Based fMRI Meta-Analyses. <i>Frontiers in Neuroscience</i> , 2017, 11, 745.	1.4	14
5759	Inter-subject Registration of Functional Images: Do We Need Anatomical Images?. <i>Frontiers in Neuroscience</i> , 2018, 12, 64.	1.4	34
5760	Galvanic Vestibular Stimulation (GVS) Augments Deficient Pedunculopontine Nucleus (PPN) Connectivity in Mild Parkinson's Disease: fMRI Effects of Different Stimuli. <i>Frontiers in Neuroscience</i> , 2018, 12, 101.	1.4	29
5761	A Bayesian Spatial Model to Predict Disease Status Using Imaging Data From Various Modalities. <i>Frontiers in Neuroscience</i> , 2018, 12, 184.	1.4	6

#	ARTICLE	IF	CITATIONS
5762	Study of Resting-State Functional Connectivity Networks Using EEG Electrodes Position As Seed. <i>Frontiers in Neuroscience</i> , 2018, 12, 235.	1.4	73
5763	Childhood Emotional Abuse Moderates Associations Among Corticomotor White Matter Structure and Stress Neuromodulators in Women With and Without Depression. <i>Frontiers in Neuroscience</i> , 2018, 12, 256.	1.4	9
5764	Age Related Changes in Topological Properties of Brain Functional Network and Structural Connectivity. <i>Frontiers in Neuroscience</i> , 2018, 12, 318.	1.4	17
5765	Differences in Brain Structure and Function Among Yoga Practitioners and Controls. <i>Frontiers in Integrative Neuroscience</i> , 2018, 12, 26.	1.0	44
5766	Optimized partial-coverage functional analysis pipeline (OPFAP): a semi-automated pipeline for skull stripping and co-registration of partial-coverage, ultra-high-field functional images. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2018, 31, 621-632.	1.1	4
5767	Neuroanatomical Correlates of Hierarchical Personality Traits in Chimpanzees: Associations with Limbic Structures. <i>Personality Neuroscience</i> , 2018, 1, e4.	1.3	5
5768	Adult dyslexic readers benefit less from visual input during audiovisual speech processing: fMRI evidence. <i>Neuropsychologia</i> , 2018, 117, 454-471.	0.7	7
5769	White matter microstructure in anorexia nervosa. <i>Human Brain Mapping</i> , 2018, 39, 4385-4392.	1.9	24
5770	Exploring the contribution of visual imagery to scene construction – Evidence from Posterior Cortical Atrophy. <i>Cortex</i> , 2018, 106, 261-274.	1.1	29
5771	Cerebral blood flow and predictors of white matter lesions in adults with Tetralogy of Fallot. , 2018, 2018, 1309-1312.		3
5772	Early-Life Iron Deficiency Reduces Brain Iron Content and Alters Brain Tissue Composition Despite Iron Repletion: A Neuroimaging Assessment. <i>Nutrients</i> , 2018, 10, 135.	1.7	21
5773	Effects of Delayed Cord Clamping on 4-Month Ferritin Levels, Brain Myelin Content, and Neurodevelopment: A Randomized Controlled Trial. <i>Journal of Pediatrics</i> , 2018, 203, 266-272.e2.	0.9	66
5774	Pupil mimicry promotes trust through the theory-of-mind network. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E7265-E7274.	3.3	66
5775	Deficient Response to Altered Auditory Feedback in Dyslexia. <i>Developmental Neuropsychology</i> , 2018, 43, 622-641.	1.0	5
5776	Stepwise occlusion of the carotid arteries of the rat: MRI assessment of the effect of donepezil and hypoperfusion-induced brain atrophy and white matter microstructural changes. <i>PLoS ONE</i> , 2018, 13, e0198265.	1.1	12
5777	Cerebellar atrophy and its contribution to cognition in frontotemporal dementias. <i>Annals of Neurology</i> , 2018, 84, 98-109.	2.8	48
5778	Asymmetric neural tracking of gain and loss magnitude during adolescence. <i>Social Cognitive and Affective Neuroscience</i> , 2018, 13, 785-796.	1.5	22
5779	Altered functional connectivity of the default mode network by glucose loading in young, healthy participants. <i>BMC Neuroscience</i> , 2018, 19, 33.	0.8	17

#	ARTICLE	IF	CITATIONS
5780	Longitudinal evaluation of ventricular volume changes associated with mild traumatic brain injury in military service members. <i>Brain Injury</i> , 2018, 32, 1244-1254.	0.6	5
5781	Cortical Microinfarcts on 3T Magnetic Resonance Imaging in Cerebral Amyloid Angiopathy. <i>Stroke</i> , 2018, 49, 1899-1905.	1.0	22
5782	Pretherapeutic Motor Thalamus Resting-State Functional Connectivity with Visual Areas Predicts Tremor Arrest After Thalamotomy for Essential Tremor: Tracing the Cerebello-thalamo-visuo-motor Network. <i>World Neurosurgery</i> , 2018, 117, e438-e449.	0.7	11
5783	Task-induced brain state manipulation improves prediction of individual traits. <i>Nature Communications</i> , 2018, 9, 2807.	5.8	346
5784	A longitudinal magnetic resonance imaging study of neurodegenerative and small vessel disease, and clinical cognitive trajectories in non demented patients with transient ischemic attack: the PREVENT study. <i>BMC Geriatrics</i> , 2018, 18, 163.	1.1	13
5785	Structural Neural Correlates of Physiological Mirror Activity During Isometric Contractions of Non-Dominant Hand Muscles. <i>Scientific Reports</i> , 2018, 8, 9178.	1.6	9
5786	Suppressed Sensory Response to Predictable Object Stimuli throughout the Ventral Visual Stream. <i>Journal of Neuroscience</i> , 2018, 38, 7452-7461.	1.7	82
5787	Neural architecture underlying person perception from in-group and out-group voices. <i>NeuroImage</i> , 2018, 181, 582-597.	2.1	20
5788	Impact of white matter hyperintensities on surrounding white matter tracts. <i>Neuroradiology</i> , 2018, 60, 933-944.	1.1	31
5789	Widespread white matter changes in post-H1N1 patients with narcolepsy type 1 and first-degree relatives. <i>Sleep</i> , 2018, 41, .	0.6	21
5790	Modulating Regional Motor Cortical Excitability with Noninvasive Brain Stimulation Results in Neurochemical Changes in Bilateral Motor Cortices. <i>Journal of Neuroscience</i> , 2018, 38, 7327-7336.	1.7	55
5791	Machine learning classification of first-episode schizophrenia spectrum disorders and controls using whole brain white matter fractional anisotropy. <i>BMC Psychiatry</i> , 2018, 18, 97.	1.1	33
5792	Trade-off of cerebello-cortical and cortico-cortical functional networks for planning in 6-year-old children. <i>NeuroImage</i> , 2018, 176, 510-517.	2.1	3
5793	Altered reward system reactivity for personalized circumscribed interests in autism. <i>Molecular Autism</i> , 2018, 9, 9.	2.6	83
5794	The rewarding nature of provocation-focused rumination in women with borderline personality disorder: a preliminary fMRI investigation. <i>Borderline Personality Disorder and Emotion Dysregulation</i> , 2018, 5, 1.	1.1	16
5795	Atrophy of the putamen at time of clinical motor onset in Huntington's disease: a 6-year follow-up study. <i>Journal of Clinical Movement Disorders</i> , 2018, 5, 2.	2.2	10
5796	The effects of intranasal oxytocin on reward circuitry responses in children with autism spectrum disorder. <i>Journal of Neurodevelopmental Disorders</i> , 2018, 10, 12.	1.5	42
5797	Different neural substrates for precision stepping and fast online step adjustments in youth. <i>Brain Structure and Function</i> , 2018, 223, 2039-2053.	1.2	15

#	ARTICLE	IF	CITATIONS
5798	Arousal increases neural gain via the locus coeruleusâ€œnoradrenaline system in younger adults but not in older adults. <i>Nature Human Behaviour</i> , 2018, 2, 356-366.	6.2	91
5799	Effects of disease modifying therapies on brain and grey matter atrophy in relapsing remitting multiple sclerosis. <i>Multiple Sclerosis and Demyelinating Disorders</i> , 2018, 3, .	1.1	21
5800	A comprehensive evaluation of increasing temporal resolution with multiband-accelerated protocols and effects on statistical outcome measures in fMRI. <i>NeuroImage</i> , 2018, 176, 404-416.	2.1	98
5801	Associations of functional connectivity and walking performance in multiple sclerosis. <i>Neuropsychologia</i> , 2018, 117, 8-12.	0.7	16
5802	The effect of the total small vessel disease burden on the structural brain network. <i>Scientific Reports</i> , 2018, 8, 7442.	1.6	18
5803	Individual differences in functional brain connectivity predict temporal discounting preference in the transition to adolescence. <i>Developmental Cognitive Neuroscience</i> , 2018, 34, 101-113.	1.9	25
5804	Feedback-Based Learning in Aging: Contributions and Trajectories of Change in Striatal and Hippocampal Systems. <i>Journal of Neuroscience</i> , 2018, 38, 8453-8462.	1.7	21
5805	Cognition and brain function in elderly Tai Chi practitioners: A case-control study. <i>Explore: the Journal of Science and Healing</i> , 2018, 14, 352-356.	0.4	6
5806	Atypical Functional Connectivity of Amygdala Related to Reduced Symptom Severity in Children With Autism. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2018, 57, 764-774.e3.	0.3	23
5807	Applications of CBT-Cys click reaction: past, present, and future. <i>Science China Chemistry</i> , 2018, 61, 1088-1098.	4.2	24
5808	Structural neuroimaging as clinical predictor: A review of machine learning applications. <i>NeuroImage: Clinical</i> , 2018, 20, 506-522.	1.4	131
5809	â€œLuteal Analgesiaâ€œ: Progesterone Dissociates Pain Intensity and Unpleasantness by Influencing Emotion Regulation Networks. <i>Frontiers in Endocrinology</i> , 2018, 9, 413.	1.5	21
5810	Control Engagement During Sentence and Inhibition fMRI Tasks in Children With Reading Difficulties. <i>Cerebral Cortex</i> , 2018, 28, 3697-3710.	1.6	21
5811	Correlation of neurochemical and imaging markers in migraine. <i>Neurology</i> , 2018, 91, e1166-e1174.	1.5	9
5812	Taskâ€œevoked functional connectivity does not explain functional connectivity differences between rest and task conditions. <i>Human Brain Mapping</i> , 2018, 39, 4939-4948.	1.9	40
5813	A probabilistic atlas of the human thalamic nuclei combining ex vivo MRI and histology. <i>NeuroImage</i> , 2018, 183, 314-326.	2.1	334
5814	Local temporal variability reflects functional integration in the human brain. <i>NeuroImage</i> , 2018, 183, 776-787.	2.1	53
5815	Functional brain network centrality is related to APOE genotype in cognitively normal elderly. <i>Brain and Behavior</i> , 2018, 8, e01080.	1.0	18

#	ARTICLE	IF	CITATIONS
5816	Technical Note: Retrospective reduction in systematic differences across scanner changes by accounting for noise floor effects in diffusion tensor imaging. <i>Medical Physics</i> , 2018, 45, 4171-4178.	1.6	5
5817	Vitamin D levels, brain volume, and genetic architecture in patients with psychosis. <i>PLoS ONE</i> , 2018, 13, e0200250.	1.1	11
5818	Exercise-heat stress with and without water replacement alters brain structures and impairs visuomotor performance. <i>Physiological Reports</i> , 2018, 6, e13805.	0.7	29
5819	Structural and functional changes of the visual cortex in early Huntington's disease. <i>Human Brain Mapping</i> , 2018, 39, 4776-4786.	1.9	27
5820	Widespread white matter DTI alterations in mesial temporal sclerosis independent of disease side. <i>Epilepsy and Behavior</i> , 2018, 87, 7-13.	0.9	7
5821	Sex differences in default mode and dorsal attention network engagement. <i>PLoS ONE</i> , 2018, 13, e0199049.	1.1	34
5822	Neural Correlates of Outcome Anticipation in Multiple Sclerosis. <i>Frontiers in Neurology</i> , 2018, 9, 572.	1.1	3
5823	Cross-decoding supramodal information in the human brain. <i>Brain Structure and Function</i> , 2018, 223, 4087-4098.	1.2	8
5824	Default mode network can support the level of detail in experience during active task states. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 9318-9323.	3.3	212
5825	Development and validation of a penumbra-based predictive model for thrombolysis outcome in acute ischemic stroke patients. <i>EBioMedicine</i> , 2018, 35, 251-259.	2.7	17
5826	Interhemispheric connectivity of primary sensory cortex is associated with motor impairment after stroke. <i>Scientific Reports</i> , 2018, 8, 12601.	1.6	27
5827	Stereoscopic visual area connectivity: a diffusion tensor imaging study. <i>Surgical and Radiologic Anatomy</i> , 2018, 40, 1197-1208.	0.6	3
5828	Pathophysiology of levodopa-induced dyskinesia: Insights from multimodal imaging and immunohistochemistry in non-human primates. <i>NeuroImage</i> , 2018, 183, 132-141.	2.1	17
5829	Neural correlates of video game empathy training in adolescents: a randomized trial. <i>Npj Science of Learning</i> , 2018, 3, 13.	1.5	29
5830	Influence of vmPFC on dmPFC Predicts Valence-Guided Belief Formation. <i>Journal of Neuroscience</i> , 2018, 38, 7996-8010.	1.7	37
5831	Evaluation of ¹⁸ F-RO-948 PET for Quantitative Assessment of Tau Accumulation in the Human Brain. <i>Journal of Nuclear Medicine</i> , 2018, 59, 1877-1884.	2.8	64
5832	Three Distinct Sets of Connector Hubs Integrate Human Brain Function. <i>Cell Reports</i> , 2018, 24, 1687-1695.e4.	2.9	113
5833	Miniature pig magnetic resonance spectroscopy model of normal adolescent brain development. <i>Journal of Neuroscience Methods</i> , 2018, 308, 173-182.	1.3	10

#	ARTICLE	IF	CITATIONS
5834	Compromised prefrontal structure and function are associated with slower walking in older adults. <i>NeuroImage: Clinical</i> , 2018, 20, 620-626.	1.4	21
5835	Pairing neutral cues with alcohol intoxication: new findings in executive and attention networks. <i>Psychopharmacology</i> , 2018, 235, 2725-2737.	1.5	10
5836	Single-subject classification of presymptomatic frontotemporal dementia mutation carriers using multimodal MRI. <i>NeuroImage: Clinical</i> , 2018, 20, 188-196.	1.4	15
5837	BRANT: A Versatile and Extendable Resting-State fMRI Toolkit. <i>Frontiers in Neuroinformatics</i> , 2018, 12, 52.	1.3	60
5838	Neuroanatomical Correlates of the Unity and Diversity Model of Executive Function in Young Adults. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 283.	1.0	24
5839	Serotonin transporter occupancy by the SSRI citalopram predicts default-mode network connectivity. <i>European Neuropsychopharmacology</i> , 2018, 28, 1173-1179.	0.3	15
5840	White-matter integrity in patients with systemic lupus erythematosus and memory deficits. <i>Neuroradiology Journal</i> , 2018, 31, 587-595.	0.6	12
5841	Association of Cardiovascular Risk Factors With MRI Indices of Cerebrovascular Structure and Function and White Matter Hyperintensities in Young Adults. <i>JAMA - Journal of the American Medical Association</i> , 2018, 320, 665.	3.8	105
5842	White matter microstructural abnormalities in blast-exposed combat veterans: accounting for potential pre-injury factors using consanguineous controls. <i>Neuroradiology</i> , 2018, 60, 1019-1033.	1.1	7
5843	Abnormalities of fronto-subcortical pathways in schizophrenia and the differential impacts of antipsychotic treatment: a DTI-based tractography study. <i>Psychiatry Research - Neuroimaging</i> , 2018, 280, 22-29.	0.9	19
5844	General Transformations of Object Representations in Human Visual Cortex. <i>Journal of Neuroscience</i> , 2018, 38, 8526-8537.	1.7	15
5845	Gadolinium effect on thalamus and whole brain tissue segmentation. <i>Neuroradiology</i> , 2018, 60, 1167-1173.	1.1	5
5846	Development of white matter fibre density and morphology over childhood: A longitudinal fixel-based analysis. <i>NeuroImage</i> , 2018, 183, 666-676.	2.1	66
5847	The effect of pulsatile motion and cardiac-gating on reconstruction and diffusion tensor properties of the corticospinal tract. <i>Scientific Reports</i> , 2018, 8, 11204.	1.6	7
5848	Individual identification using multi-metric of DTI in Alzheimer's disease and mild cognitive impairment. <i>Chinese Physics B</i> , 2018, 27, 088702.	0.7	11
5849	Error-related Persistence of Motor Activity in Resting-state Networks. <i>Journal of Cognitive Neuroscience</i> , 2018, 30, 1883-1901.	1.1	10
5850	The hippocampal longitudinal axis's relevance for underlying tau and TDP-43 pathology. <i>Neurobiology of Aging</i> , 2018, 70, 1-9.	1.5	21
5851	A comprehensive diffusion MRI dataset acquired on the MGH Connectome scanner in a biomimetic brain phantom. <i>Data in Brief</i> , 2018, 18, 334-339.	0.5	3

#	ARTICLE	IF	CITATIONS
5852	[18F]-Flutemetamol Uptake in Cortex and White Matter: Comparison with Cerebrospinal Fluid Biomarkers and [18F]-Fludeoxyglucose. <i>Journal of Alzheimer's Disease</i> , 2018, 62, 1595-1607.	1.2	16
5853	Subcortical structural connectivity of insular subregions. <i>Scientific Reports</i> , 2018, 8, 8596.	1.6	124
5854	Diagnostic Value of Diffusion Tensor Imaging and Positron Emission Tomography in Early Stages of Frontotemporal Dementia. <i>Journal of Alzheimer's Disease</i> , 2018, 63, 239-253.	1.2	10
5855	Childhood abuse and white matter integrity in bipolar disorder patients and healthy controls. <i>European Neuropsychopharmacology</i> , 2018, 28, 807-817.	0.3	20
5856	Diminished neural network dynamics in amnesic mild cognitive impairment. <i>International Journal of Psychophysiology</i> , 2018, 130, 63-72.	0.5	11
5857	Convergence Analysis of Micro-Lesions (CAML): An approach to mapping of diffuse lesions from carotid revascularization. <i>NeuroImage: Clinical</i> , 2018, 18, 553-559.	1.4	0
5858	Multi-component relaxation in clinically isolated syndrome: Lesion myelination may predict multiple sclerosis conversion. <i>NeuroImage: Clinical</i> , 2018, 20, 61-70.	1.4	11
5859	When less is more: mindfulness predicts adaptive affective responding to rejection via reduced prefrontal recruitment. <i>Social Cognitive and Affective Neuroscience</i> , 2018, 13, 648-655.	1.5	15
5860	Increased posterior cingulate cortex efficiency may predict cognitive impairment in asymptomatic HIV patients. <i>Neuroradiology Journal</i> , 2018, 31, 372-378.	0.6	9
5861	Altered Cortical Gamma-Amino Butyric Acid in Female Veterans With Suicidal Behavior: Sex Differences and Clinical Correlates. <i>Chronic Stress</i> , 2018, 2, 247054701876877.	1.7	6
5862	Supra-Additive Effects of Combining Fat and Carbohydrate on Food Reward. <i>Cell Metabolism</i> , 2018, 28, 33-44.e3.	7.2	180
5863	Orchestral fully convolutional networks for small lesion segmentation in brain MRI. , 2018, 2018, 889-892.		11
5864	Diminished neural network dynamics after moderate and severe traumatic brain injury. <i>PLoS ONE</i> , 2018, 13, e0197419.	1.1	24
5865	Altered somatosensory neurovascular response in patients with Becker muscular dystrophy. <i>Brain and Behavior</i> , 2018, 8, e00985.	1.0	1
5866	Effects of vasopressin on neural processing of infant crying in expectant fathers. <i>Hormones and Behavior</i> , 2018, 103, 19-27.	1.0	26
5867	Implicit emotion regulation in adolescent girls: An exploratory investigation of Hidden Markov Modeling and its neural correlates. <i>PLoS ONE</i> , 2018, 13, e0192318.	1.1	1
5868	Cortical processing of breathing perceptions in the athletic brain. <i>NeuroImage</i> , 2018, 179, 92-101.	2.1	17
5869	Grading glioma by radiomics with feature selection based on mutual information. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2018, 9, 1671-1682.	3.3	30

#	ARTICLE	IF	CITATIONS
5870	Is brain response to food rewards related to overeating? A test of the reward surfeit model of overeating in children. <i>Appetite</i> , 2018, 128, 167-179.	1.8	41
5871	Thalamic and hippocampal volume associated with memory functions in multiple sclerosis. <i>Brain and Cognition</i> , 2018, 125, 61-68.	0.8	4
5872	Widespread abnormalities in white matter integrity and their relationship with duration of illness in temporal lobe epilepsy. <i>Epilepsia Open</i> , 2018, 3, 247-254.	1.3	11
5873	Impact of transcranial direct current stimulation on structural plasticity of the somatosensory system. <i>Journal of Neuroscience Research</i> , 2018, 96, 1367-1379.	1.3	13
5874	Reaffirming the link between chronic phantom limb pain and maintained missing hand representation. <i>Cortex</i> , 2018, 106, 174-184.	1.1	66
5875	Individual Brain Charting, a high-resolution fMRI dataset for cognitive mapping. <i>Scientific Data</i> , 2018, 5, 180105.	2.4	100
5876	Multiple matrix Gaussian graphs estimation. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2018, 80, 927-950.	1.1	15
5877	White matter alterations in Parkinson's disease with normal cognition precede grey matter atrophy. <i>PLoS ONE</i> , 2018, 13, e0187939.	1.1	57
5878	2-Channel convolutional 3D deep neural network (2CC3D) for fMRI analysis: ASD classification and feature learning. , 2018, 2018, 1252-1255.		44
5879	Abnormalities in gray matter volume in patients with borderline personality disorder and their relation to lifetime depression: A VBM study. <i>PLoS ONE</i> , 2018, 13, e0191946.	1.1	20
5880	Epigenetic regulation of the oxytocin receptor is associated with neural response during selective social attention. <i>Translational Psychiatry</i> , 2018, 8, 116.	2.4	46
5881	Chronotype differences in cortical thickness: grey matter reflects when you go to bed. <i>Brain Structure and Function</i> , 2018, 223, 3411-3421.	1.2	18
5882	Fractal dimension brain morphometry: a novel approach to quantify white matter in traumatic brain injury. <i>Brain Imaging and Behavior</i> , 2019, 13, 914-924.	1.1	14
5883	White matter correlates of different aspects of facial affect recognition impairment following traumatic brain injury. <i>Social Neuroscience</i> , 2019, 14, 434-448.	0.7	5
5884	Contrasting Semantic versus Inhibitory Processing in the Angular Gyrus: An fMRI Study. <i>Cerebral Cortex</i> , 2019, 29, 2470-2481.	1.6	19
5885	Spatial Topography of Individual-Specific Cortical Networks Predicts Human Cognition, Personality, and Emotion. <i>Cerebral Cortex</i> , 2019, 29, 2533-2551.	1.6	430
5886	Early seizures and temporal lobe trauma predict post-traumatic epilepsy: A longitudinal study. <i>Neurobiology of Disease</i> , 2019, 123, 115-121.	2.1	91
5887	Loss of white matter connections after severe traumatic brain injury (TBI) and its relationship to social cognition. <i>Brain Imaging and Behavior</i> , 2019, 13, 819-829.	1.1	26

#	ARTICLE	IF	CITATIONS
5888	Cortical Neuromodulation of Remote Regions after Experimental Traumatic Brain Injury Normalizes Forelimb Function but is Temporally Dependent. <i>Journal of Neurotrauma</i> , 2019, 36, 789-801.	1.7	9
5889	Decreases in White Matter Integrity of Ventro-Limbic Pathway Linked to Post-Traumatic Stress Disorder in Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2019, 36, 1093-1098.	1.7	29
5890	Verification of Diffusion MRI Fiber Tracking Results In Vivo. <i>Applied Magnetic Resonance</i> , 2019, 50, 121-136.	0.6	1
5891	Preferential spinal cord volume loss in primary progressive multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2019, 25, 947-957.	1.4	44
5892	Brain Correlates of Continuous Pain in Rheumatoid Arthritis as Measured by Pulsed Arterial Spin Labeling. <i>Arthritis Care and Research</i> , 2019, 71, 308-318.	1.5	8
5893	Automated processing pipeline for neonatal diffusion MRI in the developing Human Connectome Project. <i>NeuroImage</i> , 2019, 185, 750-763.	2.1	127
5894	White Matter Microstructure in Bipolar Disorder Is Influenced by the Interaction between a Glutamate Transporter EAAT1 Gene Variant and Early Stress. <i>Molecular Neurobiology</i> , 2019, 56, 702-710.	1.9	37
5895	Probabilistic Category Learning and Striatal Functional Activation in Psychosis Risk. <i>Schizophrenia Bulletin</i> , 2019, 45, 396-404.	2.3	16
5896	Data-Driven Clustering Reveals a Link Between Symptoms and Functional Brain Connectivity in Depression. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 16-26.	1.1	35
5897	Aberrant Middle Prefrontal-Motor Cortex Connectivity Mediates Motor Inhibitory Biomarker in Schizophrenia. <i>Biological Psychiatry</i> , 2019, 85, 49-59.	0.7	23
5898	Disconnected and Hyperactive: A Replication of Sensorimotor Cortex Abnormalities in Patients With Schizophrenia During Proactive Response Inhibition. <i>Schizophrenia Bulletin</i> , 2019, 45, 552-561.	2.3	6
5899	User-Guided Segmentation of Multi-modality Medical Imaging Datasets with ITK-SNAP. <i>Neuroinformatics</i> , 2019, 17, 83-102.	1.5	97
5900	Robust Identification of Rich-Club Organization in Weighted and Dense Structural Connectomes. <i>Brain Topography</i> , 2019, 32, 1-16.	0.8	6
5901	Use of an Individual-Level Approach to Identify Cortical Connectivity Biomarkers in Obsessive-Compulsive Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 27-38.	1.1	32
5902	The effects of perceived chronic stress on the fMRI correlates of attentional control in women managers. <i>Archives of Women's Mental Health</i> , 2019, 22, 375-381.	1.2	1
5903	Atypical Local and Distal Patterns of Occipito-frontal Functional Connectivity are Related to Symptom Severity in Autism. <i>Cerebral Cortex</i> , 2019, 29, 3319-3330.	1.6	23
5904	Subclinical motor impairment assessed with an engineered glove correlates with magnetic resonance imaging tissue damage in radiologically isolated syndrome. <i>European Journal of Neurology</i> , 2019, 26, 162-167.	1.7	21
5905	Early postsurgical diffusivity metrics for prognostication of long-term pain relief after Gamma Knife radiosurgery for trigeminal neuralgia. <i>Journal of Neurosurgery</i> , 2019, 131, 539-548.	0.9	24

#	ARTICLE	IF	CITATIONS
5906	The 100 top-cited articles focused on magnetic resonance: a bibliometric analysis. <i>Acta Radiologica</i> , 2019, 60, 710-715.	0.5	9
5907	Change of Ascending Reticular Activating System Following Shunt Operation for Hydrocephalus in a Subarachnoid Hemorrhage Patient. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2019, 80, 062-066.	0.4	2
5908	Effect of reading intervention and task difficulty on orthographic and phonological reading systems in the brain. <i>Neuropsychologia</i> , 2019, 130, 13-25.	0.7	10
5909	Quantitative Intensity Harmonization of Dopamine Transporter SPECT Images Using Gamma Mixture Models. <i>Molecular Imaging and Biology</i> , 2019, 21, 339-347.	1.3	5
5910	Functional neural correlates of facial affect recognition impairment following TBI. <i>Brain Imaging and Behavior</i> , 2019, 13, 526-540.	1.1	9
5911	DTI-derived indexes of brain WM correlate with cognitive performance in vascular MCI and small-vessel disease. A TBSS study. <i>Brain Imaging and Behavior</i> , 2019, 13, 594-602.	1.1	16
5912	Insula Connections With the Parieto-Frontal Circuit for Generating Arm Actions in Humans and Macaque Monkeys. <i>Cerebral Cortex</i> , 2019, 29, 2140-2147.	1.6	14
5913	Individual Differences in the Neural Dynamics of Response Inhibition. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 1976-1996.	1.1	8
5914	The Benefit of Slice Timing Correction in Common fMRI Preprocessing Pipelines. <i>Frontiers in Neuroscience</i> , 2019, 13, 821.	1.4	24
5915	Image processing and analysis methods for the Adolescent Brain Cognitive Development Study. <i>NeuroImage</i> , 2019, 202, 116091.	2.1	539
5916	Prospective Assessment of No Evidence of Disease Activity-4 Status in Early Disease Stages of Multiple Sclerosis in Routine Clinical Practice. <i>Frontiers in Neurology</i> , 2019, 10, 788.	1.1	16
5917	Differentiation of Early Alzheimer's Disease, Mild Cognitive Impairment, and Cognitively Healthy Elderly Samples Using Multimodal Neuroimaging Indices. <i>Brain Connectivity</i> , 2019, 9, 730-741.	0.8	12
5918	Brainstem and spinal cord MRI identifies altered sensorimotor pathways post-stroke. <i>Nature Communications</i> , 2019, 10, 3524.	5.8	61
5919	White matter integrity is associated with gait impairment and falls in mild cognitive impairment. Results from the gait and brain study. <i>NeuroImage: Clinical</i> , 2019, 24, 101975.	1.4	26
5920	Does writing handedness affect neural representation of symbolic number? An fMRI adaptation study. <i>Cortex</i> , 2019, 121, 27-43.	1.1	8
5921	Value-driven attentional capture enhances distractor representations in early visual cortex. <i>PLoS Biology</i> , 2019, 17, e3000186.	2.6	27
5922	Characterization of Cerebellar Atrophy and Resting State Functional Connectivity Patterns in Sporadic Adult-Onset Ataxia of Unknown Etiology (SAOA). <i>Cerebellum</i> , 2019, 18, 873-881.	1.4	7
5923	Dose-dependent association of accelerometer-measured physical activity and sedentary time with brain perfusion in aging. <i>Experimental Gerontology</i> , 2019, 125, 110679.	1.2	28

#	ARTICLE	IF	CITATIONS
5924	Automated gradient-based electrical properties tomography in the human brain using 7T MRI. <i>Magnetic Resonance Imaging</i> , 2019, 63, 258-266.	1.0	7
5925	A multi-view pyramid network for skull stripping on neonatal T1-weighted MRI. <i>Magnetic Resonance Imaging</i> , 2019, 63, 70-79.	1.0	11
5926	Microstructural White Matter Characteristics in Parkinson's Disease With Depression: A Diffusion Tensor Imaging Replication Study. <i>Frontiers in Neurology</i> , 2019, 10, 884.	1.1	11
5927	Neurite orientation dispersion and density imaging (NODDI) and free water imaging in Parkinsonism. <i>Human Brain Mapping</i> , 2019, 40, 5094-5107.	1.9	71
5928	Separate lanes for adding and reading in the white matter highways of the human brain. <i>Nature Communications</i> , 2019, 10, 3675.	5.8	25
5929	Repeated Sport-Related Concussion Shows Only Minimal White Matter Differences Many Years After Playing High School Football. <i>Journal of the International Neuropsychological Society</i> , 2019, 25, 950-960.	1.2	14
5930	Linking Molecular Pathways and Large-Scale Computational Modeling to Assess Candidate Disease Mechanisms and Pharmacodynamics in Alzheimer's Disease. <i>Frontiers in Computational Neuroscience</i> , 2019, 13, 54.	1.2	83
5931	Maternal pomegranate juice intake and brain structure and function in infants with intrauterine growth restriction: A randomized controlled pilot study. <i>PLoS ONE</i> , 2019, 14, e0219596.	1.1	18
5932	Determinants of Inter-Individual Variability in Corticomotor Excitability Induced by Paired Associative Stimulation. <i>Frontiers in Neuroscience</i> , 2019, 13, 841.	1.4	18
5933	MIND food and speed of processing training in older adults with low education, the MINDSpeed Alzheimer's disease prevention pilot trial. <i>Contemporary Clinical Trials</i> , 2019, 84, 105814.	0.8	4
5934	Learning-based single-step quantitative susceptibility mapping reconstruction without brain extraction. <i>NeuroImage</i> , 2019, 202, 116064.	2.1	44
5935	Alterations in Brain Structure and Amplitude of Low-frequency after 8 weeks of Mindfulness Meditation Training in Meditation-Naïve Subjects. <i>Scientific Reports</i> , 2019, 9, 10977.	1.6	40
5936	Decreased stimulus-driven connectivity of the primary visual cortex during visual motion stimulation in amnesic mild cognitive impairment: An fMRI study. <i>Neuroscience Letters</i> , 2019, 711, 134402.	1.0	1
5937	Cardiovascular risk and encoding-related hippocampal connectivity in older adults. <i>BMC Neuroscience</i> , 2019, 20, 37.	0.8	5
5938	The neural representation of facial-emotion categories reflects conceptual structure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 15861-15870.	3.3	39
5939	Multi-parametric analysis reveals metabolic and vascular effects driving differences in BOLD-based cerebrovascular reactivity associated with a history of sport concussion. <i>Brain Injury</i> , 2019, 33, 1479-1489.	0.6	14
5940	Cerebral Multishell Diffusion Imaging Parameters are Associated with Blood Biomarkers of Disease Severity in HIV Infection. <i>Journal of Neuroimaging</i> , 2019, 29, 771-778.	1.0	7
5941	Reduced fractional anisotropy in depressed patients due to childhood maltreatment rather than diagnosis. <i>Neuropsychopharmacology</i> , 2019, 44, 2065-2072.	2.8	30

#	ARTICLE	IF	CITATIONS
5942	Diffusion tensor imaging in middle-aged headache sufferers in the general population: a cross-sectional population-based imaging study in the Nord-Trøndelag health study (HUNT-MRI). <i>Journal of Headache and Pain</i> , 2019, 20, 78.	2.5	12
5943	The language network in autism: Atypical functional connectivity with default mode and visual regions. <i>Autism Research</i> , 2019, 12, 1344-1355.	2.1	27
5944	Every hit matters: White matter diffusivity changes in high school football athletes are correlated with repetitive head acceleration event exposure. <i>NeuroImage: Clinical</i> , 2019, 24, 101930.	1.4	27
5945	Diffusion Tensor Imaging Measures of Brain Connectivity for the Early Diagnosis of Alzheimer's Disease. <i>Brain Connectivity</i> , 2019, 9, 594-603.	0.8	6
5946	Neural Mechanisms of Reward Prediction Error in Autism Spectrum Disorder. <i>Autism Research & Treatment</i> , 2019, 2019, 1-10.	0.1	9
5947	Is 1H-MR spectroscopy useful as a diagnostic aid in MSA-C?. <i>Cerebellum and Ataxias</i> , 2019, 6, 7.	1.9	3
5948	Latent resting-state network dynamics in boys and girls with attention-deficit/hyperactivity disorder. <i>PLoS ONE</i> , 2019, 14, e0218891.	1.1	15
5949	Neurologic Deficits in Patients With Newly Diagnosed Celiac Disease Are Frequent and Linked With Autoimmunity to Transglutaminase 6. <i>Clinical Gastroenterology and Hepatology</i> , 2019, 17, 2678-2686.e2.	2.4	41
5950	fMRI data of mixed gambles from the Neuroimaging Analysis Replication and Prediction Study. <i>Scientific Data</i> , 2019, 6, 106.	2.4	30
5951	Diffusion MRI: Assessment of the Impact of Acquisition and Preprocessing Methods Using the BrainVISA-Diffuse Toolbox. <i>Frontiers in Neuroscience</i> , 2019, 13, 536.	1.4	18
5952	Effect of aerobic exercise on white matter microstructure in the aging brain. <i>Behavioural Brain Research</i> , 2019, 373, 112042.	1.2	31
5953	The community structure of functional brain networks exhibits scale-specific patterns of inter- and intra-subject variability. <i>NeuroImage</i> , 2019, 202, 115990.	2.1	85
5954	Brain Peak Width of Skeletonized Mean Diffusivity (PSMD) and Cognitive Function in Later Life. <i>Frontiers in Psychiatry</i> , 2019, 10, 524.	1.3	33
5955	The joint effect of aging and HIV infection on microstructure of white matter bundles. <i>Human Brain Mapping</i> , 2019, 40, 4370-4380.	1.9	20
5956	Striatum-related functional activation during reward- versus punishment-based learning in psychosis risk. <i>Neuropsychopharmacology</i> , 2019, 44, 1967-1974.	2.8	3
5957	A Novel Approach to Evaluate Brain Activation for Lower Extremity Motor Control. <i>Journal of Neuroimaging</i> , 2019, 29, 580-588.	1.0	20
5958	Brain volume dynamics in multiple sclerosis. A case-control study. <i>Neurological Research</i> , 2019, 41, 936-942.	0.6	5
5959	Fast and accurate pseudo multispectral technique for whole-brain MRI tissue classification. <i>Physics in Medicine and Biology</i> , 2019, 64, 145005.	1.6	2

#	ARTICLE	IF	CITATIONS
5960	Geometrical Variation's Influence on the Effects of Stimulation May be Important in the Conventional and Multi-Array tDCS—Comparison of Electrical Fields Computed. <i>IEEE Access</i> , 2019, 7, 8557-8569.	2.6	5
5961	Comparing model-based cerebrovascular physiomeasures with DTI biomarkers in MCI patients. <i>Brain and Behavior</i> , 2019, 9, e01356.	1.0	2
5962	Application of machine learning to structural connectome to predict symptom reduction in depressed adolescents with cognitive behavioral therapy (CBT). <i>NeuroImage: Clinical</i> , 2019, 23, 101914.	1.4	16
5963	A Deep Learning Pipeline for Automatic Skull Stripping and Brain Segmentation. , 2019, , .		15
5964	Partial volume correction for quantitative CEST imaging of acute ischemic stroke. <i>Magnetic Resonance in Medicine</i> , 2019, 82, 1920-1928.	1.9	5
5965	Functional Connectivities Are More Informative Than Anatomical Variables in Diagnostic Classification of Autism. <i>Brain Connectivity</i> , 2019, 9, 604-612.	0.8	17
5966	The role of hippocampal subfield volume and fornix microstructure in episodic memory across the lifespan. <i>Hippocampus</i> , 2019, 29, 1206-1223.	0.9	30
5967	Tuning of brain's autonomic coupling by prior threat exposure: Implications for internalizing problems in Mexican-origin adolescents. <i>Development and Psychopathology</i> , 2019, 31, 1127-1141.	1.4	10
5968	White Matter Hyperintensity Regression: Comparison of Brain Atrophy and Cognitive Profiles with Progression and Stable Groups. <i>Brain Sciences</i> , 2019, 9, 170.	1.1	20
5969	The contribution of acute infarcts to cerebral small vessel disease progression. <i>Annals of Neurology</i> , 2019, 86, 582-592.	2.8	27
5970	Myelin Water Atlas: A Template for Myelin Distribution in the Brain. <i>Journal of Neuroimaging</i> , 2019, 29, 699-706.	1.0	29
5971	Relating diffusion tensor imaging measurements to microstructural quantities in the cerebral cortex in multiple sclerosis. <i>Human Brain Mapping</i> , 2019, 40, 4417-4431.	1.9	21
5972	Improved signal-to-noise ratio in EPI sequences with highly asymmetric spin echo and highly asymmetric STEAM preparations (HASE-EPI and HASTEAM-EPI). <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2019, 32, 549-558.	1.1	6
5973	Unresolved Disorganized Attachment is Associated With Smaller Hippocampus and Increased Functional Connectivity Beyond Psychopathology. <i>Journal of Traumatic Stress</i> , 2019, 32, 742-752.	1.0	15
5974	Cognitive and brain reserve in multiple sclerosis—A cross-sectional study. <i>Multiple Sclerosis and Related Disorders</i> , 2019, 35, 128-134.	0.9	17
5975	Insular volume reductions in patients with major depressive disorder. <i>Neurology Psychiatry and Brain Research</i> , 2019, 33, 39-47.	2.0	5
5976	Disentangling molecular alterations from water-content changes in the aging human brain using quantitative MRI. <i>Nature Communications</i> , 2019, 10, 3403.	5.8	51
5977	Somatosensory-Motor Dysconnectivity Spans Multiple Transdiagnostic Dimensions of Psychopathology. <i>Biological Psychiatry</i> , 2019, 86, 779-791.	0.7	162

#	ARTICLE	IF	CITATIONS
5978	Natural killer cells protect white matter integrity in bipolar disorder. <i>Brain, Behavior, and Immunity</i> , 2019, 81, 410-421.	2.0	25
5979	Development of a transcallosal tractography template and its application to dementia. <i>NeuroImage</i> , 2019, 200, 302-312.	2.1	28
5980	Hippocampal volume across age: Nomograms derived from over 19,700 people in UK Biobank. <i>NeuroImage: Clinical</i> , 2019, 23, 101904.	1.4	130
5981	Impact of sampling rate on statistical significance for single subject fMRI connectivity analysis. <i>Human Brain Mapping</i> , 2019, 40, 3321-3337.	1.9	12
5982	Coexisting representations of sensory and mnemonic information in human visual cortex. <i>Nature Neuroscience</i> , 2019, 22, 1336-1344.	7.1	167
5983	Interindividual differences in gray and white matter properties are associated with early complex motor skill acquisition. <i>Human Brain Mapping</i> , 2019, 40, 4316-4330.	1.9	16
5984	Reduced diffusion in normal appearing white matter of glioma patients following radio(chemo)therapy. <i>Radiotherapy and Oncology</i> , 2019, 140, 110-115.	0.3	21
5985	Poster Viewing Sessions PB01-B01 to PB03-V09. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 167-523.	2.4	7
5986	Neuroepigenetic signatures of age and sex in the living human brain. <i>Nature Communications</i> , 2019, 10, 2945.	5.8	36
5987	Mindfulness-Based Stress Reduction-related changes in posterior cingulate resting brain connectivity. <i>Social Cognitive and Affective Neuroscience</i> , 2019, 14, 777-787.	1.5	61
5988	Distortion correction for high-resolution single-shot EPI DTI using a modified field-mapping method. <i>NMR in Biomedicine</i> , 2019, 32, e4124.	1.6	10
5989	Vigilance declines following sleep deprivation are associated with two previously identified dynamic connectivity states. <i>NeuroImage</i> , 2019, 200, 382-390.	2.1	24
5990	Multiple associative structures created by reinforcement and incidental statistical learning mechanisms. <i>Nature Communications</i> , 2019, 10, 4835.	5.8	29
5991	Collection of CAD human head models for electromagnetic simulations and their applications. <i>Biomedical Physics and Engineering Express</i> , 2019, 5, 067005.	0.6	8
5992	Patient-Tailored, Connectivity-Based Forecasts of Spreading Brain Atrophy. <i>Neuron</i> , 2019, 104, 856-868.e5.	3.8	85
5993	Inward versus reward: white matter pathways in extraversion. <i>Personality Neuroscience</i> , 2019, 2, e6.	1.3	2
5994	Hippocampal pathology in amyotrophic lateral sclerosis: selective vulnerability of subfields and their associated projections. <i>Neurobiology of Aging</i> , 2019, 84, 178-188.	1.5	59
5995	Extensive cerebellar and thalamic degeneration in spinocerebellar ataxia type 10. <i>Parkinsonism and Related Disorders</i> , 2019, 66, 182-188.	1.1	16

#	ARTICLE	IF	CITATIONS
5996	An investigation of the relationship between psychopathy and greater gray matter density in lateral prefrontal cortex. <i>Personality Neuroscience</i> , 2019, 2, e7.	1.3	7
5997	White matter microstructure correlates with mathematics but not word reading performance in 13-year-old children born very preterm and full-term. <i>NeuroImage: Clinical</i> , 2019, 24, 101944.	1.4	17
5998	Altered white matter structure in auditory tracts following early monocular enucleation. <i>NeuroImage: Clinical</i> , 2019, 24, 102006.	1.4	3
5999	Adolescent Brain Cognitive Development Neurocognitive Prediction. <i>Lecture Notes in Computer Science</i> , 2019, , .	1.0	8
6001	An improved neuroanatomical model of the default-mode network reconciles previous neuroimaging and neuropathological findings. <i>Communications Biology</i> , 2019, 2, 370.	2.0	224
6002	Novel strain analysis informs about injury susceptibility of the corpus callosum to repeated impacts. <i>Brain Communications</i> , 2019, 1, fcz021.	1.5	19
6003	Bayesian modeling of temporal expectations in the human brain. <i>NeuroImage</i> , 2019, 202, 116097.	2.1	33
6004	Neurite orientation dispersion and density imaging reveals white matter and hippocampal microstructure changes produced by Interleukin-6 in the TgCRND8 mouse model of amyloidosis. <i>NeuroImage</i> , 2019, 202, 116138.	2.1	34
6005	Accurate anatomical head segmentations: a data set for biomedical simulations. , 2019, 2019, 6118-6123.		6
6006	Diffusion tensor imaging in orthostatic tremor: a tract-based spatial statistics study. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 2212-2222.	1.7	9
6007	Enhancement of indirect functional connections with shortest path length in the adult autistic brain. <i>Human Brain Mapping</i> , 2019, 40, 5354-5369.	1.9	13
6008	Proactive inhibition deficits with normal perfusion after pediatric mild traumatic brain injury. <i>Human Brain Mapping</i> , 2019, 40, 5370-5381.	1.9	18
6009	Stria terminalis, amygdala, and temporoparietal junction networks facilitate efficient emotion processing under expectations. <i>Human Brain Mapping</i> , 2019, 40, 5382-5396.	1.9	18
6010	Predicting high-intensity focused ultrasound thalamotomy lesions using 2D magnetic resonance thermometry and 3D Gaussian modeling. <i>Medical Physics</i> , 2019, 46, 5722-5732.	1.6	8
6011	Quantifying nerve decussation abnormalities in the optic chiasm. <i>NeuroImage: Clinical</i> , 2019, 24, 102055.	1.4	19
6012	Auditory prediction errors and auditory white matter microstructure associated with psychotic-like experiences in healthy individuals. <i>Brain Structure and Function</i> , 2019, 224, 3277-3289.	1.2	11
6013	Altered Motor and Motor Perceptual Cognitive Imagery Task-Related Activation in Diabetic Peripheral Neuropathy: Insights From Functional MRI. <i>Diabetes Care</i> , 2019, 42, 2004-2007.	4.3	6
6014	Computer-Based Cognitive Training Improves Brain Functional Connectivity in the Attentional Networks: A Study With Primary School-Aged Children. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 247.	1.0	15

#	ARTICLE	IF	CITATIONS
6015	Cognitive Function in Dementia-Free Subjects and Survival in Old Age: The PROSPER Study. <i>American Journal of Medicine</i> , 2019, 132, 1466-1474.e4.	0.6	5
6016	FOD-based registration for susceptibility distortion correction in brainstem connectome imaging. <i>NeuroImage</i> , 2019, 202, 116164.	2.1	10
6017	Effects of long-term adolescent alcohol consumption on white matter integrity and their correlations with metabolic alterations. <i>Psychiatry Research - Neuroimaging</i> , 2019, 294, 111003.	0.9	10
6018	Simultaneous Tissue Classification and Lateral Ventricle Segmentation via a 2D U-net Driven by a 3D Fully Convolutional Neural Network. , 2019, 2019, 5928-5931.		12
6019	White matter structure in schizophrenia and autism: Abnormal diffusion across the brain in schizophrenia. <i>Neuropsychologia</i> , 2019, 135, 107233.	0.7	12
6020	The structural connectivity of discrete networks underlies impulsivity and gambling in Parkinsonâ€™s disease. <i>Brain</i> , 2019, 142, 3917-3935.	3.7	33
6021	Equine Stereotaxic Population Average Brain Atlas With Neuroanatomic Correlation. <i>Frontiers in Neuroanatomy</i> , 2019, 13, 89.	0.9	16
6022	White Matter Integrity Is Associated With Intraindividual Variability in Neuropsychological Test Performance in Healthy Older Adults. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 352.	1.0	28
6023	Brain Structure Alterations in Poly-Drug Use: Reduced Cortical Thickness and White Matter Impairments in Regions Associated With Affective, Cognitive, and Motor Functions. <i>Frontiers in Psychiatry</i> , 2019, 10, 667.	1.3	15
6024	Comparison of manual and automated fiber quantification tractography in patients with temporal lobe epilepsy. <i>NeuroImage: Clinical</i> , 2019, 24, 102024.	1.4	16
6025	Cortical gamma-synchrony measured with magnetoencephalography is a marker of clinical status and predicts clinical outcome in stroke survivors. <i>NeuroImage: Clinical</i> , 2019, 24, 102092.	1.4	23
6026	MRI-based visualization of rTMS-induced cortical plasticity in the primary motor cortex. <i>PLoS ONE</i> , 2019, 14, e0224175.	1.1	16
6027	Neural networks associated with body composition in frontotemporal dementia. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 1707-1717.	1.7	10
6028	Minor gait impairment despite white matter damage in pure small vessel disease. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 2026-2036.	1.7	17
6029	Fusion Radiomics Features from Conventional MRI Predict MGMT Promoter Methylation Status in Lower Grade Gliomas. <i>European Journal of Radiology</i> , 2019, 121, 108714.	1.2	39
6030	Octave-Spanning High-Repetition-Rate Mid-IR Supercontinuum for Frequency Comb Synthesis. , 2019, , .		0
6031	Diagnosis of Conversion Disorder Using Diffusion Tensor Tractography and Transcranial Magnetic Stimulation in a Patient with Mild Traumatic Brain Injury. <i>Diagnostics</i> , 2019, 9, 155.	1.3	7
6032	Tractography delineation of the vertical occipital fasciculus using quantitative T1 mapping. <i>NeuroImage</i> , 2019, 202, 116121.	2.1	24

#	ARTICLE	IF	CITATIONS
6033	Brain structural connectivity network alterations in insomnia disorder reveal a central role of the right angular gyrus. <i>NeuroImage: Clinical</i> , 2019, 24, 102019.	1.4	23
6034	<p>Diffusion Tensor Imaging And Tractography In Autistic, Dysphasic, And Healthy Control Children</p>. <i>Neuropsychiatric Disease and Treatment</i> , 2019, Volume 15, 2843-2852.	1.0	6
6035	Anatomical connections underlying personally-familiar face processing. <i>PLoS ONE</i> , 2019, 14, e0222087.	1.1	3
6036	Treatment response prediction of rehabilitation program in children with cerebral palsy using radiomics strategy: protocol for a multicenter prospective cohort study in west China. <i>Quantitative Imaging in Medicine and Surgery</i> , 2019, 9, 1402-1412.	1.1	5
6037	Aberrant “deep connectivity” in autism: A cortico “subcortical functional connectivity magnetic resonance imaging study. <i>Autism Research</i> , 2019, 12, 384-400.	2.1	51
6038	3-D Microwave Tomography Using the Soft Prior Regularization Technique: Evaluation in Anatomically Realistic MRI-Derived Numerical Breast Phantoms. <i>IEEE Transactions on Biomedical Engineering</i> , 2019, 66, 2566-2575.	2.5	30
6039	Structural and Functional Connectivity Between the Amygdala and Orbital Frontal Cortex in Burning Mouth Syndrome: An fMRI Study. <i>Frontiers in Psychology</i> , 2019, 10, 1700.	1.1	24
6040	Impaired voice processing in reward and salience circuits predicts social communication in children with autism. <i>ELife</i> , 2019, 8, .	2.8	24
6041	Biopsy Confirmed Glioma Recurrence Predicted by Multi-Modal Neuroimaging Metrics. <i>Journal of Clinical Medicine</i> , 2019, 8, 1287.	1.0	3
6042	The cortico-rubral and cerebello-rubral pathways are topographically organized within the human red nucleus. <i>Scientific Reports</i> , 2019, 9, 12117.	1.6	33
6043	Hyperaligning Neural Representational Spaces. <i>NeuroMethods</i> , 2019, , 281-289.	0.2	1
6044	Technical Note: Simultaneous segmentation and relaxometry for MRI through multitask learning. <i>Medical Physics</i> , 2019, 46, 4610-4621.	1.6	2
6045	Assessment of a prognostic MRI biomarker in early de novo Parkinson's disease. <i>NeuroImage: Clinical</i> , 2019, 24, 101986.	1.4	26
6046	Inferior Longitudinal Fasciculus “ Role in Visual Processing and Language Comprehension: A Combined MEG-DTI Study. <i>Frontiers in Neuroscience</i> , 2019, 13, 875.	1.4	37
6047	MAO “NTR genotype affects structural and functional connectivity in distributed brain networks. <i>Human Brain Mapping</i> , 2019, 40, 5202-5212.	1.9	14
6048	Preserved network functional connectivity underlies cognitive reserve in multiple sclerosis. <i>Human Brain Mapping</i> , 2019, 40, 5231-5241.	1.9	37
6049	Dynamic functional connectivity states characterize NREM sleep and wakefulness. <i>Human Brain Mapping</i> , 2019, 40, 5256-5268.	1.9	21
6050	Analysis of brain functional connectivity network in MS patients constructed by modular structure of sparse weights from cognitive task-related fMRI. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2019, 42, 921-938.	1.4	5

#	ARTICLE	IF	CITATIONS
6051	White matter microstructural abnormalities in children with severe congenital hypothyroidism. <i>NeuroImage: Clinical</i> , 2019, 24, 101980.	1.4	13
6052	Automatic glioma segmentation based on adaptive superpixel. <i>BMC Medical Imaging</i> , 2019, 19, 73.	1.4	28
6053	Altered White Matter Integrity after Mild to Moderate Traumatic Brain Injury. <i>Journal of Clinical Medicine</i> , 2019, 8, 1318.	1.0	12
6054	Diffusion Tensor Imaging of the Kidney: Design and Evaluation of a Reliable Processing Pipeline. <i>Scientific Reports</i> , 2019, 9, 12789.	1.6	15
6055	Heterogeneous Enhancement Pattern in DCE-MRI Reveals the Morphology of Normal Lymph Nodes: An Experimental Study. <i>Contrast Media and Molecular Imaging</i> , 2019, 2019, 1-9.	0.4	0
6056	Traumatic axonal injury influences the cognitive effect of non-invasive brain stimulation. <i>Brain</i> , 2019, 142, 3280-3293.	3.7	25
6057	Pre- and Post-therapy Assessment of Clinical Outcomes and White Matter Integrity in Autism Spectrum Disorder: Pilot Study. <i>Frontiers in Neurology</i> , 2019, 10, 877.	1.1	13
6058	Functional MRI of Letter Cancellation Task Performance in Older Adults. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 97.	1.0	16
6059	Evidence for allocentric boundary and goal direction information in the human entorhinal cortex and subiculum. <i>Nature Communications</i> , 2019, 10, 4004.	5.8	31
6060	Hippocampal-neocortical interactions sharpen over time for predictive actions. <i>Nature Communications</i> , 2019, 10, 3989.	5.8	17
6061	Multicenter prospective clinical study to evaluate children short-term neurodevelopmental outcome in congenital heart disease (children NEURO-HEART): study protocol. <i>BMC Pediatrics</i> , 2019, 19, 326.	0.7	5
6062	Networks Disrupted in Linguistic Variants of Frontotemporal Dementia. <i>Frontiers in Neurology</i> , 2019, 10, 903.	1.1	11
6063	Multimodal Quantitative MRI Reveals No Evidence for Tissue Pathology in Idiopathic Cervical Dystonia. <i>Frontiers in Neurology</i> , 2019, 10, 914.	1.1	14
6064	Adiposity Related Brain Plasticity Induced by Bariatric Surgery. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 290.	1.0	6
6065	Regional Structural Hippocampal Differences Between Dementia with Lewy Bodies and Parkinson's Disease. <i>Journal of Parkinson's Disease</i> , 2019, 9, 775-783.	1.5	8
6066	Age-related differences in neural activation and functional connectivity during the processing of vocal prosody in adolescence. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2019, 19, 1418-1432.	1.0	6
6067	Handedness Side and Magnetization Transfer Ratio in the Primary Sensorimotor Cortex Central Sulcus. <i>BioMed Research International</i> , 2019, 2019, 1-7.	0.9	1
6068	Myelin Water Imaging and Transcranial Magnetic Stimulation Suggest Structure-Function Relationships in Multiple Sclerosis. <i>Frontiers in Physics</i> , 2019, 7, .	1.0	3

#	ARTICLE	IF	CITATIONS
6069	Organized Toe Maps in Extreme Foot Users. <i>Cell Reports</i> , 2019, 28, 2748-2756.e4.	2.9	26
6070	Reduction of bias in the evaluation of fractional anisotropy and mean diffusivity in magnetic resonance diffusion tensor imaging using region-of-interest methodology. <i>Scientific Reports</i> , 2019, 9, 13095.	1.6	7
6071	Task-based fMRI of a free-viewing visuo-saccadic network in the marmoset monkey. <i>NeuroImage</i> , 2019, 202, 116147.	2.1	35
6072	Atrophied Brain T2 Lesion Volume at MRI Is Associated with Disability Progression and Conversion to Secondary Progressive Multiple Sclerosis. <i>Radiology</i> , 2019, 293, 424-433.	3.6	36
6073	White Matter Microstructural Change Contributes to Worse Cognitive Function in Patients With Type 2 Diabetes. <i>Diabetes</i> , 2019, 68, 2085-2094.	0.3	26
6074	MRtrix3: A fast, flexible and open software framework for medical image processing and visualisation. <i>NeuroImage</i> , 2019, 202, 116137.	2.1	1,555
6075	Distinct representations of spatial and categorical relationships across human scene-selective cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 21312-21317.	3.3	37
6076	Magnetic Resonance Brain Imaging. <i>Use RI</i> , 2019, , .	0.3	2
6077	Neural activation for actual and imagined movement following unilateral hand transplantation: a case study. <i>Neurocase</i> , 2019, 25, 225-234.	0.2	3
6078	Identifying reproducible individual differences in childhood functional brain networks: An ABCD study. <i>Developmental Cognitive Neuroscience</i> , 2019, 40, 100706.	1.9	86
6079	Acute ex vivo changes in brain white matter diffusion tensor metrics. <i>PLoS ONE</i> , 2019, 14, e0223211.	1.1	4
6080	Sex, Age, and Handedness Modulate the Neural Correlates of Active Learning. <i>Frontiers in Neuroscience</i> , 2019, 13, 961.	1.4	9
6081	Comparison between a pure functional connectivity and a mixed functional-topological model in functional connectivity. An application on parahippocampal gyrus-anterior division data. <i>Biomedical Signal Processing and Control</i> , 2019, 54, 101570.	3.5	1
6082	Examining the representational content of perirhinal cortex and posterior ventral visual pathway regions when maintenance of visual information is interrupted. <i>Cortex</i> , 2019, 121, 16-26.	1.1	1
6083	The role of small diffusion-weighted imaging lesions in cerebral small vessel disease. <i>Neurology</i> , 2019, 93, 10.1212/WNL.00000000000008364.	1.5	14
6084	Reproducibility of axonal water fraction derived from the spherical mean diffusion weighted signal. <i>Magnetic Resonance Imaging</i> , 2019, 63, 49-54.	1.0	0
6085	White Matter Abnormalities in Multiple Sclerosis Evaluated by Quantitative Synthetic MRI, Diffusion Tensor Imaging, and Neurite Orientation Dispersion and Density Imaging. <i>American Journal of Neuroradiology</i> , 2019, 40, 1642-1648.	1.2	33
6086	Resolving the cognitive clinico-radiological paradox “Microstructural degeneration of fronto-striatal-thalamic loops in early active multiple sclerosis. <i>Cortex</i> , 2019, 121, 239-252.	1.1	11

#	ARTICLE	IF	CITATIONS
6087	Identification of neurobehavioural symptom groups based on shared brain mechanisms. <i>Nature Human Behaviour</i> , 2019, 3, 1306-1318.	6.2	37
6088	Multimodal characterization of the visual network in Huntington's disease gene carriers. <i>Clinical Neurophysiology</i> , 2019, 130, 2053-2059.	0.7	0
6089	Brain regulation of emotional conflict predicts antidepressant treatment response for depression. <i>Nature Human Behaviour</i> , 2019, 3, 1319-1331.	6.2	29
6090	Naturalistic Audio-Movies and Narrative Synchronize "Visual" Cortices across Congenitally Blind But Not Sighted Individuals. <i>Journal of Neuroscience</i> , 2019, 39, 8940-8948.	1.7	14
6091	ADAPTIVE REGION GROWING FOR SKULL, BRAIN, AND SCALP SEGMENTATION FROM 3D MRI. <i>Biomedical Engineering - Applications, Basis and Communications</i> , 2019, 31, 1950033.	0.3	3
6092	Axial variation of deoxyhemoglobin density as a source of the low-frequency time lag structure in blood oxygenation level-dependent signals. <i>PLoS ONE</i> , 2019, 14, e0222787.	1.1	20
6093	Automated diagnosis of HIV-associated neurocognitive disorders using large-scale Granger causality analysis of resting-state functional MRI. <i>Computers in Biology and Medicine</i> , 2019, 106, 24-30.	3.9	31
6094	Graph theory analysis of DTI tractography in children with traumatic injury. <i>NeuroImage: Clinical</i> , 2019, 21, 101673.	1.4	32
6095	Hyperactivity/restlessness is associated with increased functional connectivity in adults with ADHD: a dimensional analysis of resting state fMRI. <i>BMC Psychiatry</i> , 2019, 19, 43.	1.1	39
6096	Measures of possible allostatic load in comorbid cocaine and alcohol use disorder: Brain white matter integrity, telomere length, and anti-saccade performance. <i>PLoS ONE</i> , 2019, 14, e0199729.	1.1	17
6097	Small Animal Multivariate Brain Analysis (SAMBA) " a High Throughput Pipeline with a Validation Framework. <i>Neuroinformatics</i> , 2019, 17, 451-472.	1.5	42
6098	Associations of the Mediterranean diet with cognitive and neuroimaging phenotypes of dementia in healthy older adults. <i>American Journal of Clinical Nutrition</i> , 2019, 109, 361-368.	2.2	75
6099	Brain white matter damage and its association with neuronal synchrony during sleep. <i>Brain</i> , 2019, 142, 674-687.	3.7	22
6100	BOLD-based cerebrovascular reactivity vascular transfer function isolates amplitude and timing responses to better characterize cerebral small vessel disease. <i>NMR in Biomedicine</i> , 2019, 32, e4064.	1.6	25
6101	White matter has impaired resting oxygen delivery in sickle cell patients. <i>American Journal of Hematology</i> , 2019, 94, 467-474.	2.0	31
6102	Multi-modal neuroimaging of dual-task walking: Structural MRI and fNIRS analysis reveals prefrontal grey matter volume moderation of brain activation in older adults. <i>NeuroImage</i> , 2019, 189, 745-754.	2.1	52
6103	Relationship Between DTI Metrics and Cognitive Function in Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 436.	1.7	87
6104	Microstructural integrity of white matter moderates an association between childhood adversity and adult trait anger. <i>Aggressive Behavior</i> , 2019, 45, 310-318.	1.5	13

#	ARTICLE	IF	CITATIONS
6105	A Randomized Trial Directly Comparing Ventral Capsule and Anteromedial Subthalamic Nucleus Stimulation in Obsessive-Compulsive Disorder: Clinical and Imaging Evidence for Dissociable Effects. <i>Biological Psychiatry</i> , 2019, 85, 726-734.	0.7	152
6106	Temporal dynamics of the pharmacological MRI response to subanaesthetic ketamine in healthy volunteers: A simultaneous EEG/fMRI study. <i>Journal of Psychopharmacology</i> , 2019, 33, 219-229.	2.0	18
6107	Structural and functional asymmetry of medial temporal subregions in unilateral temporal lobe epilepsy: A 7T MRI study. <i>Human Brain Mapping</i> , 2019, 40, 2390-2398.	1.9	49
6108	Generalized diffusion spectrum magnetic resonance imaging (GDSI) for model-free reconstruction of the ensemble average propagator. <i>NeuroImage</i> , 2019, 189, 497-515.	2.1	10
6109	Internet addiction associated with right pars opercularis in females. <i>Journal of Behavioral Addictions</i> , 2019, 8, 162-168.	1.9	8
6110	Preserved white matter microstructure in adolescent patients with atypical anorexia nervosa. <i>International Journal of Eating Disorders</i> , 2019, 52, 166-174.	2.1	16
6111	Resting state network modularity along the prodromal late onset Alzheimer's disease continuum. <i>NeuroImage: Clinical</i> , 2019, 22, 101687.	1.4	51
6112	Fast Robust Dejitter and Interslice Discontinuity Removal in MRI Phase Acquisitions: Application to Magnetic Resonance Elastography. <i>IEEE Transactions on Medical Imaging</i> , 2019, 38, 1578-1587.	5.4	14
6113	Diffusion kurtosis imaging in mild traumatic brain injury and postconcussional syndrome. <i>Journal of Neuroscience Research</i> , 2019, 97, 568-581.	1.3	27
6114	Taste Perception and Caffeine Consumption: An fMRI Study. <i>Nutrients</i> , 2019, 11, 34.	1.7	10
6115	Unraveling Specific Brain Microstructural Damage in Moyamoya Disease Using Diffusion Magnetic Resonance Imaging and Positron Emission Tomography. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 1113-1125.	0.7	14
6116	Resting-State Functional Connectivity and Psychotic-like Experiences in Childhood: Results From the Adolescent Brain Cognitive Development Study. <i>Biological Psychiatry</i> , 2019, 86, 7-15.	0.7	116
6117	Volume entropy for modeling information flow in a brain graph. <i>Scientific Reports</i> , 2019, 9, 256.	1.6	7
6118	Spatial distribution of multiple sclerosis lesions in the cervical spinal cord. <i>Brain</i> , 2019, 142, 633-646.	3.7	75
6119	Transient states of network connectivity are atypical in autism: A dynamic functional connectivity study. <i>Human Brain Mapping</i> , 2019, 40, 2377-2389.	1.9	61
6120	Multi-parametric and multi-regional histogram analysis of MRI: modality integration reveals imaging phenotypes of glioblastoma. <i>European Radiology</i> , 2019, 29, 4718-4729.	2.3	17
6121	Self-reported urinary impairment identifies "fast progressors"™ in terms of neuronal loss in multiple system atrophy. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2019, 217, 1-6.	1.4	2
6122	Echo planar time-resolved imaging (EPTI). <i>Magnetic Resonance in Medicine</i> , 2019, 81, 3599-3615.	1.9	75

#	ARTICLE	IF	CITATIONS
6123	The neural response to deep brain stimulation of the anterior nucleus of the thalamus: A MEMRI and c-Fos study. <i>Brain Research Bulletin</i> , 2019, 147, 133-139.	1.4	15
6124	Structural covariability hubs in old age. <i>NeuroImage</i> , 2019, 189, 307-315.	2.1	2
6125	A comparison of denoising pipelines in high temporal resolution task-based functional magnetic resonance imaging data. <i>Human Brain Mapping</i> , 2019, 40, 3843-3859.	1.9	17
6126	Epigenetic modification of the oxytocin receptor gene is associated with emotion processing in the infant brain. <i>Developmental Cognitive Neuroscience</i> , 2019, 37, 100648.	1.9	55
6127	TRActs constrained by UnderLying INfant anatomy (TRACULInA): An automated probabilistic tractography tool with anatomical priors for use in the newborn brain. <i>NeuroImage</i> , 2019, 199, 1-17.	2.1	22
6128	Wired to be connected? Links between mobile technology engagement, intertemporal preference and frontostriatal white matter connectivity. <i>Social Cognitive and Affective Neuroscience</i> , 2019, 14, 367-379.	1.5	10
6129	Network building and analysis in connectomics studies: a review of algorithms, databases and technologies. <i>Network Modeling Analysis in Health Informatics and Bioinformatics</i> , 2019, 8, 1.	1.2	9
6130	Deterministic Group Tractography with Local Uncertainty Quantification. <i>Mathematics and Visualization</i> , 2019, , 377-386.	0.4	0
6131	Fronto-parietal contributions to episodic retrieval—evidence from neurodegenerative disorders. <i>Learning and Memory</i> , 2019, 26, 262-271.	0.5	9
6132	Voxel selection framework based on meta-heuristic search and mutual information for brain decoding. <i>International Journal of Imaging Systems and Technology</i> , 2019, 29, 663-676.	2.7	1
6133	Clinical and neuroimaging correlates of cognition in HIV. <i>Journal of NeuroVirology</i> , 2019, 25, 754-764.	1.0	14
6134	Gray Matter Atrophy to Explain Subclinical Oculomotor Deficit in Multiple Sclerosis. <i>Frontiers in Neurology</i> , 2019, 10, 589.	1.1	3
6135	A new linearly constrained minimum variance beamformer for reconstructing EEG sparse sources. <i>International Journal of Imaging Systems and Technology</i> , 2019, 29, 686-700.	2.7	6
6136	Direct electrical stimulation of the left frontal aslant tract disrupts sentence planning without affecting articulation. <i>Cognitive Neuropsychology</i> , 2019, 36, 178-192.	0.4	29
6137	Sampling Rate Effects on Resting State fMRI Metrics. <i>Frontiers in Neuroscience</i> , 2019, 13, 279.	1.4	53
6138	Beyond consensus: Embracing heterogeneity in curated neuroimaging meta-analysis. <i>NeuroImage</i> , 2019, 200, 142-158.	2.1	19
6139	Altered Cellular White Matter But Not Extracellular Free Water on Diffusion MRI in Individuals at Clinical High Risk for Psychosis. <i>American Journal of Psychiatry</i> , 2019, 176, 820-828.	4.0	28
6140	Prism adaptation enhances decoupling between the default mode network and the attentional networks. <i>NeuroImage</i> , 2019, 200, 210-220.	2.1	15

#	ARTICLE	IF	CITATIONS
6141	Mild traumatic brain injury: The effect of age at trauma onset on brain structure integrity. <i>NeuroImage: Clinical</i> , 2019, 23, 101907.	1.4	15
6142	Comparing the accuracy and neuroanatomical correlates of the UPSIT-40 and the Sniffinâ€™ Sticks test in REM sleep behavior disorder. <i>Parkinsonism and Related Disorders</i> , 2019, 65, 197-202.	1.1	16
6143	In vivo demonstration of microscopic anisotropy in the human kidney using multidimensional diffusion MRI. <i>Magnetic Resonance in Medicine</i> , 2019, 82, 2160-2168.	1.9	24
6144	Response heterogeneity to home-based restorative cognitive rehabilitation in multiple sclerosis: An exploratory study. <i>Multiple Sclerosis and Related Disorders</i> , 2019, 34, 103-111.	0.9	24
6145	Influence of muscarinic M1 receptor antagonism on brain choline levels and functional connectivity in medication-free subjects with psychosis: A placebo controlled, cross-over study. <i>Psychiatry Research - Neuroimaging</i> , 2019, 290, 5-13.	0.9	7
6146	Tractography-based parcellation does not provide strong evidence of anatomical organisation within the thalamus. <i>NeuroImage</i> , 2019, 199, 418-426.	2.1	9
6147	High-fidelity mapping of repetition-related changes in the parietal memory network. <i>NeuroImage</i> , 2019, 199, 427-439.	2.1	10
6148	How Multiple Retrievals Affect Neural Reactivation in Young and Older Adults. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2019, 74, 1086-1100.	2.4	17
6149	Towards an optimised processing pipeline for diffusion magnetic resonance imaging data: Effects of artefact corrections on diffusion metrics and their age associations in UK Biobank. <i>Human Brain Mapping</i> , 2019, 40, 4146-4162.	1.9	64
6150	Pairwise Interactions among Brain Regions Organize Large-Scale Functional Connectivity during Execution of Various Tasks. <i>Neuroscience</i> , 2019, 412, 190-206.	1.1	9
6151	Longitudinal cortical network reorganization in early relapsingâ€™ remitting multiple sclerosis. <i>Therapeutic Advances in Neurological Disorders</i> , 2019, 12, 175628641983867.	1.5	26
6152	Dissociative identity as a continuum from healthy mind to psychiatric disorders: Epistemological and neurophenomenological implications approached through hypnosis. <i>Medical Hypotheses</i> , 2019, 130, 109274.	0.8	9
6153	The pedunculopontine region and breathing in Parkinson's disease. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 837-847.	1.7	9
6154	Bayesian framework for robust seedâ€™based correlation analysis. <i>Medical Physics</i> , 2019, 46, 3055-3066.	1.6	2
6155	Alterations of structural and functional connectivity in profound sensorineural hearing loss infants within an early sensitive period: A combined DTI and fMRI study. <i>Developmental Cognitive Neuroscience</i> , 2019, 38, 100654.	1.9	31
6156	Preliminary evidence that computerized approach avoidance training is not associated with changes in fMRI cannabis cue reactivity in non-treatment-seeking adolescent cannabis users. <i>Drug and Alcohol Dependence</i> , 2019, 200, 145-152.	1.6	15
6157	The effect of CSF drain on the optic nerve in idiopathic intracranial hypertension. <i>Journal of Headache and Pain</i> , 2019, 20, 59.	2.5	18
6158	Structural and functional MRI correlates of T2 hyperintensities of brain white matter in young neurologically asymptomatic adults. <i>European Radiology</i> , 2019, 29, 7027-7036.	2.3	8

#	ARTICLE	IF	CITATIONS
6159	Corpus callosum axon diameter relates to cognitive impairment in multiple sclerosis. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 882-892.	1.7	38
6160	Effects of Mnemonic Strategy Training on Brain Activity and Cognitive Functioning of Left-Hemisphere Ischemic Stroke Patients. <i>Neural Plasticity</i> , 2019, 2019, 1-16.	1.0	6
6161	Structural Variability in the Human Brain Reflects Fine-Grained Functional Architecture at the Population Level. <i>Journal of Neuroscience</i> , 2019, 39, 6136-6149.	1.7	29
6162	Thalamic Atrophy Without Whole Brain Atrophy Is Associated With Absence of 2-Year NEDA in Multiple Sclerosis. <i>Frontiers in Neurology</i> , 2019, 10, 459.	1.1	23
6163	Brain volume is related to neurological impairment and to copper overload in Wilson's disease. <i>Neurological Sciences</i> , 2019, 40, 2089-2095.	0.9	27
6164	Multi-slice passband bSSFP for human and rodent fMRI at ultra-high field. <i>Journal of Magnetic Resonance</i> , 2019, 305, 31-40.	1.2	9
6165	Diffusion tensor and restriction spectrum imaging reflect different aspects of neurodegeneration in Parkinson's disease. <i>PLoS ONE</i> , 2019, 14, e0217922.	1.1	17
6166	Acute psychosocial stress alters thalamic network centrality. <i>NeuroImage</i> , 2019, 199, 680-690.	2.1	23
6167	White matter architecture in major depression with anxious distress symptoms. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 94, 109664.	2.5	10
6168	Genetic variant in SLC1A2 is associated with elevated anterior cingulate cortex glutamate and lifetime history of rapid cycling. <i>Translational Psychiatry</i> , 2019, 9, 149.	2.4	19
6169	Better Brain and Cognition Prior to Surgery Is Associated With Elevated Postoperative Brain Extracellular Free-Water in Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 117.	1.7	8
6170	Mapping the structural connectivity between the periaqueductal gray and the cerebellum in humans. <i>Brain Structure and Function</i> , 2019, 224, 2153-2165.	1.2	33
6171	Genetic and environmental influences on MRI scan quantity and quality. <i>Developmental Cognitive Neuroscience</i> , 2019, 38, 100667.	1.9	22
6172	Linking neural and clinical measures of glaucoma with diffusion magnetic resonance imaging (dMRI). <i>PLoS ONE</i> , 2019, 14, e0217011.	1.1	16
6173	Omission of temporal nuisance regressors from dual regression can improve accuracy of fMRI functional connectivity maps. <i>Human Brain Mapping</i> , 2019, 40, 4005-4025.	1.9	2
6174	Evidence for genetic correlation between human cerebral white matter microstructure and inflammation. <i>Human Brain Mapping</i> , 2019, 40, 4180-4191.	1.9	16
6175	A multivoxel pattern analysis framework with mutual connectivity analysis investigating changes in resting state connectivity in patients with HIV associated neurocognitive disorder. <i>Magnetic Resonance Imaging</i> , 2019, 62, 121-128.	1.0	4
6176	Tracking dynamic brain networks using high temporal resolution MEG measures of functional connectivity. <i>NeuroImage</i> , 2019, 200, 38-50.	2.1	83

#	ARTICLE	IF	CITATIONS
6177	Whole-brain snapshot CEST imaging at 7 T using 3D-EPI. <i>Magnetic Resonance in Medicine</i> , 2019, 82, 1741-1752.	1.9	27
6178	Large-scale brain modes reorganize between infant sleep states and carry prognostic information for preterms. <i>Nature Communications</i> , 2019, 10, 2619.	5.8	65
6179	Regional Striatal Cholinergic Involvement in Human Behavioral Flexibility. <i>Journal of Neuroscience</i> , 2019, 39, 5740-5749.	1.7	15
6180	Developmental Maturation of the Precuneus as a Functional Core of the Default Mode Network. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 1506-1519.	1.1	52
6181	Construction of 4D infant cortical surface atlases with sharp folding patterns via spherical patch-based group-wise sparse representation. <i>Human Brain Mapping</i> , 2019, 40, 3860-3880.	1.9	31
6182	Data Preprocessing for Automatic WMH Segmentation with FCNNs. <i>Lecture Notes in Computer Science</i> , 2019, , 452-460.	1.0	2
6183	Improved gray matter surface based spatial statistics in neuroimaging studies. <i>Magnetic Resonance Imaging</i> , 2019, 61, 285-295.	1.0	4
6184	Use of diffusion tensor imaging in the evaluation of pediatric concussions. <i>Musculoskeletal Science and Practice</i> , 2019, 42, 162-165.	0.6	9
6185	Accelerated whole-brain perfusion imaging using a simultaneous multislice spin-echo and gradient-echo sequence with joint virtual coil reconstruction. <i>Magnetic Resonance in Medicine</i> , 2019, 82, 973-983.	1.9	10
6186	Quantitative CEST imaging of amide proton transfer in acute ischaemic stroke. <i>NeuroImage: Clinical</i> , 2019, 23, 101833.	1.4	39
6187	Intensity-related distribution of sweet and bitter taste fMRI responses in the insular cortex. <i>Human Brain Mapping</i> , 2019, 40, 3631-3646.	1.9	21
6188	Maternal sensitivity predicts anterior hippocampal functional networks in early childhood. <i>Brain Structure and Function</i> , 2019, 224, 1885-1895.	1.2	24
6189	Realistic volumetric-approach to simulate transcranial electric stimulation "ROAST" a fully automated open-source pipeline. <i>Journal of Neural Engineering</i> , 2019, 16, 056006.	1.8	229
6190	Diffusion tensor tractography in children with sensory processing disorder: Potentials for devising machine learning classifiers. <i>NeuroImage: Clinical</i> , 2019, 23, 101831.	1.4	14
6191	Microstructural neuroimaging of white matter tracts in persistent post-concussion syndrome: A prospective controlled cohort study. <i>NeuroImage: Clinical</i> , 2019, 23, 101842.	1.4	21
6192	Cholinergic and serotonergic modulation of resting state functional brain connectivity in Alzheimer's disease. <i>NeuroImage</i> , 2019, 199, 143-152.	2.1	30
6193	Evaluation of the 3D fractal dimension as a marker of structural brain complexity in multiple-acquisition MRI. <i>Human Brain Mapping</i> , 2019, 40, 3299-3320.	1.9	33
6194	Measuring shared responses across subjects using intersubject correlation. <i>Social Cognitive and Affective Neuroscience</i> , 2019, 14, 667-685.	1.5	208

#	ARTICLE	IF	CITATIONS
6195	Vision and Vision-Related Measures in Progressive Multiple Sclerosis. <i>Frontiers in Neurology</i> , 2019, 10, 455.	1.1	17
6196	Functional segregation of executive control network and frontoparietal network in Alzheimer's disease. <i>Cortex</i> , 2019, 120, 36-48.	1.1	42
6197	Individual differences in level of wisdom are associated with brain activation during a moral decision-making task. <i>Brain and Behavior</i> , 2019, 9, e01302.	1.0	10
6198	A neural signature of metabolic syndrome. <i>Human Brain Mapping</i> , 2019, 40, 3575-3588.	1.9	26
6199	Resting state coupling between the amygdala and ventromedial prefrontal cortex is related to household income in childhood and indexes future psychological vulnerability to stress. <i>Development and Psychopathology</i> , 2019, 31, 1053-1066.	1.4	32
6200	A rapid knowledge-based partial supervision fuzzy c-means for brain tissue segmentation with CUDA-enabled GPU machine. <i>International Journal of Imaging Systems and Technology</i> , 2019, 29, 547-560.	2.7	6
6201	Advances in imaging of brain abnormalities in neuromuscular disease. <i>Therapeutic Advances in Neurological Disorders</i> , 2019, 12, 175628641984556.	1.5	22
6202	Isolated periventricular pseudocysts do not affect white matter microstructure development in neonatal stage: A retrospective case-control diffusion tensor imaging study. <i>European Journal of Radiology</i> , 2019, 116, 152-159.	1.2	4
6203	Synthesized b0 for diffusion distortion correction (Synb0-DisCo). <i>Magnetic Resonance Imaging</i> , 2019, 64, 62-70.	1.0	87
6204	Connectomes from streamlines tractography: Assigning streamlines to brain parcellations is not trivial but highly consequential. <i>NeuroImage</i> , 2019, 199, 160-171.	2.1	31
6205	Linked anatomical and functional brain alterations in children with attention-deficit/hyperactivity disorder. <i>NeuroImage: Clinical</i> , 2019, 23, 101851.	1.4	27
6206	Structural connectivity-based topography of the human globus pallidus: Implications for therapeutic targeting in movement disorders. <i>Movement Disorders</i> , 2019, 34, 987-996.	2.2	39
6207	Multimodal characterization of the human nucleus accumbens. <i>NeuroImage</i> , 2019, 198, 137-149.	2.1	33
6208	Age- and disease-related cerebral white matter changes in patients with Parkinson's disease. <i>Neurobiology of Aging</i> , 2019, 80, 203-209.	1.5	31
6209	White Matter Connectome Correlates of Auditory Over-Responsivity: Edge Density Imaging and Machine-Learning Classifiers. <i>Frontiers in Integrative Neuroscience</i> , 2019, 13, 10.	1.0	3
6210	A three-wave longitudinal study of subcortical-cortical resting-state connectivity in adolescence: Testing age- and puberty-related changes. <i>Human Brain Mapping</i> , 2019, 40, 3769-3783.	1.9	81
6211	7T GRE-MRI signal compartments are sensitive to dysplastic tissue in focal epilepsy. <i>Magnetic Resonance Imaging</i> , 2019, 61, 1-8.	1.0	18
6212	Topological correction of infant white matter surfaces using anatomically constrained convolutional neural network. <i>NeuroImage</i> , 2019, 198, 114-124.	2.1	18

#	ARTICLE	IF	CITATIONS
6213	Fast learning of fiber orientation distribution function for <scp>MR</scp> tractography using convolutional neural network. <i>Medical Physics</i> , 2019, 46, 3101-3116.	1.6	51
6214	Manual for clinical language tractography. <i>Acta Neurochirurgica</i> , 2019, 161, 1125-1137.	0.9	32
6215	Real-time Video Projection in an MRI for Characterization of Neural Correlates Associated with Mirror Therapy for Phantom Limb Pain. <i>Journal of Visualized Experiments</i> , 2019, , .	0.2	4
6216	Neural reward response to substance-free activity images in opiate use disorder patients with depressive symptoms. <i>Drug and Alcohol Dependence</i> , 2019, 198, 180-189.	1.6	7
6217	White matter microstructure is associated with hyperactive/inattentive symptomatology and polygenic risk for attention-deficit/hyperactivity disorder in a population-based sample of adolescents. <i>Neuropsychopharmacology</i> , 2019, 44, 1597-1603.	2.8	22
6218	Deterministic-tractography-based approach for diagnosis and disease monitoring of amyotrophic lateral sclerosis. <i>Clinical Neurology and Neurosurgery</i> , 2019, 181, 73-75.	0.6	4
6219	Low perfusion compartments in glioblastoma quantified by advanced magnetic resonance imaging and correlated with patient survival. <i>Radiotherapy and Oncology</i> , 2019, 134, 17-24.	0.3	15
6220	Differential impairment patterns of the corticospinal tract segments in alcohol dependence. <i>International Journal of Psychiatry in Clinical Practice</i> , 2019, 23, 225-230.	1.2	2
6221	Functional disconnectivity of the hippocampal network and neural correlates of memory impairment in treatment-resistant depression. <i>Journal of Affective Disorders</i> , 2019, 253, 248-256.	2.0	33
6222	Diffusion MR imaging acquisition and analytics for microstructural delineation in pre-clinical models of TBI. <i>Journal of Neuroscience Research</i> , 2022, 100, 1128-1139.	1.3	3
6223	Decoding individual differences in STEM learning from functional MRI data. <i>Nature Communications</i> , 2019, 10, 2027.	5.8	22
6224	Anatomical and functional investigation of the marmoset default mode network. <i>Nature Communications</i> , 2019, 10, 1975.	5.8	82
6225	Lateralisation of the white matter microstructure associated with the hemispheric spatial attention dominance. <i>PLoS ONE</i> , 2019, 14, e0216032.	1.1	2
6226	How the Brain Transitions from Conscious to Subliminal Perception. <i>Neuroscience</i> , 2019, 411, 280-290.	1.1	19
6227	White Matter Damage in the Semantic Variant of Primary Progressive Aphasia. <i>Canadian Journal of Neurological Sciences</i> , 2019, 46, 373-382.	0.3	8
6228	Impaired illness awareness in schizophrenia and posterior corpus callosal white matter tract integrity. <i>NPJ Schizophrenia</i> , 2019, 5, 8.	2.0	11
6229	Standardization of T1w/T2w Ratio Improves Detection of Tissue Damage in Multiple Sclerosis. <i>Frontiers in Neurology</i> , 2019, 10, 334.	1.1	31
6230	The Conjoint Analysis of Microstructural and Morphological Changes of Gray Matter During Aging. <i>Frontiers in Neurology</i> , 2019, 10, 184.	1.1	6

#	ARTICLE	IF	CITATIONS
6231	Neural correlates of intertemporal choice in aggressive behavior. <i>Aggressive Behavior</i> , 2019, 45, 507-516.	1.5	10
6232	Partial volume transfer (PVT) conversion of cerebral tissue volumes between different magnetic fields MRI. <i>Research on Biomedical Engineering</i> , 2019, 35, 11-20.	1.5	2
6233	Test-retest reliability of Diffusion Tensor Imaging metrics in neonates. <i>NeuroImage</i> , 2019, 197, 598-607.	2.1	31
6234	Resting fMRI as an alternative for task-based fMRI for language lateralization in temporal lobe epilepsy patients: a study using independent component analysis. <i>Neuroradiology</i> , 2019, 61, 803-810.	1.1	9
6235	Postconcussion symptom reporting is not associated with diffusion tensor imaging findings in the subacute to chronic phase of recovery in military service members following mild traumatic brain injury. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2019, 41, 497-511.	0.8	11
6236	Novel Approach to Elucidate Human Baroreflex Regulation at the Brainstem Level: Pharmacological Testing During fMRI. <i>Frontiers in Neuroscience</i> , 2019, 13, 193.	1.4	20
6237	Assessment and Impact of Cognitive Impairment in Multiple Sclerosis: An Overview. <i>Biomedicines</i> , 2019, 7, 22.	1.4	75
6238	The Hippocampus Encodes Distances in Multidimensional Feature Space. <i>Current Biology</i> , 2019, 29, 1226-1231.e3.	1.8	75
6239	Predicting TMS-induced activation in human neocortex using concurrent TMS/PET, finite element analysis and computational modeling. <i>Biomedical Physics and Engineering Express</i> , 2019, 5, 025028.	0.6	3
6240	Dissociating thalamic alterations in alcohol use disorder defines specificity of Korsakoff's syndrome. <i>Brain</i> , 2019, 142, 1458-1470.	3.7	56
6241	Effects of ketamine treatment on cocaine-induced reinstatement and disruption of functional connectivity in unanesthetized rhesus monkeys. <i>Psychopharmacology</i> , 2019, 236, 2105-2118.	1.5	5
6242	Substance abuse and white matter: Findings, limitations, and future of diffusion tensor imaging research. <i>Drug and Alcohol Dependence</i> , 2019, 197, 288-298.	1.6	60
6243	Chronic, low-level oral exposure to marine toxin, domoic acid, alters whole brain morphometry in nonhuman primates. <i>NeuroToxicology</i> , 2019, 72, 114-124.	1.4	21
6244	Integrated radiofrequency array and animal holder design for minimizing head motion during awake marmoset functional magnetic resonance imaging. <i>NeuroImage</i> , 2019, 193, 126-138.	2.1	45
6245	The neural basis of meta-volition. <i>Communications Biology</i> , 2019, 2, 101.	2.0	1
6246	Corticostriatal Circuits Encode the Subjective Value of Perceived Control. <i>Cerebral Cortex</i> , 2019, 29, 5049-5060.	1.6	24
6247	Proprioception and motor performance after stroke: An examination of diffusion properties in sensory and motor pathways. <i>Human Brain Mapping</i> , 2019, 40, 2995-3009.	1.9	11
6248	A dual architecture for the cognitive control of language: Evidence from functional imaging and language production. <i>NeuroImage</i> , 2019, 192, 26-37.	2.1	3

#	ARTICLE	IF	CITATIONS
6250	Decoding the contents and strength of imagery before volitional engagement. <i>Scientific Reports</i> , 2019, 9, 3504.	1.6	41
6251	Lower Limb Task-Based Functional Connectivity Is Altered in Stroke. <i>Brain Connectivity</i> , 2019, 9, 365-377.	0.8	10
6252	Plasma Tau and Amyloid Are Not Reliably Related to Injury Characteristics, Neuropsychological Performance, or White Matter Integrity in Service Members with a History of Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2019, 36, 2190-2199.	1.7	24
6253	Functional and structural neural bases of task specificity in isolated focal dystonia. <i>Movement Disorders</i> , 2019, 34, 555-563.	2.2	38
6254	A structural MRI study of differential neuromorphometric characteristics of binge and heavy drinking. <i>Addictive Behaviors Reports</i> , 2019, 9, 100168.	1.0	4
6255	Seed coat structural and imbibitional characteristics of dark and light coloured Bambara groundnut (<i>Vigna subterranea</i> L.) landraces. <i>Heliyon</i> , 2019, 5, e01249.	1.4	16
6256	Longitudinal Brain Atrophy Rates in Transient Ischemic Attack and Minor Ischemic Stroke Patients and Cognitive Profiles. <i>Frontiers in Neurology</i> , 2019, 10, 18.	1.1	15
6257	Speech processing and plasticity in the right hemisphere predict variation in adult foreign language learning. <i>NeuroImage</i> , 2019, 192, 76-87.	2.1	34
6258	Brain Iron Accumulation in Atypical Parkinsonian Syndromes: in vivo MRI Evidences for Distinctive Patterns. <i>Frontiers in Neurology</i> , 2019, 10, 74.	1.1	68
6259	M3Net: A multi-model, multi-size, and multi-view deep neural network for brain magnetic resonance image segmentation. <i>Pattern Recognition</i> , 2019, 91, 366-378.	5.1	44
6260	The Neural Correlates of the Clock-Drawing Test in Healthy Aging. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 25.	1.0	26
6261	The intrinsic neural architecture of inhibitory control: The role of development and emotional experience. <i>Neuropsychologia</i> , 2019, 127, 93-105.	0.7	5
6262	The homotopic connectivity of the functional brain: a meta-analytic approach. <i>Scientific Reports</i> , 2019, 9, 3346.	1.6	50
6263	A Serial 10-Year Follow-Up Study of Atrophied Brain Lesion Volume and Disability Progression in Patients with Relapsing-Remitting MS. <i>American Journal of Neuroradiology</i> , 2019, 40, 446-452.	1.2	15
6264	Hearing impairment after subarachnoid hemorrhage. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 420-430.	1.7	6
6265	Imaging biomarker analysis of advanced multiparametric MRI for glioma grading. <i>Physica Medica</i> , 2019, 60, 188-198.	0.4	70
6266	Review: Using diffusion-weighted magnetic resonance imaging techniques to explore the microstructure and connectivity of subcortical white matter tracts in the human auditory system. <i>Hearing Research</i> , 2019, 377, 1-11.	0.9	6
6267	Mesolimbic white matter connectivity mediates the preference for sweet food. <i>Scientific Reports</i> , 2019, 9, 4349.	1.6	8

#	ARTICLE	IF	CITATIONS
6268	Redefining bilingualism as a spectrum of experiences that differentially affects brain structure and function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 7565-7574.	3.3	239
6269	Higher resting state functional connectivity between the vmPFC and rTPJ in individuals who display conversational synchrony. <i>Journal of Neurolinguistics</i> , 2019, 51, 212-220.	0.5	2
6270	The neural basis of external responsiveness in prolonged disorders of consciousness. <i>NeuroImage: Clinical</i> , 2019, 22, 101791.	1.4	22
6271	Unresolved "disorganized attachment adjusted for a general psychopathology factor associated with atypical amygdala resting-state functional connectivity. <i>HÅrre Utbildning</i> , 2019, 10, 1583525.	1.4	7
6272	Selective micro-structural integrity impairment of the isthmus subregion of the corpus callosum in alcohol-dependent males. <i>BMC Psychiatry</i> , 2019, 19, 96.	1.1	4
6273	Link-Level Functional Connectivity Neuroalterations in Autism Spectrum Disorder: A Developmental Resting-State fMRI Study. <i>Diagnostics</i> , 2019, 9, 32.	1.3	16
6274	Menstrual cycle phase modulates responses to smoking cues in the putamen: Preliminary evidence for a novel target. <i>Drug and Alcohol Dependence</i> , 2019, 198, 100-104.	1.6	11
6275	Quadriceps muscle function following anterior cruciate ligament reconstruction: systemic differences in neural and morphological characteristics. <i>Experimental Brain Research</i> , 2019, 237, 1267-1278.	0.7	77
6276	Uncovering the inferior fronto-occipital fascicle and its topological organization in non-human primates: the missing connection for language evolution. <i>Brain Structure and Function</i> , 2019, 224, 1553-1567.	1.2	31
6277	Is removal of weak connections necessary for graph-theoretical analysis of dense weighted structural connectomes from diffusion MRI?. <i>NeuroImage</i> , 2019, 194, 68-81.	2.1	64
6278	MRS and DTI evidence of progressive posterior cingulate cortex and corpus callosum injury in the hyper-acute phase after Traumatic Brain Injury. <i>Brain Injury</i> , 2019, 33, 854-868.	0.6	10
6279	Overlapping Anatomical Networks Convey Cross-Modal Suppression in the Sighted and Coactivation of "Visual" and Auditory Cortex in the Blind. <i>Cerebral Cortex</i> , 2019, 29, 4863-4876.	1.6	7
6280	Longitudinal brain functional changes between mania and euthymia in bipolar disorder. <i>Bipolar Disorders</i> , 2019, 21, 449-457.	1.1	24
6281	Reduced focal fiber collinearity in the cingulum bundle in adults with obsessive-compulsive disorder. <i>Neuropsychopharmacology</i> , 2019, 44, 1182-1188.	2.8	16
6282	Keeping track of "alternative facts": The neural correlates of processing misinformation corrections. <i>NeuroImage</i> , 2019, 193, 46-56.	2.1	27
6283	Evidence for the incorporation of temporal duration information in human hippocampal long-term memory sequence representations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 6407-6414.	3.3	49
6284	Brain atrophy in Parkinson's disease with polysomnography-confirmed REM sleep behavior disorder. <i>Sleep</i> , 2019, 42, .	0.6	41
6285	Normalization enhances brain network features that predict individual intelligence in children with epilepsy. <i>PLoS ONE</i> , 2019, 14, e0212901.	1.1	12

#	ARTICLE	IF	CITATIONS
6286	Morning Plasma Melatonin Differences in Autism: Beyond the Impact of Pineal Gland Volume. <i>Frontiers in Psychiatry</i> , 2019, 10, 11.	1.3	21
6287	Pain affect disrupted in children with posterior cerebellar tumor resection. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 344-354.	1.7	12
6288	Diffusion Acceleration with Gaussian process Estimated Reconstruction (DAGER). <i>Magnetic Resonance in Medicine</i> , 2019, 82, 107-125.	1.9	19
6289	White and grey matter development in utero assessed using motion-corrected diffusion tensor imaging and its comparison to ex utero measures. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2019, 32, 473-485.	1.1	15
6290	Reliability-based robust multi-atlas label fusion for brain MRI segmentation. <i>Artificial Intelligence in Medicine</i> , 2019, 96, 12-24.	3.8	12
6291	Diffuse optical tomography for the detection of perinatal stroke at the cot side: a pilot study. <i>Pediatric Research</i> , 2019, 85, 1001-1007.	1.1	9
6292	Neuroconductor: an R platform for medical imaging analysis. <i>Biostatistics</i> , 2019, 20, 218-239.	0.9	43
6293	Neuropsychological and Neuroimaging Examinations of Self-Reported Sleep Quality in Alcohol Use Disorder With and Without Korsakoff's Syndrome. <i>Alcoholism: Clinical and Experimental Research</i> , 2019, 43, 952-964.	1.4	11
6294	Predicting cognitive resilience from midlife lifestyle and multi-modal MRI: A 30-year prospective cohort study. <i>PLoS ONE</i> , 2019, 14, e0211273.	1.1	9
6295	Age-related changes to oscillatory dynamics during maintenance and retrieval in a relational memory task. <i>PLoS ONE</i> , 2019, 14, e0211851.	1.1	11
6296	Tracking the brain in myotonic dystrophies: A 5-year longitudinal follow-up study. <i>PLoS ONE</i> , 2019, 14, e0213381.	1.1	31
6297	Desikan-Killiany-Tourville Atlas Compatible Version of M-CRIB Neonatal Parcellated Whole Brain Atlas: The M-CRIB 2.0. <i>Frontiers in Neuroscience</i> , 2019, 13, 34.	1.4	25
6298	Psychological and Brain Connectivity Changes Following Trauma-Focused CBT and EMDR Treatment in Single-Episode PTSD Patients. <i>Frontiers in Psychology</i> , 2019, 10, 129.	1.1	24
6299	Evaluation of Submillimeter Diffusion Imaging of the Macaque Brain Using Readout-Segmented EPI at 7ÅT. <i>IEEE Transactions on Biomedical Engineering</i> , 2019, 66, 2945-2951.	2.5	7
6300	Investigation of urinary storage symptoms in Parkinson's disease utilizing structural MRI techniques. <i>Neurourology and Urodynamics</i> , 2019, 38, 1168-1175.	0.8	14
6301	Three-dimensional neuronavigation in SEEG-guided epilepsy surgery. <i>Acta Neurochirurgica</i> , 2019, 161, 917-923.	0.9	7
6302	Phasic alerting effects on visual processing speed are associated with intrinsic functional connectivity in the cingulo-opercular network. <i>NeuroImage</i> , 2019, 196, 216-226.	2.1	21
6303	Global signal regression strengthens association between resting-state functional connectivity and behavior. <i>NeuroImage</i> , 2019, 196, 126-141.	2.1	292

#	ARTICLE	IF	CITATIONS
6304	Failure analysis of governor in diesel engine using Shainin System. Engineering Failure Analysis, 2019, 101, 456-463.	1.8	6
6305	Cardiovascular disease risk factors, tract-based structural connectomics, and cognition in older adults. NeuroImage, 2019, 196, 152-160.	2.1	19
6306	Altered frontal white matter asymmetry and its implications for cognition in schizophrenia: A tractography study. NeuroImage: Clinical, 2019, 22, 101781.	1.4	18
6307	Multivariate prediction of functional outcome using lesion topography characterized by acute diffusion tensor imaging. NeuroImage: Clinical, 2019, 23, 101821.	1.4	20
6308	Computational and Informatic Advances for Reproducible Data Analysis in Neuroimaging. Annual Review of Biomedical Data Science, 2019, 2, 119-138.	2.8	35
6309	The macaque anterior cingulate cortex translates counterfactual choice value into actual behavioral change. Nature Neuroscience, 2019, 22, 797-808.	7.1	143
6310	Self-directed down-regulation of auditory cortex activity mediated by real-time fMRI neurofeedback augments attentional processes, resting cerebral perfusion, and auditory activation. NeuroImage, 2019, 195, 475-489.	2.1	11
6311	The architecture of functional lateralisation and its relationship to callosal connectivity in the human brain. Nature Communications, 2019, 10, 1417.	5.8	171
6312	Anatomically constrained tractography facilitates biologically plausible fiber reconstruction of the optic radiation in multiple sclerosis. NeuroImage: Clinical, 2019, 22, 101740.	1.4	19
6313	The Relationship Between Regional Cerebral Blood Flow Estimates and Alcohol Problems at 5-Year Follow-Up: The Role of Level of Response. Alcoholism: Clinical and Experimental Research, 2019, 43, 812-821.	1.4	10
6314	Relevance of brain lesion location for cognition in vascular mild cognitive impairment. NeuroImage: Clinical, 2019, 22, 101789.	1.4	12
6315	Brain Edema in Chronic Hepatic Encephalopathy. Journal of Clinical and Experimental Hepatology, 2019, 9, 362-382.	0.4	38
6316	Thalamocortical disconnection affects the somatic marker and social cognition: a case report. Neurocase, 2019, 25, 1-9.	0.2	3
6317	Hypocretin-deficient narcolepsy patients have abnormal brain activation during humor processing. Sleep, 2019, 42, .	0.6	12
6318	Symptoms of fatigue and depression is reflected in altered default mode network connectivity in multiple sclerosis. PLoS ONE, 2019, 14, e0210375.	1.1	22
6319	Brain white matter microstructure in end-stage kidney disease, cognitive impairment, and circulatory stress. Hemodialysis International, 2019, 23, 356-365.	0.4	27
6320	Volumetric Reductions of Subcortical Structures and Their Localizations in Alcohol-Dependent Patients. Frontiers in Neurology, 2019, 10, 247.	1.1	18
6321	From the Wet Lab to the Web Lab: A Paradigm Shift in Brain Imaging Research. Frontiers in Neuroinformatics, 2019, 13, 3.	1.3	5

#	ARTICLE	IF	CITATIONS
6322	Effect of age, ethnicity, sex, cognitive status and APOE genotype on amyloid load and the threshold for amyloid positivity. <i>NeuroImage: Clinical</i> , 2019, 22, 101800.	1.4	41
6323	Mapping the neuroanatomy of functional decline in Alzheimer's disease from basic to advanced activities of daily living. <i>Journal of Neurology</i> , 2019, 266, 1310-1322.	1.8	11
6324	Mouse BOLD fMRI at ultrahigh field detects somatosensory networks including thalamic nuclei. <i>NeuroImage</i> , 2019, 195, 203-214.	2.1	48
6325	A Comparison of Static and Dynamic Functional Connectivities for Identifying Subjects and Biological Sex Using Intrinsic Individual Brain Connectivity. <i>Scientific Reports</i> , 2019, 9, 5729.	1.6	63
6326	Childhood multiple sclerosis is associated with reduced brain volumes at first clinical presentation and brain growth failure. <i>Multiple Sclerosis Journal</i> , 2019, 25, 927-936.	1.4	32
6327	Moderating Effect of Cortical Thickness on BOLD Signal Variability Age-Related Changes. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 46.	1.7	17
6328	The brain-derived neurotrophic factor Val66Met genotype does not influence the grey or white matter structures underlying recognition memory. <i>NeuroImage</i> , 2019, 197, 1-12.	2.1	4
6329	Distinct patterns of default mode and executive control network circuitry contribute to present and future executive function in older adults. <i>NeuroImage</i> , 2019, 195, 320-332.	2.1	38
6330	Global and regional white matter development in early childhood. <i>NeuroImage</i> , 2019, 196, 49-58.	2.1	96
6331	Auditory white matter pathways are associated with effective connectivity of auditory prediction errors within a fronto-temporal network. <i>NeuroImage</i> , 2019, 195, 454-462.	2.1	11
6332	Electroconvulsive therapy "corrects" the neural architecture of visuospatial memory: Implications for typical cognitive-affective functioning. <i>NeuroImage: Clinical</i> , 2019, 23, 101816.	1.4	4
6333	Relationship between auditory pathway fractional anisotropy and audibility in patients with cerebellopontine angle tumors on diffusion tensor imaging. <i>Clinical Neurology and Neurosurgery</i> , 2019, 179, 42-46.	0.6	0
6334	Structural brain correlates of fatigue in older adults with and without Parkinson's disease. <i>NeuroImage: Clinical</i> , 2019, 22, 101730.	1.4	32
6335	Organization of extrastriate and temporal cortex in chimpanzees compared to humans and macaques. <i>Cortex</i> , 2019, 118, 223-243.	1.1	30
6336	Defining the Functional Role of NaV1.7 in Human Nociception. <i>Neuron</i> , 2019, 101, 905-919.e8.	3.8	140
6337	Girls' attentive traits associate with cerebellar to dorsal attention and default mode network connectivity. <i>Neuropsychologia</i> , 2019, 127, 84-92.	0.7	13
6338	Using resting-state DMN effective connectivity to characterize the neurofunctional architecture of empathy. <i>Scientific Reports</i> , 2019, 9, 2603.	1.6	26
6339	Differential neuroimaging indices in prefrontal white matter in prenatal alcohol-associated ADHD versus idiopathic ADHD. <i>Birth Defects Research</i> , 2019, 111, 797-811.	0.8	14

#	ARTICLE	IF	CITATIONS
6340	Multimodal neuroimaging analysis reveals age-associated common and discrete cognitive control constructs. <i>Human Brain Mapping</i> , 2019, 40, 2639-2661.	1.9	18
6341	Gray and white matter changes in presymptomatic genetic frontotemporal dementia: a longitudinal MRI study. <i>Neurobiology of Aging</i> , 2019, 76, 115-124.	1.5	59
6342	Altered frontostriatal white matter microstructure is associated with familial alcoholism and future binge drinking in adolescence. <i>Neuropsychopharmacology</i> , 2019, 44, 1076-1083.	2.8	22
6343	Comparison of MRI-based automated segmentation methods and functional neurosurgery targeting with direct visualization of the Ventro-intermediate thalamic nucleus at 7T. <i>Scientific Reports</i> , 2019, 9, 1119.	1.6	21
6344	Multiple Approaches to Diffusion Magnetic Resonance Imaging in Hereditary Cerebral Amyloid Angiopathy Mutation Carriers. <i>Journal of the American Heart Association</i> , 2019, 8, e011288.	1.6	13
6345	Inhibitory control mediates a negative relationship between body mass index and intelligence: A neurocognitive investigation. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2019, 19, 392-408.	1.0	3
6346	Machine learning identifies rsfMRI epilepsy networks in temporal lobe epilepsy. <i>European Radiology</i> , 2019, 29, 3496-3505.	2.3	33
6347	Sex-specific effects of central adiposity and inflammatory markers on limbic microstructure. <i>NeuroImage</i> , 2019, 189, 793-803.	2.1	22
6348	The Contribution of Various MRI Parameters to Clinical and Cognitive Disability in Multiple Sclerosis. <i>Frontiers in Neurology</i> , 2018, 9, 1172.	1.1	23
6349	Acupuncture Enhances Communication between Cortices with Damaged White Matters in Poststroke Motor Impairment. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-11.	0.5	10
6350	The Oxford study of Calcium channel Antagonism, Cognition, Mood instability and Sleep (OxCaMS): study protocol for a randomised controlled, experimental medicine study. <i>Trials</i> , 2019, 20, 120.	0.7	17
6351	Neurocomputational mechanisms of adaptive learning in social exchanges. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2019, 19, 985-997.	1.0	16
6352	Processing of Prediction Errors in Mentalizing Areas. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 900-912.	1.1	7
6353	The development of white matter structural changes during the process of deterioration of the visual field. <i>Scientific Reports</i> , 2019, 9, 2085.	1.6	12
6354	A Double Dissociation in Sensitivity to Verb and Noun Semantics Across Cortical Networks. <i>Cerebral Cortex</i> , 2019, 29, 4803-4817.	1.6	20
6355	Reduced Amygdala-Prefrontal Functional Connectivity in Children With Autism Spectrum Disorder and Co-occurring Disruptive Behavior. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 1031-1041.	1.1	35
6356	Reduced gamma-amino butyric acid (GABA) and glutamine in the anterior cingulate cortex (ACC) of veterans exposed to trauma. <i>Journal of Affective Disorders</i> , 2019, 248, 166-174.	2.0	26
6357	Resting-state functional connectivity and inflexibility of daily emotions in major depression. <i>Journal of Affective Disorders</i> , 2019, 249, 26-34.	2.0	36

#	ARTICLE	IF	CITATIONS
6358	Performance of semi-automated hippocampal subfield segmentation methods across ages in a pediatric sample. <i>NeuroImage</i> , 2019, 191, 49-67.	2.1	10
6359	Multi-atlas tool for automated segmentation of brain gray matter nuclei and quantification of their magnetic susceptibility. <i>NeuroImage</i> , 2019, 191, 337-349.	2.1	54
6360	The emergence of long-range language network structural covariance and language abilities. <i>NeuroImage</i> , 2019, 191, 36-48.	2.1	19
6361	Prenatal lead exposure impacts cross-hemispheric and long-range connectivity in the human fetal brain. <i>NeuroImage</i> , 2019, 191, 186-192.	2.1	57
6362	Polygenic impact of common genetic risk loci for Alzheimer's disease on cerebral blood flow in young individuals. <i>Scientific Reports</i> , 2019, 9, 467.	1.6	19
6363	Effectiveness of imaging genetics analysis to explain degree of depression in Parkinson's disease. <i>PLoS ONE</i> , 2019, 14, e0211699.	1.1	7
6364	Dynamic cognitive remediation for a Traumatic Brain Injury (TBI) significantly improves attention, working memory, processing speed, and reading fluency. <i>Restorative Neurology and Neuroscience</i> , 2019, 37, 71-86.	0.4	8
6365	Whole-brain structural magnetic resonance imaging-based classification of primary dysmenorrhea in pain-free phase: a machine learning study. <i>Pain</i> , 2019, 160, 734-741.	2.0	18
6366	A Machine Learning Approach for Classifying Ischemic Stroke Onset Time From Imaging. <i>IEEE Transactions on Medical Imaging</i> , 2019, 38, 1666-1676.	5.4	71
6367	Parallel distributed networks resolved at high resolution reveal close juxtaposition of distinct regions. <i>Journal of Neurophysiology</i> , 2019, 121, 1513-1534.	0.9	113
6368	Altered glutamatergic response and functional connectivity in treatment resistant schizophrenia: the effect of riluzole and therapeutic implications. <i>Psychopharmacology</i> , 2019, 236, 1985-1997.	1.5	35
6369	IMAge/enGINE: a freely available software for rapid computation of high-dimensional quantification. <i>Quantitative Imaging in Medicine and Surgery</i> , 2019, 9, 210-218.	1.1	24
6370	Evaluation of Functional Decline in Alzheimer's Dementia Using 3D Deep Learning and Group ICA for rs-fMRI Measurements. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 8.	1.7	29
6371	Neural responses to children's faces: Test-retest reliability of structural and functional MRI. <i>Brain and Behavior</i> , 2019, 9, e01192.	1.0	5
6372	Associations of amygdala volume and shape with transactive response DNA-binding protein 43 (TDP-43) pathology in a community cohort of older adults. <i>Neurobiology of Aging</i> , 2019, 77, 104-111.	1.5	27
6373	Age-related alterations in axonal microstructure in the corpus callosum measured by high-gradient diffusion MRI. <i>NeuroImage</i> , 2019, 191, 325-336.	2.1	55
6374	Formant Space Reconstruction From Brain Activity in Frontal and Temporal Regions Coding for Heard Vowels. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 32.	1.0	2
6375	Converging measures of neural change at the microstructural, informational, and cortical network levels in the hippocampus during the learning of the structure of organic compounds. <i>Brain Structure and Function</i> , 2019, 224, 1345-1357.	1.2	7

#	ARTICLE	IF	CITATIONS
6376	Task difficulty modulates age-related differences in the behavioral and neural bases of language production. <i>Neuropsychologia</i> , 2019, 124, 254-273.	0.7	21
6377	Subcortical electrophysiological activity is detectable with high-density EEG source imaging. <i>Nature Communications</i> , 2019, 10, 753.	5.8	174
6378	Strong "Weak Pruning for Brain Network Identification in Connectome-Wide Neuroimaging: Application to Amyotrophic Lateral Sclerosis Disease Stage Characterization. <i>International Journal of Neural Systems</i> , 2019, 29, 1950007.	3.2	7
6379	Sino Longitudinal Study on Cognitive Decline (SILCODE): protocol for a Chinese longitudinal observational study to develop risk prediction models of conversion to mild cognitive impairment in individuals with subjective cognitive decline. <i>BMJ Open</i> , 2019, 9, e028188.	0.8	62
6380	Comparison of Brain Networks Based on Predictive Models of Connectivity. , 2019, , .		2
6381	Motor learning by cross education in Hemi-Parkinson: a neuroimaging feasibility study of the effects of virtual mirrored sensory feedback. , 2019, , .		0
6382	Automatic arteriovenous separation of brain via TOF-MRA and MR-T1. , 2019, , .		0
6383	Imaging G-Ratio in Multiple Sclerosis Using High-Gradient Diffusion MRI and Macromolecular Tissue Volume. <i>American Journal of Neuroradiology</i> , 2019, 40, 1871-1877.	1.2	30
6384	Monitoring the health of transitioning professional footballers: protocol of an observational prospective cohort study. <i>BMJ Open Sport and Exercise Medicine</i> , 2019, 5, e000680.	1.4	5
6385	16 Intraoperative Research during Deep Brain Stimulation Surgery. , 2019, , .		0
6386	BDNF Val66Met Positive Players Demonstrate Diffusion Tensor Imaging Consistent With Impaired Myelination Associated With High Levels of Soccer Heading: Indication of a Potential Gene-Environment Interaction Mechanism. <i>Frontiers in Neurology</i> , 2019, 10, 1297.	1.1	5
6387	Inferring Human Brain Structural Connectivity Based on Neural Networks. , 2019, , .		1
6388	Randomised controlled clinical trial of a structured cognitive rehabilitation in patients with attention deficit following mild traumatic brain injury: study protocol. <i>BMJ Open</i> , 2019, 9, e028711.	0.8	1
6389	Microstructural white matter changes preceding white matter hyperintensities in migraine. <i>Neurology</i> , 2019, 93, e688-e694.	1.5	15
6390	Pediatric postoperative cerebellar cognitive affective syndrome follows outflow pathway lesions. <i>Neurology</i> , 2019, 93, e1561-e1571.	1.5	55
6391	Using Deep Convolutional Neural Network for Mouse Brain Segmentation in DT-MRI. , 2019, , .		2
6392	Ant Colony Clustering for ROI Identification in Functional Magnetic Resonance Imaging. <i>Computational Intelligence and Neuroscience</i> , 2019, 2019, 1-9.	1.1	2
6393	Neural Representation of Parental Monitoring and Links to Adolescent Risk Taking. <i>Frontiers in Neuroscience</i> , 2019, 13, 1286.	1.4	4

#	ARTICLE	IF	CITATIONS
6394	Functional Localization of the Frontal Eye Fields in the Common Marmoset Using Microstimulation. <i>Journal of Neuroscience</i> , 2019, 39, 9197-9206.	1.7	41
6395	Regional brain atrophy in gray and white matter is associated with cognitive impairment in Myotonic Dystrophy type 1. <i>NeuroImage: Clinical</i> , 2019, 24, 102078.	1.4	24
6396	Optic Radiation Tractography in Pediatric Brain Surgery Applications: A Reliability and Agreement Assessment of the Tractography Method. <i>Frontiers in Neuroscience</i> , 2019, 13, 1254.	1.4	9
6397	Oscillation-specific nodal alterations in early to middle stages Parkinson's disease. <i>Translational Neurodegeneration</i> , 2019, 8, 36.	3.6	11
6398	Intrinsic Frontolimbic Connectivity and Mood Symptoms in Young Adult Cannabis Users. <i>Frontiers in Public Health</i> , 2019, 7, 311.	1.3	12
6399	Transient effect of melatonin treatment after neonatal hypoxic-ischemic brain injury in rats. <i>PLoS ONE</i> , 2019, 14, e0225788.	1.1	10
6400	P.328 Exploring the correlation between functioning and cognition in bipolar disorder: A fMRI study using the n-back working memory task. <i>European Neuropsychopharmacology</i> , 2019, 29, S234-S235.	0.3	0
6401	Resting State BOLD Variability Is Linked to White Matter Vascular Burden in Healthy Aging but Not in Older Adults With Subjective Cognitive Decline. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 429.	1.0	14
6402	Volumetric and microstructural regional changes of the hippocampus underlying development of recall performance after extended retention intervals. <i>Developmental Cognitive Neuroscience</i> , 2019, 40, 100723.	1.9	13
6403	Perceiving your hand moving: BOLD suppression in sensory cortices and the role of the cerebellum in the detection of feedback delays. <i>Journal of Vision</i> , 2019, 19, 4.	0.1	19
6404	Decoupling the Effects of the Amyloid Precursor Protein From Amyloid- β Plaques on Axonal Transport Dynamics in the Living Brain. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 501.	1.8	6
6405	Corticostriatal Hyperactivation to Reward Presentation in Individuals With TBI With High Depressive Symptomatology: A Pilot Study. <i>Journal of Head Trauma Rehabilitation</i> , 2019, 34, E19-E28.	1.0	3
6406	Diagnostic Approach to Traumatic Axonal Injury of the Spinothalamic Tract in Individual Patients with Mild Traumatic Brain Injury. <i>Diagnostics</i> , 2019, 9, 199.	1.3	9
6407	Temporal Dynamics of Diffusion Metrics in Early Multiple Sclerosis and Clinically Isolated Syndrome: A 2-Year Follow-Up Tract-Based Spatial Statistics Study. <i>Frontiers in Neurology</i> , 2019, 10, 1165.	1.1	17
6408	Neurodevelopmental shifts in learned value transfer on cognitive control during adolescence. <i>Developmental Cognitive Neuroscience</i> , 2019, 40, 100730.	1.9	11
6409	2D in-vivo L-COSY spectroscopy identifies neurometabolite alterations in treated multiple sclerosis. <i>Therapeutic Advances in Neurological Disorders</i> , 2019, 12, 175628641987708.	1.5	8
6410	Volume estimation of the brain, white matter, and gray matter using FreeSurfer and FSL: consistency between methods. <i>Research on Biomedical Engineering</i> , 2019, 35, 257-263.	1.5	0
6411	Selective microstructural integrity impairments of the anterior corpus callosum are associated with cognitive deficits in obstructive sleep apnea. <i>Brain and Behavior</i> , 2019, 9, e01482.	1.0	17

#	ARTICLE	IF	CITATIONS
6412	Headache due to spinothalamic tract injury in patients with mild traumatic brain injury. <i>Medicine (United States)</i> , 2019, 98, e14306.	0.4	5
6413	The Impact of Echo Time Shifts and Temporal Signal Fluctuations on BOLD Sensitivity in Presurgical Planning at 7 T. <i>Investigative Radiology</i> , 2019, 54, 340-348.	3.5	3
6414	Multimodal MRI of grey matter, white matter, and functional connectivity in cognitively healthy mutation carriers at risk for frontotemporal dementia and Alzheimer's disease. <i>BMC Neurology</i> , 2019, 19, 343.	0.8	10
6415	Altered structural connectivity associated with motor improvement in chronic supratentorial ischemic stroke. <i>NeuroReport</i> , 2019, 30, 688-693.	0.6	3
6416	Sedentary Time and White Matter Hyperintensity Volume in Older Adults. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 1613-1618.	0.2	22
6417	Brain Tissue Segmentation Integrating Multi-level Features. , 2019, , .		1
6418	Differences in corpus callosum injury between cerebral concussion and diffuse axonal injury. <i>Medicine (United States)</i> , 2019, 98, e17467.	0.4	13
6419	Effects of Chaihu-Shugan-San capsule for psychogenic erectile dysfunction. <i>Medicine (United States)</i> , 2019, 98, e17925.	0.4	4
6420	Voxel-based morphometry reveals regional reductions of gray matter volume in school-aged children with short-term type 1 diabetes mellitus. <i>NeuroReport</i> , 2019, 30, 516-521.	0.6	7
6421	Pediatric Brain Tissue Segmentation from MRI using Clustering: a Preliminary Study. , 2019, 2019, 6557-6560.		0
6422	Blue light activates pulvinar nuclei in longstanding idiopathic photophobia: A case report. <i>NeuroImage: Clinical</i> , 2019, 24, 102096.	1.4	7
6423	Mindfulness video game improves connectivity of the fronto-parietal attentional network in adolescents: A multi-modal imaging study. <i>Scientific Reports</i> , 2019, 9, 18667.	1.6	8
6424	Altered Brain Structure and Functional Connectivity and Its Relation to Pain Perception in Girls With Irritable Bowel Syndrome. <i>Psychosomatic Medicine</i> , 2019, 81, 146-154.	1.3	35
6425	P.329 Anhedonia in major depressive disorder: the role of neurocognitive profiles. <i>European Neuropsychopharmacology</i> , 2019, 29, S235-S236.	0.3	0
6426	A Preliminary High-Definition Fiber Tracking Study of the Executive Control Network in Blast-Induced Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2019, 36, 686-701.	1.7	10
6427	Neuroimaging correlates of lateral postural control in older ambulatory adults. <i>Aging Clinical and Experimental Research</i> , 2019, 31, 611-619.	1.4	7
6428	Effects of Adjuvant Chemotherapy on Cognitive Function of Patients With Early-stage Colorectal Cancer. <i>Clinical Colorectal Cancer</i> , 2019, 18, 19-27.	1.0	26
6429	Nuisance effects and the limitations of nuisance regression in dynamic functional connectivity fMRI. <i>NeuroImage</i> , 2019, 184, 1005-1031.	2.1	24

#	ARTICLE	IF	CITATIONS
6430	Attenuated Post-Movement Beta Rebound Associated With Schizotypal Features in Healthy People. <i>Schizophrenia Bulletin</i> , 2019, 45, 883-891.	2.3	19
6431	Localising memory retrieval and syntactic composition: an fMRI study of naturalistic language comprehension. <i>Language, Cognition and Neuroscience</i> , 2019, 34, 491-510.	0.7	36
6432	Intratumoral Heterogeneity of Glioblastoma Infiltration Revealed by Joint Histogram Analysis of Diffusion Tensor Imaging. <i>Neurosurgery</i> , 2019, 85, 524-534.	0.6	29
6433	Multicenter Measurements of T ₁ Relaxation and Diffusion Tensor Imaging: Intra and Intersite Reproducibility. <i>Journal of Neuroimaging</i> , 2019, 29, 42-51.	1.0	19
6434	A face is more than just the eyes, nose, and mouth: fMRI evidence that face-selective cortex represents external features. <i>NeuroImage</i> , 2019, 184, 90-100.	2.1	17
6435	Multimodal Structural Neuroimaging Markers of Brain Development and ADHD Symptoms. <i>American Journal of Psychiatry</i> , 2019, 176, 57-66.	4.0	30
6436	A resting state fMRI analysis pipeline for pooling inference across diverse cohorts: an ENIGMA rs-fMRI protocol. <i>Brain Imaging and Behavior</i> , 2019, 13, 1453-1467.	1.1	49
6437	Distinct Patterns of Atypical Functional Connectivity in Lower-Functioning Autism. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 251-259.	1.1	20
6438	Measurement of Sylvian Fissure asymmetry and occipital bending in humans and Pan troglodytes. <i>NeuroImage</i> , 2019, 184, 855-870.	2.1	20
6439	Widespread white-matter microstructure integrity reduction in first-episode schizophrenia patients after acute antipsychotic treatment. <i>Schizophrenia Research</i> , 2019, 204, 238-244.	1.1	34
6440	Brain structural basis of individual variability in dream recall frequency. <i>Brain Imaging and Behavior</i> , 2019, 13, 1474-1485.	1.1	0
6441	The effects of breastfeeding versus formula-feeding on cerebral cortex maturation in infant rhesus macaques. <i>NeuroImage</i> , 2019, 184, 372-385.	2.1	27
6442	Investigating a novel fMRI cannabis cue reactivity task in youth. <i>Addictive Behaviors</i> , 2019, 89, 20-28.	1.7	33
6443	Decreased white matter fractional anisotropy is associated with poorer functional motor skills following spinal cord injury: a pilot study. <i>Spinal Cord</i> , 2019, 57, 206-213.	0.9	8
6444	fMRI evidence of aberrant neural adaptation for objects in schizophrenia and bipolar disorder. <i>Human Brain Mapping</i> , 2019, 40, 1608-1617.	1.9	28
6445	An Integrated Analysis of Neural Network Correlates of Categorical and Dimensional Models of Attention-Deficit/Hyperactivity Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 472-483.	1.1	16
6446	White matter and its relationship with cognition in subjective cognitive decline. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019, 11, 28-35.	1.2	30
6447	The effect of motion correction interpolation on quantitative T1 mapping with MRI. <i>Medical Image Analysis</i> , 2019, 52, 119-127.	7.0	8

#	ARTICLE	IF	CITATIONS
6448	A neural substrate of early response capture during conflict tasks in sensory areas. <i>Neuropsychologia</i> , 2019, 124, 226-235.	0.7	2
6449	Early Diagnosis of Spastic Cerebral Palsy in Infants with Periventricular White Matter Injury Using Diffusion Tensor Imaging. <i>American Journal of Neuroradiology</i> , 2019, 40, 162-168.	1.2	23
6450	The relationship between flow proneness in everyday life and variations in the volume of gray matter in the dopaminergic system: A cross-sectional study. <i>Personality and Individual Differences</i> , 2019, 141, 25-30.	1.6	9
6451	The use of diffusion tractography to characterize a corpus callosum malformation in a dog. <i>Journal of Veterinary Internal Medicine</i> , 2019, 33, 743-750.	0.6	5
6452	A Single Session of Robot-Controlled Proprioceptive Training Modulates Functional Connectivity of Sensory Motor Networks and Improves Reaching Accuracy in Chronic Stroke. <i>Neurorehabilitation and Neural Repair</i> , 2019, 33, 70-81.	1.4	28
6453	Concurrent analysis of white matter bundles and grey matter networks in the chimpanzee. <i>Brain Structure and Function</i> , 2019, 224, 1021-1033.	1.2	21
6454	Low-dose intranasal oxytocin delivered with Breath Powered device modulates pupil diameter and amygdala activity: a randomized controlled pupillometry and fMRI study. <i>Neuropsychopharmacology</i> , 2019, 44, 306-313.	2.8	23
6455	Test-Retest Reliability of Graph Theoretic Metrics in Adolescent Brains. <i>Brain Connectivity</i> , 2019, 9, 144-154.	0.8	24
6456	Computer-aided detection of mesial temporal sclerosis based on hippocampus and cerebrospinal fluid features in MR images. <i>Biocybernetics and Biomedical Engineering</i> , 2019, 39, 122-132.	3.3	5
6457	Reward and executive control network resting-state functional connectivity is associated with impulsivity during reward-based decision making for cocaine users. <i>Drug and Alcohol Dependence</i> , 2019, 194, 32-39.	1.6	47
6458	Optimising neonatal fMRI data analysis: Design and validation of an extended dHCP preprocessing pipeline to characterise noxious-evoked brain activity in infants. <i>NeuroImage</i> , 2019, 186, 286-300.	2.1	22
6459	Toward a complete taxonomy of resting state networks across wakefulness and sleep: an assessment of spatially distinct resting state networks using independent component analysis. <i>Sleep</i> , 2019, 42, .	0.6	14
6460	Hippocampal signatures of awake-targeted memory reactivation. <i>Brain Structure and Function</i> , 2019, 224, 713-726.	1.2	16
6461	Variations in Hippocampal White Matter Diffusivity Differentiate Response to Electroconvulsive Therapy in Major Depression. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 300-309.	1.1	17
6462	Proactive and reactive cognitive control rely on flexible use of the ventrolateral prefrontal cortex. <i>Human Brain Mapping</i> , 2019, 40, 955-966.	1.9	30
6463	Intrinsic functional clustering of anterior cingulate cortex in the common marmoset. <i>NeuroImage</i> , 2019, 186, 301-307.	2.1	25
6464	Simultaneous B1 and T1 mapping using spiral multislice variable flip angle acquisitions for whole-brain coverage in less than one minute. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 1876-1889.	1.9	6
6465	Longitudinal decreases in suicidal ideation are associated with increases in salience network coherence in depressed adolescents. <i>Journal of Affective Disorders</i> , 2019, 245, 545-552.	2.0	35

#	ARTICLE	IF	CITATIONS
6466	Neuroanatomical features and its usefulness in classification of patients with PANDAS. <i>CNS Spectrums</i> , 2019, 24, 533-543.	0.7	8
6467	Affective temperaments are associated with the white matter microstructure in healthy participants. <i>Bipolar Disorders</i> , 2019, 21, 539-546.	1.1	3
6468	Mapping whole brain connectivity changes: The potential impact of different surgical resection approaches for temporal lobe epilepsy. <i>Cortex</i> , 2019, 113, 1-14.	1.1	8
6469	Imaging functional motor connectivity in hemiparetic children with perinatal stroke. <i>Human Brain Mapping</i> , 2019, 40, 1632-1642.	1.9	29
6470	Linking spherical mean diffusion weighted signal with intra-axonal volume fraction. <i>Magnetic Resonance Imaging</i> , 2019, 57, 75-82.	1.0	4
6471	Resting-state functional connectivity after concussion is associated with clinical recovery. <i>Human Brain Mapping</i> , 2019, 40, 1211-1220.	1.9	41
6472	Brain activity in struggling readers before intervention relates to future reading gains. <i>Cortex</i> , 2019, 111, 286-302.	1.1	22
6473	Relation between the electric field and activation of cortical neurons in transcranial electrical stimulation. <i>Brain Stimulation</i> , 2019, 12, 275-289.	0.7	37
6474	Structural correlates of cognitive impairment in normal pressure hydrocephalus. <i>Acta Neurologica Scandinavica</i> , 2019, 139, 305-312.	1.0	23
6475	Is Human Auditory Cortex Organization Compatible With the Monkey Model? Contrary Evidence From Ultra-High-Field Functional and Structural MRI. <i>Cerebral Cortex</i> , 2019, 29, 410-428.	1.6	16
6476	Age-related differences in default-mode network connectivity in response to intermittent theta-burst stimulation and its relationships with maintained cognition and brain integrity in healthy aging. <i>NeuroImage</i> , 2019, 188, 794-806.	2.1	47
6477	Large-scale brain functional network topology disruptions underlie symptom heterogeneity in children with attention-deficit/hyperactivity disorder. <i>NeuroImage: Clinical</i> , 2019, 21, 101600.	1.4	61
6478	Interactions between gut permeability and brain structure and function in health and irritable bowel syndrome. <i>NeuroImage: Clinical</i> , 2019, 21, 101602.	1.4	31
6479	Brain grey matter volume reduction and anxiety-like behavior in lipopolysaccharide-induced chronic pulmonary inflammation rats: A structural MRI study with histological validation. <i>Brain, Behavior, and Immunity</i> , 2019, 76, 182-197.	2.0	8
6480	Brain Structure and Function in School-Aged Children With Sluggish Cognitive Tempo Symptoms. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2019, 58, 256-266.	0.3	17
6481	Supplementary motor area connectivity and dual-task walking variability in multiple sclerosis. <i>Journal of the Neurological Sciences</i> , 2019, 396, 159-164.	0.3	14
6482	Comparison of NODDI and spherical mean signal for measuring intra-neurite volume fraction. <i>Magnetic Resonance Imaging</i> , 2019, 57, 151-155.	1.0	3
6483	Human Scene-Selective Areas Represent 3D Configurations of Surfaces. <i>Neuron</i> , 2019, 101, 178-192.e7.	3.8	88

#	ARTICLE	IF	CITATIONS
6484	The cortical face network of the prosopagnosic patient PS with fast periodic stimulation in fMRI. <i>Cortex</i> , 2019, 119, 528-542.	1.1	16
6485	Pharmacological stress impairs working memory performance and attenuates dorsolateral prefrontal cortex glutamate modulation. <i>NeuroImage</i> , 2019, 186, 437-445.	2.1	29
6486	Visual Simultaneity Judgments Activate a Bilateral Frontoparietal Timing System. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 431-441.	1.1	3
6487	A population-based atlas of the human pyramidal tract in 410 healthy participants. <i>Brain Structure and Function</i> , 2019, 224, 599-612.	1.2	48
6488	Simultaneous PET-MR-EEG: Technology, Challenges and Application in Clinical Neuroscience. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2019, 3, 377-385.	2.7	9
6489	Functional brain networks and neuroanatomy underpinning nausea severity can predict nausea susceptibility using machine learning. <i>Journal of Physiology</i> , 2019, 597, 1517-1529.	1.3	14
6490	Aberrations of anterior insular cortex functional connectivity in nontreatment-seeking alcoholics. <i>Psychiatry Research - Neuroimaging</i> , 2019, 284, 21-28.	0.9	25
6491	Shared and differential default-mode related patterns of activity in an autobiographical, a self-referential and an attentional task. <i>PLoS ONE</i> , 2019, 14, e0209376.	1.1	17
6492	Anatomical predictors of successful prism adaptation in chronic visual neglect. <i>Cortex</i> , 2019, 120, 629-641.	1.1	36
6493	Hemispheric Module-Specific Influence of the X Chromosome on White Matter Connectivity: Evidence from Girls with Turner Syndrome. <i>Cerebral Cortex</i> , 2019, 29, 4580-4594.	1.6	12
6494	Reconstructing imagined letters from early visual cortex reveals tight topographic correspondence between visual mental imagery and perception. <i>Brain Structure and Function</i> , 2019, 224, 1167-1183.	1.2	33
6495	Anatomical connectivity changes in bipolar disorder and schizophrenia investigated using whole-brain tract-based spatial statistics and machine learning approaches. <i>Neural Computing and Applications</i> , 2019, 31, 4983-4992.	3.2	7
6496	Effects of mild traumatic brain injury and post-traumatic stress disorder on resting-state default mode network connectivity. <i>Brain Research</i> , 2019, 1711, 77-82.	1.1	18
6497	Brain functional development separates into three distinct time periods in the first two years of life. <i>NeuroImage</i> , 2019, 189, 715-726.	2.1	19
6498	Structural Thalamofrontal Hypoconnectivity Is Related to Oculomotor Corollary Discharge Dysfunction in Schizophrenia. <i>Journal of Neuroscience</i> , 2019, 39, 2102-2113.	1.7	15
6499	Structural and Functional Abnormalities of the Primary Somatosensory Cortex in Diabetic Peripheral Neuropathy: A Multimodal MRI Study. <i>Diabetes</i> , 2019, 68, 796-806.	0.3	63
6500	Assessing the burden of vascular risk factors on brain atrophy in multiple sclerosis: A case-control MRI study. <i>Multiple Sclerosis and Related Disorders</i> , 2019, 27, 74-78.	0.9	20
6501	Lack of consistent sex differences in d-amphetamine-induced dopamine release measured with [18F]fallypride PET. <i>Psychopharmacology</i> , 2019, 236, 581-590.	1.5	20

#	ARTICLE	IF	CITATIONS
6502	Echo timeâ€range effects on gradientâ€echo based myelin water fraction mapping at 3T. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 2799-2807.	1.9	9
6503	The brain-structural correlates of mathematical expertise. <i>Cortex</i> , 2019, 114, 140-150.	1.1	18
6504	Brain state and polarity dependent modulation of brain networks by transcranial direct current stimulation. <i>Human Brain Mapping</i> , 2019, 40, 904-915.	1.9	108
6505	Cognitive enhancement with Salience Network electrical stimulation is influenced by network structural connectivity. <i>NeuroImage</i> , 2019, 185, 425-433.	2.1	30
6506	Diffusion Magnetic Resonance Imaging Unveils the Spatiotemporal Microstructural Gray Matter Changes following Injury in the Rodent Brain. <i>Journal of Neurotrauma</i> , 2019, 36, 1306-1317.	1.7	15
6507	Reproducibility and intercorrelation of graph theoretical measures in structural brain connectivity networks. <i>Medical Image Analysis</i> , 2019, 52, 56-67.	7.0	57
6508	Altered lateralization of dorsal language tracts in 6â€weekâ€old infants at risk for autism. <i>Developmental Science</i> , 2019, 22, e12768.	1.3	30
6509	Atypical longitudinal development of functional connectivity in adolescents with autism spectrum disorder. <i>Autism Research</i> , 2019, 12, 53-65.	2.1	44
6510	Automatic brain labeling via multi-atlas guided fully convolutional networks. <i>Medical Image Analysis</i> , 2019, 51, 157-168.	7.0	27
6511	Connectome-based models predict attentional control in aging adults. <i>NeuroImage</i> , 2019, 186, 1-13.	2.1	46
6512	Quantifying the axonal pathways directly stimulated in therapeutic subcallosal cingulate deep brain stimulation. <i>Human Brain Mapping</i> , 2019, 40, 889-903.	1.9	49
6513	Intrinsic neurocognitive network connectivity differences between normal aging and mild cognitive impairment are associated with cognitive status and age. <i>Neurobiology of Aging</i> , 2019, 73, 219-228.	1.5	28
6514	Normal diffusivity of the domestic feline brain. <i>Journal of Comparative Neurology</i> , 2019, 527, 1012-1023.	0.9	3
6515	General psychopathology factor and unresolved-disorganized attachment uniquely correlated to white matter integrity using diffusion tensor imaging. <i>Behavioural Brain Research</i> , 2019, 359, 1-8.	1.2	25
6516	Using GPUs to accelerate computational diffusion MRI: From microstructure estimation to tractography and connectomes. <i>NeuroImage</i> , 2019, 188, 598-615.	2.1	107
6517	Disrupted Resting-State Functional Connectivity in Hippocampal Subregions After Sleep Deprivation. <i>Neuroscience</i> , 2019, 398, 37-54.	1.1	21
6518	Efficient diffeomorphic metric image registration via stationary velocity. <i>Journal of Computational Science</i> , 2019, 30, 90-97.	1.5	2
6519	Large-scale comparative neuroimaging: Where are we and what do we need?. <i>Cortex</i> , 2019, 118, 188-202.	1.1	47

#	ARTICLE	IF	CITATIONS
6520	Accuracy of diffusion-weighted imaging-magnetic resonance in differentiating functional from non-functional pituitary macro-adenoma and classification of tumor consistency. <i>Neuroradiology Journal</i> , 2019, 32, 74-85.	0.6	16
6521	Intrinsic Functional Boundaries of Lateral Frontal Cortex in the Common Marmoset Monkey. <i>Journal of Neuroscience</i> , 2019, 39, 1020-1029.	1.7	26
6522	Altered structural connectivity of the motor subnetwork in multiple system atrophy with cerebellar features. <i>European Radiology</i> , 2019, 29, 2783-2791.	2.3	8
6523	Automatic Thalamus Segmentation on Unenhanced 3D T1 Weighted Images: Comparison of Publicly Available Segmentation Methods in a Pediatric Population. <i>Neuroinformatics</i> , 2019, 17, 443-450.	1.5	9
6524	Effects of sartans and low-dose statins on cerebral white matter hyperintensities and cognitive function in older patients with hypertension: a randomized, double-blind and placebo-controlled clinical trial. <i>Hypertension Research</i> , 2019, 42, 717-729.	1.5	41
6525	Objective and subjective measures of prior sleep-wake behavior predict functional connectivity in the default mode network during NREM sleep. <i>Brain and Behavior</i> , 2019, 9, e01172.	1.0	5
6526	Gadoterate Meglumine Administration in Multiple Sclerosis has no Effect on the Dentate Nucleus and the Globus Pallidus Signal Intensities. <i>Academic Radiology</i> , 2019, 26, e284-e291.	1.3	5
6527	Dynamic Threat Processing. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 522-542.	1.1	33
6528	Structural and cognitive correlates of fatigue in progressive multiple sclerosis. <i>Neurological Research</i> , 2019, 41, 168-176.	0.6	14
6529	Age-related differences in the neural bases of phonological and semantic processes in the context of task-irrelevant information. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2019, 19, 829-844.	1.0	12
6530	3D Auto-Context-Based Locality Adaptive Multi-Modality GANs for PET Synthesis. <i>IEEE Transactions on Medical Imaging</i> , 2019, 38, 1328-1339.	5.4	137
6531	Brain Atrophy in Natalizumab-treated Patients with Multiple Sclerosis: A 5-year Retrospective Study. <i>Journal of Neuroimaging</i> , 2019, 29, 190-192.	1.0	7
6532	White matter differences between essential tremor and Parkinson disease. <i>Neurology</i> , 2019, 92, e30-e39.	1.5	32
6533	Functional connectivity of PAG with core limbic system and laryngeal cortico-motor structures during human phonation. <i>Brain Research</i> , 2019, 1707, 184-189.	1.1	4
6534	Resting state functional connectivity and neural correlates of face-name encoding in patients with ischemic vascular lesions with and without the involvement of the left inferior frontal gyrus. <i>Cortex</i> , 2019, 113, 15-28.	1.1	10
6535	Isotropically weighted intravoxel incoherent motion brain imaging at 7T. <i>Magnetic Resonance Imaging</i> , 2019, 57, 124-132.	1.0	9
6536	Distribution of brain iron accrual in adolescence: Evidence from cross-sectional and longitudinal analysis. <i>Human Brain Mapping</i> , 2019, 40, 1480-1495.	1.9	33
6537	Intuitionistic Center-Free FCM Clustering for MR Brain Image Segmentation. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2019, 23, 2039-2051.	3.9	42

#	ARTICLE	IF	CITATIONS
6538	Facial expressiveness and physiological arousal in frontotemporal dementia: Phenotypic clinical profiles and neural correlates. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2019, 19, 197-210.	1.0	42
6539	The spinal and cerebral profile of adult spinal-muscular atrophy: A multimodal imaging study. <i>NeuroImage: Clinical</i> , 2019, 21, 101618.	1.4	54
6540	Spatial parcellations, spectral filtering, and connectivity measures in fMRI: Optimizing for discrimination. <i>Human Brain Mapping</i> , 2019, 40, 407-419.	1.9	32
6541	Diffusion tensor imaging of white matter in patients with prediabetes by trace-based spatial statistics. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 1105-1112.	1.9	12
6542	Neonate and infant brain development from birth to 2 years assessed using MRI-based quantitative susceptibility mapping. <i>NeuroImage</i> , 2019, 185, 349-360.	2.1	36
6543	Heritability of Gray Matter Structural Covariation and Tool Use Skills in Chimpanzees (Pan) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 29, 3702-3711.	1.6	22
6544	Early breast milk exposure modifies brain connectivity in preterm infants. <i>NeuroImage</i> , 2019, 184, 431-439.	2.1	90
6545	Human Connectome Project-style resting-state functional MRI at 7 Tesla using radiofrequency parallel transmission. <i>NeuroImage</i> , 2019, 184, 396-408.	2.1	22
6546	Food or money? Children's brains respond differently to rewards regardless of weight status. <i>Pediatric Obesity</i> , 2019, 14, e12469.	1.4	16
6547	The role of the arcuate and middle longitudinal fasciculi in speech perception in noise in adulthood. <i>Human Brain Mapping</i> , 2019, 40, 226-241.	1.9	19
6548	Evaluation of Normal-appearing White Matter in Multiple Sclerosis Using Direct Visualization of Short Transverse Relaxation Time Component (ViSta) Myelin Water Imaging and Gradient Echo and Spin Echo (GRASE) Myelin Water Imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 1091-1098.	1.9	21
6549	Dynamic per slice shimming for simultaneous brain and spinal cord fMRI. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 825-838.	1.9	38
6550	Probabilistic TFCE: A generalized combination of cluster size and voxel intensity to increase statistical power. <i>NeuroImage</i> , 2019, 185, 12-26.	2.1	71
6551	Direct neurophysiological evidence for a role of the human anterior cingulate cortex in central command. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2019, 216, 51-58.	1.4	15
6552	Disentangling common from specific processing across tasks using task potency. <i>NeuroImage</i> , 2019, 184, 632-645.	2.1	13
6553	Estimating and accounting for the effect of MRI scanner changes on longitudinal whole-brain volume change measurements. <i>NeuroImage</i> , 2019, 184, 555-565.	2.1	45
6554	Glioma grade classification using wavelet transform-local binary pattern based statistical texture features and geometric measures extracted from MRI. <i>Journal of Experimental and Theoretical Artificial Intelligence</i> , 2019, 31, 57-76.	1.8	12
6555	Diffusion tensor imaging and quantitative susceptibility mapping as diagnostic tools for motor neuron disorders. <i>Clinical Imaging</i> , 2019, 53, 6-11.	0.8	15

#	ARTICLE	IF	CITATIONS
6556	How to control for confounds in decoding analyses of neuroimaging data. <i>NeuroImage</i> , 2019, 184, 741-760.	2.1	94
6557	Functional neuroimaging of associative learning and generalization in specific phobia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 89, 275-285.	2.5	18
6558	White matter connectivity reductions in the pre-clinical continuum of psychosis: A connectome study. <i>Human Brain Mapping</i> , 2019, 40, 529-537.	1.9	19
6559	Synergistic effects of marijuana abuse and HIV infection on neural activation during a cognitive interference task. <i>Addiction Biology</i> , 2019, 24, 1235-1244.	1.4	16
6560	Radiomics Analysis of DTI Data to Assess Vision Outcome After Intravenous Methylprednisolone Therapy in Neuromyelitis Optic Neuritis. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 1365-1373.	1.9	18
6561	Autism spectrum disorders: Unbiased functional connectomics provide new insights into a multifaceted neurodevelopmental disorder. , 2019, , 1-25.		0
6562	Decreased cingulo-opercular network functional connectivity mediates the impact of aging on visual processing speed. <i>Neurobiology of Aging</i> , 2019, 73, 50-60.	1.5	40
6563	Automated quality control for within and between studies diffusion MRI data using a non-parametric framework for movement and distortion correction. <i>NeuroImage</i> , 2019, 184, 801-812.	2.1	197
6564	Early Developmental Trajectories of Functional Connectivity Along the Visual Pathways in Rhesus Monkeys. <i>Cerebral Cortex</i> , 2019, 29, 3514-3526.	1.6	14
6565	Hippocampal Shape Maturation in Childhood and Adolescence. <i>Cerebral Cortex</i> , 2019, 29, 3651-3665.	1.6	23
6566	Structural covariance across the lifespan: Brain development and aging through the lens of inter-network relationships. <i>Human Brain Mapping</i> , 2019, 40, 125-136.	1.9	24
6567	The effects of childhood maltreatment on brain structure in adults with eating disorders. <i>World Journal of Biological Psychiatry</i> , 2019, 20, 301-309.	1.3	31
6568	Orbitofrontal gray matter deficits as marker of Internet gaming disorder: converging evidence from a cross-sectional and prospective longitudinal design. <i>Addiction Biology</i> , 2019, 24, 100-109.	1.4	47
6569	Grasping with a new hand: Improved performance and normalized grasp-selective brain responses despite persistent functional changes in primary motor cortex and low-level sensory and motor impairments. <i>NeuroImage</i> , 2019, 190, 275-288.	2.1	11
6570	The impact of vascular risk factors on brain volume and lesion load in patients with early multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2019, 25, 48-54.	1.4	16
6571	Calcium channel blockade with nimodipine reverses MRI evidence of cerebral oedema following acute hypoxia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 285-301.	2.4	13
6572	Decreased structural connectivity and resting-state brain activity in the lateral occipital cortex is associated with social communication deficits in boys with autism spectrum disorder. <i>NeuroImage</i> , 2019, 190, 205-212.	2.1	54
6573	Differential neural activation when voluntarily regulating emotions in service members with chronic mild traumatic brain injury. <i>Applied Neuropsychology Adult</i> , 2019, 26, 76-88.	0.7	9

#	ARTICLE	IF	CITATIONS
6574	Longitudinal optical coherence tomography study of optic atrophy in secondary progressive multiple sclerosis: Results from a clinical trial cohort. <i>Multiple Sclerosis Journal</i> , 2019, 25, 55-62.	1.4	17
6575	Hyper- and Hypomenthalizing in Patients with First-Episode Schizophrenia: fMRI and Behavioral Studies. <i>Schizophrenia Bulletin</i> , 2019, 45, 377-385.	2.3	38
6576	Clinical Use of Cerebrovascular Compliance Imaging to Evaluate Revascularization in Patients With Moyamoya. <i>Neurosurgery</i> , 2019, 84, 261-271.	0.6	18
6577	A Distributed Computing Platform for fMRI Big Data Analytics. <i>IEEE Transactions on Big Data</i> , 2019, 5, 109-119.	4.4	10
6578	The UNC/UMN Baby Connectome Project (BCP): An overview of the study design and protocol development. <i>NeuroImage</i> , 2019, 185, 891-905.	2.1	234
6579	Intimate partner violence perpetration corresponds to a dorsal-ventral gradient in medial PFC reactivity to interpersonal provocation. <i>Social Neuroscience</i> , 2019, 14, 173-182.	0.7	8
6580	A mixed-effects, spatially varying coefficients model with application to multi-resolution functional magnetic resonance imaging data. <i>Statistical Methods in Medical Research</i> , 2019, 28, 1203-1215.	0.7	2
6581	Dual regression physiological modeling of resting-state EPI power spectra: Effects of healthy aging. <i>NeuroImage</i> , 2019, 187, 68-76.	2.1	16
6582	Frontoparietal Activity Interacts With Task-Evoked Changes in Functional Connectivity. <i>Cerebral Cortex</i> , 2019, 29, 802-813.	1.6	17
6583	A stereotaxic breed-averaged, symmetric T2w canine brain atlas including detailed morphological and volumetrical data sets. <i>NeuroImage</i> , 2019, 187, 93-103.	2.1	50
6584	System-Specific Patterns of Thalamocortical Connectivity in Early Brain Development as Revealed by Structural and Functional MRI. <i>Cerebral Cortex</i> , 2019, 29, 1218-1229.	1.6	24
6585	Preterm Birth Changes Networks of Newborn Cortical Activity. <i>Cerebral Cortex</i> , 2019, 29, 814-826.	1.6	41
6586	Encoding of Auditory Temporal Gestalt in the Human Brain. <i>Cerebral Cortex</i> , 2019, 29, 475-484.	1.6	9
6587	Magnetic Resonance Imaging of the Brains of Three Peramelemorphian Marsupials. <i>Journal of Mammalian Evolution</i> , 2019, 26, 295-316.	1.0	2
6588	Structural and Functional Neuroimaging of Polygenic Risk for Schizophrenia: A Recall-by-Genotype-Based Approach. <i>Schizophrenia Bulletin</i> , 2019, 45, 405-414.	2.3	35
6589	Lifelong environmental enrichment in the absence of exercise protects the brain from age-related cognitive decline. <i>Neuropharmacology</i> , 2019, 145, 59-74.	2.0	43
6590	Multifocal alterations of white matter accompany the transition from normal cognition to dementia in Parkinson's disease patients. <i>Brain Imaging and Behavior</i> , 2019, 13, 232-240.	1.1	24
6591	MEG Working Memory N-Back Task Reveals Functional Deficits in Combat-Related Mild Traumatic Brain Injury. <i>Cerebral Cortex</i> , 2019, 29, 1953-1968.	1.6	18

#	ARTICLE	IF	CITATIONS
6592	Reduced Local and Increased Long-Range Functional Connectivity of the Thalamus in Autism Spectrum Disorder. <i>Cerebral Cortex</i> , 2019, 29, 573-585.	1.6	57
6593	Rich club and reward network connectivity as endophenotypes for alcohol dependence: a diffusion tensor imaging study. <i>Addiction Biology</i> , 2019, 24, 265-274.	1.4	15
6594	On the relationship between head circumference, brain size, prenatal long-chain PUFA/5-methyltetrahydrofolate supplementation and cognitive abilities during childhood. <i>British Journal of Nutrition</i> , 2019, 122, S40-S48.	1.2	14
6595	Widespread Disrupted White Matter Microstructure in Autism Spectrum Disorders. <i>Journal of Autism and Developmental Disorders</i> , 2019, 49, 2664-2674.	1.7	25
6596	Progressive resistance exercise training and changes in resting-state functional connectivity of the caudate in persons with multiple sclerosis and severe fatigue: A proof-of-concept study. <i>Neuropsychological Rehabilitation</i> , 2020, 30, 54-66.	1.0	28
6597	The effect of midlife cardiovascular risk factors on white matter hyperintensity volume and cognition two decades later in normal ageing women. <i>Brain Imaging and Behavior</i> , 2020, 14, 51-61.	1.1	28
6598	Resting state functional connectivity abnormalities and delayed recall performance in patients with amnesic mild cognitive impairment. <i>Brain Imaging and Behavior</i> , 2020, 14, 267-277.	1.1	3
6599	Structural connectivity in multiple sclerosis and modeling of disconnection. <i>Multiple Sclerosis Journal</i> , 2020, 26, 220-232.	1.4	28
6600	Structural connectivity in adolescent synthetic cannabinoid users with and without ADHD. <i>Brain Imaging and Behavior</i> , 2020, 14, 505-514.	1.1	12
6601	Shared and specific functional connectivity alterations in unmedicated bipolar and major depressive disorders based on the triple-network model. <i>Brain Imaging and Behavior</i> , 2020, 14, 186-199.	1.1	60
6602	Effects of the KCNQ channel opener ezogabine on functional connectivity of the ventral striatum and clinical symptoms in patients with major depressive disorder. <i>Molecular Psychiatry</i> , 2020, 25, 1323-1333.	4.1	40
6603	Alexithymia and frontal amygdala functional connectivity in North Korean refugees. <i>Psychological Medicine</i> , 2020, 50, 334-341.	2.7	14
6604	Cortical atrophy and transcallosal diaschisis following isolated subcortical stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 611-621.	2.4	38
6605	Training gains and transfer effects after mnemonic strategy training in mild cognitive impairment: A fMRI study. <i>International Journal of Psychophysiology</i> , 2020, 154, 15-26.	0.5	12
6606	The Relationship of Varenicline Agonism of $\alpha 4\beta 2$ Nicotinic Acetylcholine Receptors and Nicotine-Induced Dopamine Release in Nicotine-Dependent Humans. <i>Nicotine and Tobacco Research</i> , 2020, 22, 892-899.	1.4	8
6607	Associations between nucleus accumbens structural connectivity, brain function, and initiation of binge drinking. <i>Addiction Biology</i> , 2020, 25, e12767.	1.4	20
6608	The Dynamics of Speech Motor Control Revealed with Time-Resolved fMRI. <i>Cerebral Cortex</i> , 2020, 30, 241-255.	1.6	9
6609	3D-Deep Learning Based Automatic Diagnosis of Alzheimer's Disease with Joint MMSE Prediction Using Resting-State fMRI. <i>Neuroinformatics</i> , 2020, 18, 71-86.	1.5	126

#	ARTICLE	IF	CITATIONS
6610	Injury of the ipsilateral vestibulothalamic tract in a patient with pontine hemorrhage. <i>Acta Neurologica Belgica</i> , 2020, 120, 951-954.	0.5	2
6611	Regional Metabolite Concentrations in Aging Human Brain: Comparison of Short-TE Whole Brain MR Spectroscopic Imaging and Single Voxel Spectroscopy at 3T. <i>Clinical Neuroradiology</i> , 2020, 30, 251-261.	1.0	17
6612	Iron concentration linked to structural connectivity in the subthalamic nucleus: implications for deep brain stimulation. <i>Journal of Neurosurgery</i> , 2020, 132, 197-204.	0.9	11
6613	A Comprehensive Framework to Capture the Arcana of Neuroimaging Analysis. <i>Neuroinformatics</i> , 2020, 18, 109-129.	1.5	3
6614	Toward Robust Anxiety Biomarkers: A Machine Learning Approach in a Large-Scale Sample. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 799-807.	1.1	25
6615	Tractography reproducibility challenge with empirical data (TraCED): The 2017 ISMRM diffusion study group challenge. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 234-249.	1.9	38
6616	Diffusion tensor imaging of the normal-appearing deep gray matter in primary and secondary progressive multiple sclerosis. <i>Acta Radiologica</i> , 2020, 61, 85-92.	0.5	4
6617	Joint-Connectivity-Based Sparse Canonical Correlation Analysis of Imaging Genetics for Detecting Biomarkers of Parkinson's Disease. <i>IEEE Transactions on Medical Imaging</i> , 2020, 39, 23-34.	5.4	39
6618	White matter disconnection is related to age-related phonological deficits. <i>Brain Imaging and Behavior</i> , 2020, 14, 1555-1565.	1.1	6
6619	Neonatal Functional and Structural Connectivity Are Associated with Cerebral Palsy at Two Years of Age. <i>American Journal of Perinatology</i> , 2020, 37, 137-145.	0.6	8
6620	Decision-making about broad- and narrowcasting: a neuroscientific perspective. <i>Media Psychology</i> , 2020, 23, 131-155.	2.1	10
6621	Comparison of [18F]Fluoroethyltyrosine PET and Sodium MRI in Cerebral Gliomas: a Pilot Study. <i>Molecular Imaging and Biology</i> , 2020, 22, 198-207.	1.3	16
6622	Marked Increases in Resting-State MEG Gamma-Band Activity in Combat-Related Mild Traumatic Brain Injury. <i>Cerebral Cortex</i> , 2020, 30, 283-295.	1.6	24
6623	Volume increase in the dentate gyrus after electroconvulsive therapy in depressed patients as measured with 7T. <i>Molecular Psychiatry</i> , 2020, 25, 1559-1568.	4.1	87
6624	The temporoinsular projection system: an anatomical study. <i>Journal of Neurosurgery</i> , 2020, 132, 615-623.	0.9	12
6625	White matter correlates of scam susceptibility in community-dwelling older adults. <i>Brain Imaging and Behavior</i> , 2020, 14, 1521-1530.	1.1	11
6626	Aberrant insular cortex connectivity in abstinent alcohol-dependent rats is reversed by dopamine D3 receptor blockade. <i>Addiction Biology</i> , 2020, 25, e12744.	1.4	16
6627	Functional neuroplasticity in response to cerebello-thalamic injury underpins the clinical presentation of tremor in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2020, 26, 696-705.	1.4	10

#	ARTICLE	IF	CITATIONS
6628	Validation of structural brain connectivity networks: The impact of scanning parameters. <i>NeuroImage</i> , 2020, 204, 116207.	2.1	31
6629	A Data-Driven Multi-scale Technique for fMRI Mapping of the Human Somatosensory Cortex. <i>Brain Topography</i> , 2020, 33, 22-36.	0.8	10
6630	Difference between injuries of the corticospinal tract and corticoreticulospinal tract in patients with diffuse axonal injury: a diffusion tensor tractography study. <i>International Journal of Neuroscience</i> , 2020, 130, 124-129.	0.8	2
6631	Characterization of brain microstructural abnormalities in cirrhotic patients without overt hepatic encephalopathy using diffusion kurtosis imaging. <i>Brain Imaging and Behavior</i> , 2020, 14, 627-638.	1.1	4
6632	A preliminary analysis of biomechanics and saccadic responses for concussion. <i>Trauma</i> , 2020, 22, 182-192.	0.2	1
6633	The association between subcortical and cortical fMRI and lifetime noise exposure in listeners with normal hearing thresholds. <i>NeuroImage</i> , 2020, 204, 116239.	2.1	7
6634	Multiscale Dynamics of Spontaneous Brain Activity Is Associated With Walking Speed in Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 1566-1571.	1.7	15
6635	Medical imaging based in silico head model for ischaemic stroke simulation. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 101, 103442.	1.5	9
6636	Duration and extent of bilingual experience modulate neurocognitive outcomes. <i>NeuroImage</i> , 2020, 204, 116222.	2.1	64
6637	High-gradient diffusion MRI reveals distinct estimates of axon diameter index within different white matter tracts in the in vivo human brain. <i>Brain Structure and Function</i> , 2020, 225, 1277-1291.	1.2	55
6638	Patterns of individual differences in fiber tract integrity of the face processing brain network support neurofunctional models. <i>NeuroImage</i> , 2020, 204, 116229.	2.1	11
6639	Impaired motor skills and atypical functional connectivity of the sensorimotor system in 40- to 65-year-old adults with autism spectrum disorders. <i>Neurobiology of Aging</i> , 2020, 85, 104-112.	1.5	19
6640	Second language use rather than second language knowledge relates to changes in white matter microstructure. <i>Journal of Cultural Cognitive Science</i> , 2020, 4, 165-175.	0.5	19
6641	Comparison of resting-state functional connectivity in marmosets with tracer-based cellular connectivity. <i>NeuroImage</i> , 2020, 204, 116241.	2.1	50
6642	New and enlarging white matter lesions adjacent to the ventricle system and thalamic atrophy are independently associated with lateral ventricular enlargement in multiple sclerosis. <i>Journal of Neurology</i> , 2020, 267, 192-202.	1.8	12
6643	Effect of intravoxel incoherent motion on diffusion parameters in normal brain. <i>NeuroImage</i> , 2020, 204, 116228.	2.1	14
6644	Under the Mind's Hood: What We Have Learned by Watching the Brain at Work. <i>Journal of Neuroscience</i> , 2020, 40, 89-100.	1.7	10
6645	Altered functional connectivity of the amygdala in Crohn's disease. <i>Brain Imaging and Behavior</i> , 2020, 14, 2097-2106.	1.1	23

#	ARTICLE	IF	CITATIONS
6646	[18F]Florbetapir PET/MR imaging to assess demyelination in multiple sclerosis. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 366-378.	3.3	19
6647	Mapping language with resting-state functional magnetic resonance imaging: A study on the functional profile of the language network. <i>Human Brain Mapping</i> , 2020, 41, 545-560.	1.9	27
6648	Deficits of white matter axial diffusivity in bipolar disorder relative to major depressive disorder: No relationship to cerebral perfusion or body mass index. <i>Bipolar Disorders</i> , 2020, 22, 296-302.	1.1	16
6649	18F-AV1451 PET imaging and multimodal MRI changes in progressive supranuclear palsy. <i>Journal of Neurology</i> , 2020, 267, 341-349.	1.8	21
6650	Recent tobacco use has widespread associations with adolescent white matter microstructure. <i>Addictive Behaviors</i> , 2020, 101, 106152.	1.7	4
6651	Quantification of apparent axon density and orientation dispersion in the white matter of youth born with congenital heart disease. <i>NeuroImage</i> , 2020, 205, 116255.	2.1	21
6652	White matter microstructure in women with acute and remitted anorexia nervosa: an exploratory neuroimaging study. <i>Brain Imaging and Behavior</i> , 2020, 14, 2429-2437.	1.1	10
6653	Interaction between ventricular expansion and structural changes in the corpus callosum and putamen in males with FMR1 normal and premutation alleles. <i>Neurobiology of Aging</i> , 2020, 86, 27-38.	1.5	10
6654	Orientation Prior and Consistent Model Selection Increase Sensitivity of Tract-Based Spatial Statistics in Crossing-Fiber Regions. <i>IEEE Transactions on Medical Imaging</i> , 2020, 39, 308-319.	5.4	1
6655	α -adrenergic antagonism alters functional connectivity during associative processing in a preliminary study of individuals with and without autism. <i>Autism</i> , 2020, 24, 795-801.	2.4	7
6656	Robust estimation of quantitative perfusion from multi-phase pseudo-continuous arterial spin labeling. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 815-829.	1.9	1
6657	Response-level processing during visual feature search: Effects of frontoparietal activation and adult age. <i>Attention, Perception, and Psychophysics</i> , 2020, 82, 330-349.	0.7	8
6658	Enhanced Bottom-Up and Reduced Top-Down fMRI Activity Is Related to Long-Lasting Nonreinforced Behavioral Change. <i>Cerebral Cortex</i> , 2020, 30, 858-874.	1.6	17
6659	Brain structure in children with congenital visual disorders and visual impairment. <i>Developmental Medicine and Child Neurology</i> , 2020, 62, 125-131.	1.1	9
6660	Uncovering a Role for the Dorsal Hippocampal Commissure in Recognition Memory. <i>Cerebral Cortex</i> , 2020, 30, 1001-1015.	1.6	15
6661	Intraindividual changes in brain GABA, glutamate, and glutamine during monitored abstinence from alcohol in treatment-naïve individuals with alcohol use disorder. <i>Addiction Biology</i> , 2020, 25, e12810.	1.4	16
6662	Joint analysis of frontal theta synchrony and white matter following mild traumatic brain injury. <i>Brain Imaging and Behavior</i> , 2020, 14, 2210-2223.	1.1	12
6663	Abnormal synchronization of functional and structural networks in schizophrenia. <i>Brain Imaging and Behavior</i> , 2020, 14, 2232-2241.	1.1	16

#	ARTICLE	IF	CITATIONS
6664	High-fidelity, high-isotropic-resolution diffusion imaging through gSlider acquisition with and T1 corrections and integrated 1^{st} B0 / Rx shim array. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 56-67.	1.9	31
6665	A neurobiological correlate of stress-induced nicotine-seeking behavior among cigarette smokers. <i>Addiction Biology</i> , 2020, 25, e12819.	1.4	8
6666	The Effects of Attentional Focus on Brain Function During a Gross Motor Task. <i>Journal of Sport Rehabilitation</i> , 2020, 29, 441-447.	0.4	19
6668	Changes in volumetric and metabolic parameters relate to differences in exposure to sub-concussive head impacts. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 1453-1467.	2.4	15
6669	Volume and shape analysis of the Hippocampus and amygdala in veterans with traumatic brain injury and posttraumatic stress disorder. <i>Brain Imaging and Behavior</i> , 2020, 14, 1850-1864.	1.1	20
6670	Deep Learning of Static and Dynamic Brain Functional Networks for Early MCI Detection. <i>IEEE Transactions on Medical Imaging</i> , 2020, 39, 478-487.	5.4	100
6671	Age-related Brain Metabolic Changes up to Seventh Decade in Healthy Humans. <i>Clinical Neuroradiology</i> , 2020, 30, 581-589.	1.0	12
6672	Time-Varying Motion Filtering for Vision-Based Nonstationary Vibration Measurement. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2020, 69, 3907-3916.	2.4	14
6673	ADHD desynchronizes brain activity during watching a distracted multi-talker conversation. <i>NeuroImage</i> , 2020, 216, 116352.	2.1	25
6674	Resting-State Magnetoencephalography Source Imaging Pilot Study in Children with Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2020, 37, 994-1001.	1.7	9
6675	Artificial neural network for myelin water imaging. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 1875-1883.	1.9	27
6676	Static and dynamic network properties of the repetitive transcranial magnetic stimulation target predict changes in emotion regulation in obsessive-compulsive disorder. <i>Brain Stimulation</i> , 2020, 13, 318-326.	0.7	21
6677	Cardiac-Related Pulsatility in the Insula Is Directly Associated With Middle Cerebral Artery Pulsatility Index. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 1454-1462.	1.9	5
6678	Structural connectivity alterations in chronic and episodic migraine: A diffusion magnetic resonance imaging connectomics study. <i>Cephalalgia</i> , 2020, 40, 367-383.	1.8	21
6679	Intersubject Variability and Normalization Strategies for Spinal Cord Total Cross-Sectional and Gray Matter Areas. <i>Journal of Neuroimaging</i> , 2020, 30, 110-118.	1.0	31
6680	Evidence of Underreporting of White Matter fMRI Activation. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 1596-1597.	1.9	9
6681	Changes of brain DTI in healthy human subjects after 520 days isolation and confinement on a simulated mission to Mars. <i>Life Sciences in Space Research</i> , 2020, 24, 83-90.	1.2	12
6682	The brain regions supporting schema-related processing of people's identities. <i>Cognitive Neuropsychology</i> , 2020, 37, 8-24.	0.4	13

#	ARTICLE	IF	CITATIONS
6683	Longitudinal stability of the brain functional connectome is associated with episodic memory performance in aging. <i>Human Brain Mapping</i> , 2020, 41, 697-709.	1.9	28
6684	White matter alterations in early Parkinson's disease: role of motor symptom lateralization. <i>Neurological Sciences</i> , 2020, 41, 357-364.	0.9	20
6685	Interhemispheric transfer of post-amputation cortical plasticity within the human somatosensory cortex. <i>NeuroImage</i> , 2020, 206, 116291.	2.1	27
6686	Limited Colocalization of Microbleeds and Microstructural Changes after Severe Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2020, 37, 581-592.	1.7	12
6687	An orthogonal shim coil for 3T brain imaging. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 1499-1511.	1.9	11
6688	Imaging biomarkers in Alzheimer's disease. , 2020, , 343-378.		1
6689	A set of functionally-defined brain regions with improved representation of the subcortex and cerebellum. <i>NeuroImage</i> , 2020, 206, 116290.	2.1	143
6690	Brain structure changes in nondemented seniors after six-month dance exercise intervention. <i>Acta Neurologica Scandinavica</i> , 2020, 141, 90-97.	1.0	28
6691	Functional brain network architecture supporting the learning of social networks in humans. <i>NeuroImage</i> , 2020, 210, 116498.	2.1	28
6692	Elevated Extracellular Free-Water in a Multicentric First-Episode Psychosis Sample, Decrease During the First 2 Years of Illness. <i>Schizophrenia Bulletin</i> , 2020, 46, 846-856.	2.3	10
6693	Persistent alterations in cerebrovascular reactivity in response to hypercapnia following pediatric mild traumatic brain injury. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 2491-2504.	2.4	21
6694	Strength of Ventral Tegmental Area Connections With Left Caudate Nucleus Is Related to Conflict Monitoring. <i>Frontiers in Psychology</i> , 2020, 10, 2869.	1.1	5
6695	Diffusion magnetic resonance imaging-derived free water detects neurodegenerative pattern induced by interferon- β . <i>Brain Structure and Function</i> , 2020, 225, 427-439.	1.2	31
6696	Co-localized impaired regional cerebrovascular reactivity in chronic concussion is associated with BOLD activation differences during a working memory task. <i>Brain Imaging and Behavior</i> , 2020, 14, 2438-2449.	1.1	12
6697	White matter microstructure mediates the association between prenatal exposure to phthalates and behavior problems in preschool children. <i>Environmental Research</i> , 2020, 182, 109093.	3.7	17
6698	The disengaging brain: Dynamic transitions from cognitive engagement and alcoholism risk. <i>NeuroImage</i> , 2020, 209, 116515.	2.1	16
6699	Differences in Functional Connectivity Networks Related to the Midbrain Dopaminergic System-Related Area in Various Psychiatric Disorders. <i>Schizophrenia Bulletin</i> , 2020, 46, 1239-1248.	2.3	20
6700	Towards the Development of an Integrative, Evidence-Based Suite of Indicators for the Prediction of Outcome Following Mild Traumatic Brain Injury: Results from a Pilot Study. <i>Brain Sciences</i> , 2020, 10, 23.	1.1	10

#	ARTICLE	IF	CITATIONS
6701	Multiple mechanisms underpin cerebral and cerebellar white matter deficits in Friedreich ataxia: The IMAGEâ€FRDA study. <i>Human Brain Mapping</i> , 2020, 41, 1920-1933.	1.9	22
6702	JEDI: Joint Estimation Diffusion Imaging of macroscopic and microscopic tissue properties. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 966-990.	1.9	3
6703	White matter changes in chronic and episodic migraine: a diffusion tensor imaging study. <i>Journal of Headache and Pain</i> , 2020, 21, 1.	2.5	92
6704	Motor tract integrity predicts walking recovery. <i>Neurology</i> , 2020, 94, e583-e593.	1.5	41
6705	Anatomical Attention Guided Deep Networks for ROI Segmentation of Brain MR Images. <i>IEEE Transactions on Medical Imaging</i> , 2020, 39, 2000-2012.	5.4	46
6706	Methodology for tDCS integration with fMRI. <i>Human Brain Mapping</i> , 2020, 41, 1950-1967.	1.9	69
6707	Disease-specific profiles of apathy in Alzheimerâ€™s disease and behavioural-variant frontotemporal dementia differ across the disease course. <i>Journal of Neurology</i> , 2020, 267, 1086-1096.	1.8	36
6708	Resting-state network topology and planning ability in healthy adults. <i>Brain Structure and Function</i> , 2020, 225, 365-374.	1.2	9
6709	Characterization of age-related microstructural changes in locus coeruleus and substantia nigra pars compacta. <i>Neurobiology of Aging</i> , 2020, 87, 89-97.	1.5	31
6710	A novel approach to localize cortical TMS effects. <i>NeuroImage</i> , 2020, 209, 116486.	2.1	112
6711	Scene construction impairments in frontotemporal dementia: Evidence for a primary hippocampal contribution. <i>Neuropsychologia</i> , 2020, 137, 107327.	0.7	20
6712	Altered frontal white matter microstructure is associated with working memory impairments in adolescents with congenital heart disease: A diffusion tensor imaging study. <i>NeuroImage: Clinical</i> , 2020, 25, 102123.	1.4	37
6713	Impact of image preprocessing methods on reproducibility of radiomic features in multimodal magnetic resonance imaging in glioblastoma. <i>Journal of Applied Clinical Medical Physics</i> , 2020, 21, 179-190.	0.8	98
6714	Examining Microstructural White Matter Differences between Children with Typical and Those with Delayed Recovery Two Weeks Post-Concussion. <i>Journal of Neurotrauma</i> , 2020, 37, 1300-1305.	1.7	4
6715	Effects of transcranial direct current stimulation of primary motor cortex on cortical sensory deficits and hand dexterity in a patient with stroke: A case study. <i>Journal of International Medical Research</i> , 2020, 48, 030006051989413.	0.4	2
6716	Enhanced striatal and prefrontal activity is associated with individual differences in nonreinforced preference change for faces. <i>Human Brain Mapping</i> , 2020, 41, 1043-1060.	1.9	15
6717	Structural network changes in cerebral small vessel disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 196-203.	0.9	28
6718	Tsallis-Entropy Segmentation through MRF and Alzheimer anatomic reference for Brain Magnetic Resonance Parcellation. <i>Magnetic Resonance Imaging</i> , 2020, 65, 136-145.	1.0	6

#	ARTICLE	IF	CITATIONS
6719	There is no single functional atlas even for a single individual: Functional parcel definitions change with task. <i>NeuroImage</i> , 2020, 208, 116366.	2.1	172
6720	Compressed sensing effects on quantitative analysis of undersampled human brain sodium MRI. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 1025-1033.	1.9	12
6721	Cocaine-related alterations in fronto-parietal gray matter volume correlate with trait and behavioral impulsivity. <i>Drug and Alcohol Dependence</i> , 2020, 206, 107757.	1.6	21
6722	Human cortical networking by probabilistic and frequency-specific coupling. <i>NeuroImage</i> , 2020, 207, 116363.	2.1	12
6723	Hippocampal and trigeminal nerve volume predict outcome of surgical treatment for trigeminal neuralgia. <i>Cephalalgia</i> , 2020, 40, 586-596.	1.8	18
6724	Reconciling Dimensional and Categorical Models of Autism Heterogeneity: A Brain Connectomics and Behavioral Study. <i>Biological Psychiatry</i> , 2020, 87, 1071-1082.	0.7	76
6725	Assessment and correction of macroscopic field variations in 2D spoiled gradient-echo sequences. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 620-633.	1.9	2
6726	Neural and dopaminergic correlates of fatigue in Parkinson's disease. <i>Journal of Neural Transmission</i> , 2020, 127, 301-309.	1.4	7
6727	Sleep duration over 28 years, cognition, gray matter volume, and white matter microstructure: a prospective cohort study. <i>Sleep</i> , 2020, 43, .	0.6	37
6728	AVPR1A variation is linked to gray matter covariation in the social brain network of chimpanzees. <i>Genes, Brain and Behavior</i> , 2020, 19, e12631.	1.1	14
6729	Super-Resolution Whole-Brain 3D MR Spectroscopic Imaging for Mapping D-2-Hydroxyglutarate and Tumor Metabolism in Isocitrate Dehydrogenase 1-mutated Human Gliomas. <i>Radiology</i> , 2020, 294, 589-597.	3.6	18
6730	One-year changes in brain microstructure differentiate preclinical Huntington's disease stages. <i>NeuroImage: Clinical</i> , 2020, 25, 102099.	1.4	8
6731	Building functional connectivity neuromarkers of behavioral self-regulation across children with and without Autism Spectrum Disorder. <i>Developmental Cognitive Neuroscience</i> , 2020, 41, 100747.	1.9	14
6732	Linking the impact of aging on visual short-term memory capacity with changes in the structural connectivity of posterior thalamus to occipital cortices. <i>NeuroImage</i> , 2020, 208, 116440.	2.1	8
6733	Temporal instability of salience network activity in migraine with aura. <i>Pain</i> , 2020, 161, 856-864.	2.0	23
6734	The relationship between individual differences in gray matter volume and religiosity and mystical experiences: A preregistered voxel-based morphometry study. <i>European Journal of Neuroscience</i> , 2020, 51, 850-865.	1.2	14
6735	Fluctuating asymmetry in brain structure and general intelligence in 73-year-olds. <i>Intelligence</i> , 2020, 78, 101407.	1.6	9
6736	Brain imaging correlates of self- and other-reflection in schizophrenia. <i>NeuroImage: Clinical</i> , 2020, 25, 102134.	1.4	17

#	ARTICLE	IF	CITATIONS
6737	Simultaneous EEG/fMRI recorded during ketamine infusion in patients with major depressive disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 99, 109838.	2.5	36
6738	Integrative and Network-Specific Connectivity of the Basal Ganglia and Thalamus Defined in Individuals. <i>Neuron</i> , 2020, 105, 742-758.e6.	3.8	148
6739	Predicting response to electroconvulsive therapy combined with antipsychotics in schizophrenia using multi-parametric magnetic resonance imaging. <i>Schizophrenia Research</i> , 2020, 216, 262-271.	1.1	26
6740	Brain signatures of threat safety discrimination in adolescent chronic pain. <i>Pain</i> , 2020, 161, 630-640.	2.0	18
6741	Predicting Ischemic Risk Using Blood Oxygen Level Dependent MRI in Children with Moyamoya. <i>American Journal of Neuroradiology</i> , 2020, 41, 160-166.	1.2	12
6742	Postoperative delirium is associated with increased plasma neurofilament light. <i>Brain</i> , 2020, 143, 47-54.	3.7	107
6743	How Does Motivation Modulate the Operation of the Mentalizing Network in Person Evaluation?. <i>Journal of Cognitive Neuroscience</i> , 2020, 32, 664-673.	1.1	1
6744	Altered Gray Matter Structure and White Matter Microstructure in Patients with Congenital Adrenal Hyperplasia: Relevance for Working Memory Performance. <i>Cerebral Cortex</i> , 2020, 30, 2777-2788.	1.6	24
6745	Multiple Holdouts With Stability: Improving the Generalizability of Machine Learning Analyses of Brain Behavior Relationships. <i>Biological Psychiatry</i> , 2020, 87, 368-376.	0.7	32
6746	Correction of respiratory artifacts in MRI head motion estimates. <i>NeuroImage</i> , 2020, 208, 116400.	2.1	161
6747	High-Order Feature Learning for Multi-Atlas Based Label Fusion: Application to Brain Segmentation With MRI. <i>IEEE Transactions on Image Processing</i> , 2020, 29, 2702-2713.	6.0	30
6748	Music enhances structural maturation of emotional processing neural pathways in very preterm infants. <i>NeuroImage</i> , 2020, 207, 116391.	2.1	37
6749	Maternal Interleukin-6 Is Associated With Macaque Offspring Amygdala Development and Behavior. <i>Cerebral Cortex</i> , 2020, 30, 1573-1585.	1.6	17
6750	Temporal tuning of repetition suppression across the visual cortex. <i>Journal of Neurophysiology</i> , 2020, 123, 224-233.	0.9	17
6751	Trigeminal neuralgia associated with multiple sclerosis: A multimodal assessment of brainstem plaques and response to Gamma Knife radiosurgery. <i>Multiple Sclerosis Journal</i> , 2020, 26, 1877-1888.	1.4	9
6752	Microstructural abnormalities of substantia nigra in Parkinson's disease: A neuromelanin sensitive MRI atlas based study. <i>Human Brain Mapping</i> , 2020, 41, 1323-1333.	1.9	25
6753	Mapping the anatomy of perceptual pseudoneglect. A multivariate approach. <i>NeuroImage</i> , 2020, 207, 116402.	2.1	3
6754	Predicting ¹⁵ O-Water PET cerebral blood flow maps from multi-contrast MRI using a deep convolutional neural network with evaluation of training cohort bias. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 2240-2253.	2.4	30

#	ARTICLE	IF	CITATIONS
6755	Structural core of the executive control network: A high angular resolution diffusion MRI study. <i>Human Brain Mapping</i> , 2020, 41, 1226-1236.	1.9	40
6756	A network-based response feature matrix as a brain injury metric. <i>Biomechanics and Modeling in Mechanobiology</i> , 2020, 19, 927-942.	1.4	31
6757	Myelin Damage in Normal Appearing White Matter Contributes to Impaired Cognitive Processing Speed in Multiple Sclerosis. <i>Journal of Neuroimaging</i> , 2020, 30, 205-211.	1.0	17
6758	Disruptions of frontoparietal control network and default mode network linking the metacognitive deficits with clinical symptoms in schizophrenia. <i>Human Brain Mapping</i> , 2020, 41, 1445-1458.	1.9	22
6759	Duration of Untreated Psychosis Correlates With Brain Connectivity and Morphology in Medication-Naïve Patients With First-Episode Psychosis. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 231-238.	1.1	19
6760	Genetic effects on planum temporale asymmetry and their limited relevance to neurodevelopmental disorders, intelligence or educational attainment. <i>Cortex</i> , 2020, 124, 137-153.	1.1	26
6761	A 16-channel AC/DC array coil for anesthetized monkey whole-brain imaging at 7T. <i>NeuroImage</i> , 2020, 207, 116396.	2.1	26
6762	Pypreclin: An automatic pipeline for macaque functional MRI preprocessing. <i>NeuroImage</i> , 2020, 207, 116353.	2.1	20
6763	Denoising scanner effects from multimodal MRI data using linked independent component analysis. <i>NeuroImage</i> , 2020, 208, 116388.	2.1	32
6764	Dorsal movement and ventral form regions are functionally connected during visual speech recognition. <i>Human Brain Mapping</i> , 2020, 41, 952-972.	1.9	6
6765	Predicting severity and prognosis in Parkinson's disease from brain microstructure and connectivity. <i>NeuroImage: Clinical</i> , 2020, 25, 102111.	1.4	26
6766	A positive shift in resting-state functional connectivity between the insula and default mode network regions reflects the duration of illness in gambling disorder patients without lifetime substance abuse. <i>Psychiatry Research - Neuroimaging</i> , 2020, 295, 111018.	0.9	5
6767	Roles of Lesioned and Nonlesioned Hemispheres in Reaching Performance Poststroke. <i>Neurorehabilitation and Neural Repair</i> , 2020, 34, 61-71.	1.4	17
6768	Plasma inflammatory biomarkers link to diffusion tensor imaging metrics in virally suppressed HIV-infected individuals. <i>Aids</i> , 2020, 34, 203-213.	1.0	25
6769	Individual Resting-State Brain Networks Enabled by Massive Multivariate Conditional Mutual Information. <i>IEEE Transactions on Medical Imaging</i> , 2020, 39, 1957-1966.	5.4	21
6770	Glioma Migration Through the Corpus Callosum and the Brainstem Detected by Diffusion and Magnetic Resonance Imaging: Initial Findings. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 472.	1.0	14
6771	A prospective three-year follow-up study on the clinical significance of anti-neuronal antibodies in acute psychiatric disorders. <i>Scientific Reports</i> , 2020, 10, 35.	1.6	6
6772	Structural MRI Analysis of Chronic Pain Patients Following Interdisciplinary Treatment Shows Changes in Brain Volume and Opiate-Dependent Reorganization of the Amygdala and Hippocampus. <i>Pain Medicine</i> , 2020, 21, 2765-2776.	0.9	7

#	ARTICLE	IF	CITATIONS
6773	Right Lateralized Brain Reserve Offsets Age-Related Deficits in Ignoring Distraction. <i>Cerebral Cortex Communications</i> , 2020, 1, tgaa049.	0.7	6
6774	Brain volume changes after long-term injectable opioid treatment: A longitudinal voxel-based morphometry study. <i>Addiction Biology</i> , 2021, 26, e12970.	1.4	8
6775	Altered brain network function during attention-modulated visual processing in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2020, 27, 135245852095836.	1.4	9
6776	Analyzing the effects of free water modeling by deep learning on diffusion MRI structural connectivity estimates in glioma patients. <i>PLoS ONE</i> , 2020, 15, e0239475.	1.1	5
6777	Improvement in Uncontrolled Eating Behavior after Laparoscopic Sleeve Gastrectomy Is Associated with Alterations in the Brain-Gut-Microbiome Axis in Obese Women. <i>Nutrients</i> , 2020, 12, 2924.	1.7	20
6778	MRI phase offset correction method impacts quantitative susceptibility mapping. <i>Magnetic Resonance Imaging</i> , 2020, 74, 139-151.	1.0	4
6779	The role of anterior and medial dorsal thalamus in associative memory encoding and retrieval. <i>Neuropsychologia</i> , 2020, 148, 107623.	0.7	13
6780	Alternative Microstructural Measures to Complement Diffusion Tensor Imaging in Migraine Studies with Standard MRI Acquisition. <i>Brain Sciences</i> , 2020, 10, 711.	1.1	12
6781	Behavioral and neurological effects of tDCS on speech motor recovery: A single-subject intervention study. <i>Brain and Language</i> , 2020, 210, 104849.	0.8	6
6782	Onset age of second language acquisition and fractional anisotropy variation in multilingual young adults. <i>Journal of Neurolinguistics</i> , 2020, 56, 100937.	0.5	6
6783	Multimodal assessment of nigrosomal degeneration in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2020, 80, 102-107.	1.1	13
6784	Restrictive eating across a spectrum from healthy to unhealthy: behavioral and neural mechanisms. <i>Psychological Medicine</i> , 2022, 52, 1755-1764.	2.7	27
6785	Individual Brain Charting dataset extension, second release of high-resolution fMRI data for cognitive mapping. <i>Scientific Data</i> , 2020, 7, 353.	2.4	21
6786	Individual head models for estimating the TMS-induced electric field in rat brain. <i>Scientific Reports</i> , 2020, 10, 17397.	1.6	11
6787	Missing the forest because of the trees: slower alternations during binocular rivalry are associated with lower levels of visual detail during ongoing thought. <i>Neuroscience of Consciousness</i> , 2020, niaa020.	1.4	3
6788	Multivariate Lesion-Behavior Mapping of General Cognitive Ability and Its Psychometric Constituents. <i>Journal of Neuroscience</i> , 2020, 40, 8924-8937.	1.7	29
6789	No Words for Feelings? Not Only for My Own: Diminished Emotional Empathic Ability in Alexithymia. <i>Frontiers in Behavioral Neuroscience</i> , 2020, 14, 112.	1.0	4
6790	Relationships between gross motor skills, cardiovascular fitness, and visuospatial working memory-related brain activation in 8- to 10-year-old children. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2020, 20, 842-858.	1.0	5

#	ARTICLE	IF	CITATIONS
6791	Functional topography of the thalamo-cortical system during development and its relation to cognition. <i>NeuroImage</i> , 2020, 223, 117361.	2.1	33
6792	Longitudinal patterns of white matter fibre density and morphology in children are associated with age and pubertal stage. <i>Developmental Cognitive Neuroscience</i> , 2020, 45, 100853.	1.9	24
6793	Subthalamic deep brain stimulation identifies frontal networks supporting initiation, inhibition and strategy use in Parkinson's disease. <i>NeuroImage</i> , 2020, 223, 117352.	2.1	6
6794	Involvement of the dentate nucleus in the pathophysiology of amyotrophic lateral sclerosis: A multi-center and multi-modal neuroimaging study. <i>NeuroImage: Clinical</i> , 2020, 28, 102385.	1.4	25
6795	Relative increase in cerebellar gray matter in young onset essential tremor: Evidence from voxel-based morphometry analysis. <i>Journal of Clinical Neuroscience</i> , 2020, 79, 251-256.	0.8	4
6796	Violence exposure, affective style, and stress-induced changes in resting state functional connectivity. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2020, 20, 1261-1277.	1.0	9
6797	White matter correlates of cognitive flexibility in youth with bipolar disorder and typically developing children and adolescents. <i>Psychiatry Research - Neuroimaging</i> , 2020, 305, 111169.	0.9	4
6798	Neural Correlates of Smartphone Dependence in Adolescents. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 564629.	1.0	19
6799	Reduced fractional anisotropy in projection, association, and commissural fiber networks in neonates with prenatal methamphetamine exposure. <i>Developmental Neurobiology</i> , 2020, 80, 381-398.	1.5	6
6800	Atypical Brain Asymmetry in Autism – A Candidate for Clinically Meaningful Stratification. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 802-812.	1.1	36
6801	Correlates of Silence: Enhanced Microstructural Changes in the Uncinate Fasciculus. <i>Frontiers in Psychology</i> , 2020, 11, 543773.	1.1	8
6802	Dynamic brain-to-brain concordance and behavioral mirroring as a mechanism of the patient-clinician interaction. <i>Science Advances</i> , 2020, 6, .	4.7	46
6803	White matter alterations in autism spectrum disorder and attention-deficit/hyperactivity disorder in relation to sensory profile. <i>Molecular Autism</i> , 2020, 11, 77.	2.6	28
6804	Dynamic time warping outperforms Pearson correlation in detecting atypical functional connectivity in autism spectrum disorders. <i>NeuroImage</i> , 2020, 223, 117383.	2.1	23
6805	Neural Dynamics of Improved Bimodal Attention and Working Memory in Musically Trained Children. <i>Frontiers in Neuroscience</i> , 2020, 14, 554731.	1.4	9
6806	Systematically lower structural brain connectivity in individuals with elevated food addiction symptoms. <i>Appetite</i> , 2020, 155, 104850.	1.8	20
6807	Evaluating the resource allocation index as a potential fMRI-based biomarker for substance use disorder. <i>Drug and Alcohol Dependence</i> , 2020, 216, 108211.	1.6	1
6808	Altered thalamocortical structural connectivity in persons with schizophrenia and healthy siblings. <i>NeuroImage: Clinical</i> , 2020, 28, 102370.	1.4	21

#	ARTICLE	IF	CITATIONS
6809	Brain Atrophy Rates for Stable Multiple Sclerosis Patients on Long-Term Fingolimod versus Glatiramer Acetate. <i>Frontiers in Neurology</i> , 2020, 11, 1045.	1.1	4
6810	Brain Age Prediction Reveals Aberrant Brain White Matter in Schizophrenia and Bipolar Disorder: A Multisample Diffusion Tensor Imaging Study. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 1095-1103.	1.1	28
6811	More than meets the eye: Longitudinal visual system neurodevelopment in very preterm children and anophthalmia. <i>NeuroImage: Clinical</i> , 2020, 28, 102373.	1.4	0
6812	Motor fatigue is associated with asymmetric connectivity properties of the corticospinal tract in multiple sclerosis. <i>NeuroImage: Clinical</i> , 2020, 28, 102393.	1.4	5
6813	Reconstructing lost BOLD signal in individual participants using deep machine learning. <i>Nature Communications</i> , 2020, 11, 5046.	5.8	20
6814	Behavioral and Neural Correlates of Cognitive Training and Transfer Effects in Stroke Patients. <i>Frontiers in Neurology</i> , 2020, 11, 1048.	1.1	5
6815	Microstructural Integrity of the Hippocampus During Childhood: Relations With Age and Source Memory. <i>Frontiers in Psychology</i> , 2020, 11, 568953.	1.1	10
6816	Anatomical Characterization of the Human Structural Connectivity between the Pedunculopontine Nucleus and Globus Pallidus via Multi-Shell Multi-Tissue Tractography. <i>Medicina (Lithuania)</i> , 2020, 56, 452.	0.8	5
6817	Reorganization of the structural connectome in primary open angle Glaucoma. <i>NeuroImage: Clinical</i> , 2020, 28, 102419.	1.4	19
6818	Brain disconnections link structural connectivity with function and behaviour. <i>Nature Communications</i> , 2020, 11, 5094.	5.8	112
6819	Long Longitudinal Tract Lesion Contributes to the Progression of Alzheimer's Disease. <i>Frontiers in Neurology</i> , 2020, 11, 503235.	1.1	8
6820	Brainstem alterations contribute to catatonia in schizophrenia spectrum disorders. <i>Schizophrenia Research</i> , 2020, 224, 82-87.	1.1	9
6821	White Matter Integrity Is Associated With the Amount of Physical Activity in Older Adults With Super-aging. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 549983.	1.7	16
6822	Pain relief for osteoarthritis through combined treatment (PROACT): Protocol for a randomized controlled trial of mindfulness meditation combined with transcranial direct current stimulation in non-Hispanic black and white adults with knee osteoarthritis. <i>Contemporary Clinical Trials</i> , 2020, 98, 106159.	0.8	8
6823	Diagnostic utility of Restriction Spectrum Imaging in the characterization of the peritumoral brain zone in glioblastoma: Analysis of overall and progression-free survival. <i>European Journal of Radiology</i> , 2020, 132, 109289.	1.2	10
6824	Connectivity-based localization of human hypothalamic nuclei in functional images of standard voxel size. <i>NeuroImage</i> , 2020, 221, 117205.	2.1	9
6825	Cortical iron disrupts functional connectivity networks supporting working memory performance in older adults. <i>NeuroImage</i> , 2020, 223, 117309.	2.1	16
6826	Î±-Synuclein Induces Progressive Changes in Brain Microstructure and Sensory-Evoked Brain Function That Precedes Locomotor Decline. <i>Journal of Neuroscience</i> , 2020, 40, 6649-6659.	1.7	10

#	ARTICLE	IF	CITATIONS
6827	Regional segmentation strategy for DTI analysis of human corpus callosum indicates motor function deficit in mild cognitive impairment. <i>Journal of Neuroscience Methods</i> , 2020, 345, 108870.	1.3	7
6828	fMRI network correlates of predisposing risk factors for delirium: A cross-sectional study. <i>NeuroImage: Clinical</i> , 2020, 27, 102347.	1.4	4
6829	Moral emotions when reading quotidian circumstances in contexts of violence: an fMRI study. <i>Adaptive Behavior</i> , 2022, 30, 119-145.	1.1	5
6830	Children's neurodevelopment of reading is affected by China's language input system in the information era. <i>Npj Science of Learning</i> , 2020, 5, 3.	1.5	7
6831	Voluntary Actions Modulate Perception and Neural Representation of Action-Consequences in a Hand-Dependent Manner. <i>Cerebral Cortex</i> , 2020, 30, 6097-6107.	1.6	8
6832	Associations of perceived adverse lifetime experiences with brain structure in UK Biobank participants. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2021, 62, 822-830.	3.1	15
6833	Assessment of cortical reorganization and preserved function in phantom limb pain: a methodological perspective. <i>Scientific Reports</i> , 2020, 10, 11504.	1.6	20
6834	Prediction of age at onset in Parkinson's disease using objective specific neuroimaging genetics based on a sparse canonical correlation analysis. <i>Scientific Reports</i> , 2020, 10, 11662.	1.6	4
6835	DeepfMRI: End-to-end deep learning for functional connectivity and classification of ADHD using fMRI. <i>Journal of Neuroscience Methods</i> , 2020, 335, 108506.	1.3	79
6836	Connectome Signatures of Hyperexcitation in Cognitively Intact Middle-Aged Female APOE- ϵ 4 Carriers. <i>Cerebral Cortex</i> , 2020, 30, 6350-6362.	1.6	11
6837	Diffusion Tensor Imaging Revealing the Relation of Age-Related Differences in the Corpus Callosum With Cognitive Style. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 285.	1.0	3
6838	In vivo human brain expression of histone deacetylases in bipolar disorder. <i>Translational Psychiatry</i> , 2020, 10, 224.	2.4	17
6839	Dissociable neural mechanisms underlie currently-relevant, future-relevant, and discarded working memory representations. <i>Scientific Reports</i> , 2020, 10, 11195.	1.6	19
6840	Motor learning in hemi-Parkinson using VR-manipulated sensory feedback. <i>Disability and Rehabilitation: Assistive Technology</i> , 2020, , 1-13.	1.3	5
6841	Discrete changes in brain volume after deep brain stimulation in patients with Parkinson's disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 928-937.	0.9	6
6842	In vivo Population Averaged Stereotaxic T2w MRI Brain Template for the Adult Yucatan Micropig. <i>Frontiers in Neuroanatomy</i> , 2020, 14, 599701.	0.9	7
6843	P.124 Linking functional and structural brain organisation in autism spectrum disorder. <i>European Neuropsychopharmacology</i> , 2020, 40, S77.	0.3	1
6844	Thin-Slice Magnetic Resonance Imaging-Based Radiomics Signature Predicts Chromosomal 1p/19q Co-deletion Status in Grade II and III Gliomas. <i>Frontiers in Neurology</i> , 2020, 11, 551771.	1.1	13

#	ARTICLE	IF	CITATIONS
6845	The Renal Clearable Magnetic Resonance Imaging Contrast Agents: State of the Art and Recent Advances. <i>Molecules</i> , 2020, 25, 5072.	1.7	10
6846	Gray and white matter are both affected in classical galactosemia: An explorative study on the association between neuroimaging and clinical outcome. <i>Molecular Genetics and Metabolism</i> , 2020, 131, 370-379.	0.5	7
6847	Tracking Inhibitory Control in Youth With ADHD: A Multi-Modal Neuroimaging Approach. <i>Frontiers in Psychiatry</i> , 2020, 11, 00831.	1.3	13
6848	Aberrant white matter microstructure in treatment-resistant schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2020, 305, 111198.	0.9	4
6849	Myelin Water Imaging Demonstrates Lower Brain Myelination in Children and Adolescents With Poor Reading Ability. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 568395.	1.0	13
6850	Mapping the principal gradient onto the corpus callosum. <i>NeuroImage</i> , 2020, 223, 117317.	2.1	22
6851	Visuo-spatial attention to the blind hemifield of hemianopic patients: Can it survive the impairment of visual awareness?. <i>Neuropsychologia</i> , 2020, 149, 107673.	0.7	2
6852	Multi-shell Diffusion MRI Models for White Matter Characterization in Cerebral Small Vessel Disease. <i>Neurology</i> , 2021, 96, e698-e708.	1.5	33
6853	When affect overlaps with concept: emotion recognition in semantic variant of primary progressive aphasia. <i>Brain</i> , 2020, 143, 3850-3864.	3.7	29
6854	Longitudinal study in patients with myotonic dystrophy type 1: correlation of brain MRI abnormalities with cognitive performances. <i>Neuroradiology</i> , 2021, 63, 1019-1029.	1.1	13
6855	SSFP fMRI at 3T: Efficiency of polar acquisition-reconstruction technique. <i>Magnetic Resonance Imaging</i> , 2020, 74, 171-180.	1.0	1
6856	Assessment of metastatic lymph nodes in head and neck squamous cell carcinomas using simultaneous 18F-FDG-PET and MRI. <i>Scientific Reports</i> , 2020, 10, 20764.	1.6	16
6857	Altered neurochemistry in the anterior white matter of bipolar children and adolescents: a multivoxel 1H MRS study. <i>Molecular Psychiatry</i> , 2021, 26, 4117-4126.	4.1	6
6858	Pandora: 4-D White Matter Bundle Population-Based Atlases Derived from Diffusion MRI Fiber Tractography. <i>Neuroinformatics</i> , 2021, 19, 447-460.	1.5	15
6859	Functional brain network modeling in sub-acute stroke patients and healthy controls during rest and continuous attentive tracking. <i>Heliyon</i> , 2020, 6, e04854.	1.4	10
6860	RAVE: Comprehensive open-source software for reproducible analysis and visualization of intracranial EEG data. <i>NeuroImage</i> , 2020, 223, 117341.	2.1	15
6861	Imaging Neurochemistry and Brain Structure Tracks Clinical Decline and Mechanisms of ALS in Patients. <i>Frontiers in Neurology</i> , 2020, 11, 590573.	1.1	16
6862	Impact of Cognitive Reserve and Structural Connectivity on Cognitive Performance in Multiple Sclerosis. <i>Frontiers in Neurology</i> , 2020, 11, 581700.	1.1	8

#	ARTICLE	IF	CITATIONS
6863	How Tasks Change Whole-Brain Functional Organization to Reveal Brain-Phenotype Relationships. <i>Cell Reports</i> , 2020, 32, 108066.	2.9	62
6864	Complete monoplegia due to limb-kinetic apraxia in a patient with traumatic brain injury. <i>Medicine (United States)</i> , 2020, 99, e22452.	0.4	5
6865	Single Nucleotide Polymorphisms in Alzheimer's Disease Risk Genes Are Associated with Intrinsic Connectivity in Middle Age. <i>Journal of Alzheimer's Disease</i> , 2020, 78, 309-320.	1.2	3
6866	Orbitofrontal sulcogyral morphology in patients with cocaine use disorder. <i>Psychiatry Research - Neuroimaging</i> , 2020, 305, 111174.	0.9	3
6867	Cognitive training and brain stimulation in prodromal Alzheimer's disease (AD-Stim) study protocol for a double-blind randomized controlled phase IIb (monocenter) trial. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 142.	3.0	13
6868	Longitudinal Analysis of the Relation Between Clinical Impairment and Gray Matter Degeneration in Spinocerebellar Ataxia Type 7 Patients. <i>Cerebellum</i> , 2021, 20, 346-360.	1.4	3
6869	Relationship between depression and dorsolateral prefronto-thalamic tract injury in patients with mild traumatic brain injury. <i>Scientific Reports</i> , 2020, 10, 19728.	1.6	7
6870	Cortical plasticity in phantom limb pain: A fMRI study on the neural correlates of behavioral clinical manifestations. <i>Psychiatry Research - Neuroimaging</i> , 2020, 304, 111151.	0.9	11
6871	A Quantitative EEG Toolbox for the MNI Neuroinformatics Ecosystem: Normative SPM of EEG Source Spectra. <i>Frontiers in Neuroinformatics</i> , 2020, 14, 33.	1.3	12
6872	The Importance of Anti-correlations in Graph Theory Based Classification of Autism Spectrum Disorder. <i>Frontiers in Neuroscience</i> , 2020, 14, 676.	1.4	29
6873	Decoding Nonconscious Thought Representations during Successful Thought Suppression. <i>Journal of Cognitive Neuroscience</i> , 2020, 32, 2272-2284.	1.1	8
6874	Evaluation of Ultrafast Wave-CAIPI MPRAGE for Visual Grading and Automated Measurement of Brain Tissue Volume. <i>American Journal of Neuroradiology</i> , 2020, 41, 1388-1396.	1.2	33
6875	Distortion correction of diffusion weighted MRI without reverse phase-encoding scans or field-maps. <i>PLoS ONE</i> , 2020, 15, e0236418.	1.1	60
6876	Relaxometry and quantification in sodium MRI of cerebral gliomas: A FET-PET and MRI small-scale study. <i>NMR in Biomedicine</i> , 2020, 33, e4361.	1.6	7
6877	Specific cortical and subcortical alterations for reactive and proactive aggression in children and adolescents with disruptive behavior. <i>NeuroImage: Clinical</i> , 2020, 27, 102344.	1.4	13
6878	The Effects of Delayed Cord Clamping on 12-Month Brain Myelin Content and Neurodevelopment: A Randomized Controlled Trial. <i>American Journal of Perinatology</i> , 2022, 39, 037-044.	0.6	19
6879	Distinct auditory and visual tool regions with multisensory response properties in human parietal cortex. <i>Progress in Neurobiology</i> , 2020, 195, 101889.	2.8	3
6880	Sex-related patterns of intrinsic functional connectivity in children and adolescents with autism spectrum disorders. <i>Autism</i> , 2020, 24, 2190-2201.	2.4	17

#	ARTICLE	IF	CITATIONS
6881	Assessment of MRI-based anomalous diffusion changes in brain ischemic stroke with a fractional motion model. <i>Journal of Magnetic Resonance</i> , 2020, 317, 106795.	1.2	0
6882	Subcortical atrophy correlates with the perturbational complexity index in patients with disorders of consciousness. <i>Brain Stimulation</i> , 2020, 13, 1426-1435.	0.7	20
6883	Global reward state affects learning and activity in raphe nucleus and anterior insula in monkeys. <i>Nature Communications</i> , 2020, 11, 3771.	5.8	49
6884	Rapid whole-brain quantitative magnetization transfer imaging using 3D selective inversion recovery sequences. <i>Magnetic Resonance Imaging</i> , 2020, 68, 66-74.	1.0	12
6885	Effect of DAOA genetic variation on white matter alteration in corpus callosum in patients with first-episode schizophrenia. <i>Brain Imaging and Behavior</i> , 2021, 15, 1748-1759.	1.1	4
6886	Diagnostic classification of autism using resting-state fMRI data improves with full correlation functional brain connectivity compared to partial correlation. <i>Journal of Neuroscience Methods</i> , 2020, 345, 108884.	1.3	29
6887	Mapping of pathological change in chronic fatigue syndrome using the ratio of T1- and T2-weighted MRI scans. <i>NeuroImage: Clinical</i> , 2020, 28, 102366.	1.4	19
6888	The impact of self-control training on neural responses following anger provocation. <i>Social Neuroscience</i> , 2020, 15, 558-570.	0.7	5
6889	Brain white matter microstructure in obese women with binge eating disorder. <i>European Eating Disorders Review</i> , 2020, 28, 525-535.	2.3	15
6890	Spatially coherent and topographically organized pathways of the human globus pallidus. <i>Human Brain Mapping</i> , 2020, 41, 4641-4661.	1.9	26
6891	Emerging atypicalities in functional connectivity of language-related networks in young infants at high familial risk for ASD. <i>Developmental Cognitive Neuroscience</i> , 2020, 45, 100814.	1.9	18
6892	Individualized Augmented Reality Training Reduces Phantom Pain and Cortical Reorganization in Amputees: A Proof of Concept Study. <i>Journal of Pain</i> , 2020, 21, 1257-1269.	0.7	23
6893	Bloodâ€‘brain barrier permeability measurement by biexponentially modeling wholeâ€‘brain arterial spin labeling data with multiple T ₂ -weightings. <i>NMR in Biomedicine</i> , 2020, 33, e4374.	1.6	9
6894	Individual differences in pain sensitivity in drug-naïve patients with major depressive disorder: an fMRI study. <i>Brain Imaging and Behavior</i> , 2021, 15, 1335-1343.	1.1	5
6895	Tract-specific analysis improves sensitivity of spinal cord diffusion MRI to cross-sectional and longitudinal changes in amyotrophic lateral sclerosis. <i>Communications Biology</i> , 2020, 3, 370.	2.0	14
6896	Quantification and correction of distortion in diffusion-weighted MRI at 1.5 and 3 T in a muscle-invasive bladder cancer phantom for radiotherapy planning. <i>British Journal of Radiology</i> , 2020, 93, 20190710.	1.0	2
6897	Acute Posttraumatic Symptoms Are Associated With Multimodal Neuroimaging Structural Covariance Patterns: A Possible Role for the Neural Substrates of Visual Processing in Posttraumatic Stress Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 7, 129-129.	1.1	9
6898	Multimodal neuroimaging data integration and pathway analysis. <i>Biometrics</i> , 2021, 77, 879-889.	0.8	9

#	ARTICLE	IF	CITATIONS
6899	The efficacy of different preprocessing steps in reducing motion-related confounds in diffusion MRI connectomics. <i>NeuroImage</i> , 2020, 222, 117252.	2.1	45
6900	Effects of spatial smoothing on group-level differences in functional brain networks. <i>Network Neuroscience</i> , 2020, 4, 556-574.	1.4	18
6901	Age-related change in episodic memory: role of functional and structural connectivity between the ventral posterior cingulate and the parietal cortex. <i>Brain Structure and Function</i> , 2020, 225, 2203-2218.	1.2	14
6902	Is treatment-resistant schizophrenia associated with distinct neurobiological callosal connectivity abnormalities?. <i>CNS Spectrums</i> , 2021, 26, 545-549.	0.7	4
6903	Divergence of rodent and primate medial frontal cortex functional connectivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 21681-21689.	3.3	76
6904	Cortico-Subcortical Functional Connectivity Profiles of Resting-State Networks in Marmosets and Humans. <i>Journal of Neuroscience</i> , 2020, 40, 9236-9249.	1.7	25
6905	Classification using fractional anisotropy predicts conversion in genetic frontotemporal dementia, a proof of concept. <i>Brain Communications</i> , 2020, 2, fcaa079.	1.5	3
6906	Object Selection by Automatic Spreading of Top-Down Attentional Signals in V1. <i>Journal of Neuroscience</i> , 2020, 40, 9250-9259.	1.7	12
6907	Higher Body-Mass Index and Lower Gray Matter Volumes in First Episode of Psychosis. <i>Frontiers in Psychiatry</i> , 2020, 11, 556759.	1.3	9
6908	Differentiating the Brain's involvement in Executed and Imagined Stepping using fMRI. <i>Behavioural Brain Research</i> , 2020, 394, 112829.	1.2	3
6909	Changing Faces: Dynamic Emotional Face Processing in Autism Spectrum Disorder Across Childhood and Adulthood. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 825-836.	1.1	8
6910	Differential reinforcement encoding along the hippocampal long axis helps resolve the explore-exploit dilemma. <i>Nature Communications</i> , 2020, 11, 5407.	5.8	8
6911	Fiber-Specific Changes in White Matter Microstructure in Individuals With X-Linked Auditory Neuropathy. <i>Ear and Hearing</i> , 2020, 41, 1703-1714.	1.0	5
6912	White matter microstructural differences in underweight adolescents with anorexia nervosa and a preliminary longitudinal investigation of change following short-term weight restoration. <i>Eating and Weight Disorders</i> , 2020, 26, 1903-1914.	1.2	6
6913	Spiral MRSI and tissue segmentation of normal-appearing white matter and white matter lesions in relapsing remitting multiple sclerosis patients. <i>Magnetic Resonance Imaging</i> , 2020, 74, 21-30.	1.0	7
6914	Event-related functional MRI of awake behaving pigeons at 7T. <i>Nature Communications</i> , 2020, 11, 4715.	5.8	21
6915	Unaltered Brain GABA Concentrations and Resting fMRI Activity in Functional Dyspepsia With and Without Comorbid Depression. <i>Frontiers in Psychiatry</i> , 2020, 11, 549749.	1.3	3
6916	Using a second-person approach to identify disease-specific profiles of social behavior in frontotemporal dementia and Alzheimer's disease. <i>Cortex</i> , 2020, 133, 236-246.	1.1	2

#	ARTICLE	IF	CITATIONS
6917	A surface metric and software toolbox for EEG electrode grids in the macaque. <i>Journal of Neuroscience Methods</i> , 2020, 346, 108906.	1.3	4
6918	Reliability of quantitative transverse relaxation time mapping with ^{13}C -prepared whole brain pCASL. <i>Scientific Reports</i> , 2020, 10, 18299.	1.6	5
6919	Differential functional connectivity underlying asymmetric reward-related activity in human and nonhuman primates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 28452-28462.	3.3	28
6920	Whole brain mapping of somatosensory responses in awake marmosets investigated with ultra-high-field fMRI. <i>Journal of Neurophysiology</i> , 2020, 124, 1900-1913.	0.9	10
6921	Diffusion imaging in dementia with Lewy bodies: Associations with amyloid burden, atrophy, vascular factors and clinical features. <i>Parkinsonism and Related Disorders</i> , 2020, 78, 109-115.	1.1	10
6922	An integrated RF-receive/B0-shim array coil boosts performance of whole-brain MR spectroscopic imaging at 7T. <i>Scientific Reports</i> , 2020, 10, 15029.	1.6	12
6923	Focus on the Breath: Brain Decoding Reveals Internal States of Attention During Meditation. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 336.	1.0	23
6924	The emergence of a functionally flexible brain during early infancy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 23904-23913.	3.3	36
6925	Functional brain networks in the schizophrenia spectrum and bipolar disorder with psychosis. <i>NPI Schizophrenia</i> , 2020, 6, 22.	2.0	15
6926	Brain activation and connectivity in anorexia nervosa and body dysmorphic disorder when viewing bodies: relationships to clinical symptoms and perception of appearance. <i>Brain Imaging and Behavior</i> , 2021, 15, 1235-1252.	1.1	10
6927	Anxiety and the Neurobiology of Temporally Uncertain Threat Anticipation. <i>Journal of Neuroscience</i> , 2020, 40, 7949-7964.	1.7	68
6928	White matter fiber microstructure is associated with prior hospitalizations rather than acute symptomatology in major depressive disorder. <i>Psychological Medicine</i> , 2020, , 1-9.	2.7	4
6929	Association of midlife stroke risk with structural brain integrity and memory performance at older ages: a longitudinal cohort study. <i>Brain Communications</i> , 2020, 2, fcaa026.	1.5	9
6930	Situating the left-lateralized language network in the broader organization of multiple specialized large-scale distributed networks. <i>Journal of Neurophysiology</i> , 2020, 124, 1415-1448.	0.9	124
6931	Neural Correlates of Attention Lapses During Continuous Tasks. , 2020, 2020, 3196-3199.		1
6932	LEGO-compatible modular mapping phantom for magnetic resonance imaging. <i>Scientific Reports</i> , 2020, 10, 14755.	1.6	4
6934	Injury of the dentato-rubro-thalamic tract in a patient with intentional tremor after mild traumatic brain injury: a case report. <i>Brain Injury</i> , 2020, 34, 1283-1286.	0.6	5
6935	The effects of nicotine and cannabis co-use during adolescence and young adulthood on white matter cerebral blood flow estimates. <i>Psychopharmacology</i> , 2020, 237, 3615-3624.	1.5	11

#	ARTICLE	IF	CITATIONS
6936	Finding the neural correlates of collaboration using a three-person fMRI hyperscanning paradigm. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 23066-23072.	3.3	38
6937	Longitudinal Multimodal fMRI to Investigate Neurovascular Changes in Spontaneously Hypertensive Rats. <i>Journal of Neuroimaging</i> , 2020, 30, 609-616.	1.0	1
6938	A novel fully automated MRI-based deep-learning method for classification of 1p/19q co-deletion status in brain gliomas. <i>Neuro-Oncology Advances</i> , 2020, 2, iv42-iv48.	0.4	25
6939	The migrainer's brain networks: Continuous resting state fMRI over 30 days. <i>Cephalalgia</i> , 2020, 40, 1614-1621.	1.8	53
6940	Investigation of the effect of dietary intake of omega-3 polyunsaturated fatty acids on trauma-induced white matter injury with quantitative diffusion MRI in mice. <i>Journal of Neuroscience Research</i> , 2020, 98, 2232-2244.	1.3	3
6941	Myelin and Axonal Damage in Normal-Appearing White Matter in Patients with Moyamoya Disease. <i>American Journal of Neuroradiology</i> , 2020, 41, 1618-1624.	1.2	7
6942	Working memory training restores aberrant brain activity in adult attention-deficit hyperactivity disorder. <i>Human Brain Mapping</i> , 2020, 41, 4876-4891.	1.9	10
6943	Functional and Structural Plasticity Co-express in a Left Premotor Region During Early Bimanual Skill Learning. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 310.	1.0	8
6944	Longitudinal Volumetric Assessment of Ventricular Enlargement in Pet Dogs Trained for Functional Magnetic Resonance Imaging (fMRI) Studies. <i>Veterinary Sciences</i> , 2020, 7, 127.	0.6	2
6945	Neurodegeneration trajectory in pediatric and adult/late DM1: A follow-up MRI study across a decade. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 1802-1815.	1.7	15
6946	Dysphagia prognosis prediction via corticobulbar tract assessment in lateral medullary infarction: a diffusion tensor tractography study. <i>Dysphagia</i> , 2021, 36, 680-688.	1.0	7
6947	Title: Injury characteristics of the Papez circuit in patients with diffuse axonal injury: a diffusion tensor tractography study. <i>Acta Neurologica Belgica</i> , 2020, 121, 941-947.	0.5	1
6948	Brain Plasticity in Charcot-Marie-Tooth Type 1A Patients? A Combined Structural and Diffusion MRI Study. <i>Frontiers in Neurology</i> , 2020, 11, 795.	1.1	7
6949	Two Coarse Spatial Patterns of Altered Brain Microstructure Predict Post-traumatic Amnesia in the Subacute Stage of Severe Traumatic Brain Injury. <i>Frontiers in Neurology</i> , 2020, 11, 800.	1.1	0
6950	Neural sensitivity to risk in adults with co-occurring HIV infection and cocaine use disorder. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2020, 20, 859-872.	1.0	9
6951	Cerebrovascular risk factors impact frontoparietal network integrity and executive function in healthy ageing. <i>Nature Communications</i> , 2020, 11, 4340.	5.8	59
6952	Corticocortical and Thalamocortical Changes in Functional Connectivity and White Matter Structural Integrity after Reward-Guided Learning of Visuospatial Discriminations in Rhesus Monkeys. <i>Journal of Neuroscience</i> , 2020, 40, 7887-7901.	1.7	14
6953	Distinct Relationship Between Cognitive Flexibility and White Matter Integrity in Individuals at Risk of Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 250.	1.7	3

#	ARTICLE	IF	CITATIONS
6954	Microstructural Alterations Analogous to Accelerated Aging of the Cerebral Cortex in Carotid Occlusive Disease. <i>Clinical Neuroradiology</i> , 2021, 31, 709-720.	1.0	3
6955	Gray Matter Changes in Adolescents Participating in a Meditation Training. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 319.	1.0	12
6956	Brain gray matter abnormalities in osteoarthritis pain: a cross-sectional evaluation. <i>Pain</i> , 2020, 161, 2167-2178.	2.0	32
6957	Association between white matter impairment and cognitive dysfunction in patients with ischemic Moyamoya disease. <i>BMC Neurology</i> , 2020, 20, 302.	0.8	17
6958	Cerebral Arterial Pulsatility and Global White Matter Microstructure Impact Spatial Working Memory in Older Adults With and Without Cardiovascular Risk Factors. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 245.	1.7	6
6959	Neural Correlates of Theory of Mind Are Preserved in Young Women With Anorexia Nervosa. <i>Frontiers in Psychology</i> , 2020, 11, 568073.	1.1	9
6960	Associations Between Longitudinal Trajectories of Cognitive and Social Activities and Brain Health in Old Age. <i>JAMA Network Open</i> , 2020, 3, e2013793.	2.8	13
6961	Identification of Earlier Biomarkers for Alzheimer's Disease: A Multimodal Neuroimaging Study of Individuals with Subjective Cognitive Decline. <i>Journal of Alzheimer's Disease</i> , 2020, 77, 1067-1076.	1.2	12
6962	Frontal Pole Hypometabolism Linked to Reduced Prosocial Sexual Behaviors in Frontotemporal Dementia and Corticobasal Syndrome. <i>Journal of Alzheimer's Disease</i> , 2020, 77, 821-830.	1.2	1
6963	T_2 relaxation time of the normal-appearing white matter is related to the cognitive status in cerebral small vessel disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 1767-1777.	2.4	9
6964	Mapping the Progressive Treatment-Related Reduction of Active MRI Lesions in Multiple Sclerosis. <i>Frontiers in Neurology</i> , 2020, 11, 585296.	1.1	4
6965	Effects of long-term cocaine self-administration on brain resting-state functional connectivity in nonhuman primates. <i>Translational Psychiatry</i> , 2020, 10, 420.	2.4	5
6966	APOE- ϵ 4-related differences in left thalamic microstructure in cognitively healthy adults. <i>Scientific Reports</i> , 2020, 10, 19787.	1.6	8
6967	Improving Alzheimer's stage categorization with Convolutional Neural Network using transfer learning and different magnetic resonance imaging modalities. <i>Heliyon</i> , 2020, 6, e05652.	1.4	49
6968	Structural and Functional Connectivity of Visual Cortex in Schizophrenia and Bipolar Disorder: A Graph-Theoretic Analysis. <i>Schizophrenia Bulletin Open</i> , 2020, 1, sgaa056.	0.9	10
6969	Physical activity monitoring to assess disability progression in multiple sclerosis. <i>Multiple Sclerosis Journal - Experimental, Translational and Clinical</i> , 2020, 6, 205521732097518.	0.5	10
6970	Radiomics Analysis of Magnetic Resonance Imaging Facilitates the Identification of Preclinical Alzheimer's Disease: An Exploratory Study. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 605734.	1.8	27
6971	Semantics-weighted lexical surprisal modeling of naturalistic functional MRI time-series during spoken narrative listening. <i>NeuroImage</i> , 2020, 222, 117281.	2.1	13

#	ARTICLE	IF	CITATIONS
6972	Dimensional connectomics of anxious misery, a human connectome study related to human disease: Overview of protocol and data quality. <i>NeuroImage: Clinical</i> , 2020, 28, 102489.	1.4	8
6973	Investigating microstructure of white matter tracts as candidate endophenotypes of Social Anxiety Disorder – Findings from the Leiden Family Lab study on Social Anxiety Disorder (LFLSAD). <i>NeuroImage: Clinical</i> , 2020, 28, 102493.	1.4	6
6974	Graphical interface for automated management of motion artifact within fMRI acquisitions: INFOBAR. <i>SoftwareX</i> , 2020, 12, 100598.	1.2	5
6975	Levels of brain-derived neurotrophic factor in patients with multiple sclerosis. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 2251-2261.	1.7	23
6976	Neonatal brain connectivity outliers identify over forty percent of IQ outliers at 4½years of age. <i>Brain and Behavior</i> , 2020, 10, e01846.	1.0	8
6977	Lipid-suppressed and tissue-fraction corrected metabolic distributions in human central brain structures using 2D ¹ H magnetic resonance spectroscopic imaging at 7 T. <i>Brain and Behavior</i> , 2020, 10, e01852.	1.0	17
6978	Exploring the hormonal and neural correlates of paternal protective behavior to their infants. <i>Developmental Psychobiology</i> , 2020, 63, 1358-1369.	0.9	9
6979	White matter integrity moderates the relation between experienced childhood maltreatment and fathers' behavioral response to infant crying. <i>Developmental Psychobiology</i> , 2020, 63, 1399-1414.	0.9	7
6980	Searching for Imaging Biomarkers of Psychotic Dysconnectivity. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 1135-1144.	1.1	2
6981	Brain reactions to the use of sensorized hand prosthesis in amputees. <i>Brain and Behavior</i> , 2020, 10, e01734.	1.0	6
6982	The variability of functional MRI brain signal increases in Alzheimer's disease at cardiorespiratory frequencies. <i>Scientific Reports</i> , 2020, 10, 21559.	1.6	28
6983	Leveraging the effector independent nature of motor imagery when it is paired with physical practice. <i>Scientific Reports</i> , 2020, 10, 21335.	1.6	8
6984	Brain Structure Alterations in Hemifacial Spasm: A Diffusion Tensor Imaging Study. <i>Clinical EEG and Neuroscience</i> , 2020, , 155005942097925.	0.9	3
6985	Multivariate Brain Functional Connectivity Through Regularized Estimators. <i>Frontiers in Neuroscience</i> , 2020, 14, 569540.	1.4	5
6986	Posttraumatic stress symptomatology and abnormal neural responding during emotion regulation under cognitive demands: mediating effects of personality. <i>Personality Neuroscience</i> , 2020, 3, e9.	1.3	5
6987	White matter integrity correlates with cognition and disease severity in Fabry disease. <i>Brain</i> , 2020, 143, 3331-3342.	3.7	12
6988	Neurite Orientation Dispersion and Density Imaging for Assessing Acute Inflammation and Lesion Evolution in MS. <i>American Journal of Neuroradiology</i> , 2020, 41, 2219-2226.	1.2	14
6989	Disruption of structural brain networks in Primary Open Angle Glaucoma. , 2020, 2020, 1705-1708.		2

#	ARTICLE	IF	CITATIONS
6990	Optimization of hyperparameters for SMS reconstruction. <i>Magnetic Resonance Imaging</i> , 2020, 73, 91-103.	1.0	3
6991	Machine Learning Classification Identifies Cerebellar Contributions to Early and Moderate Cognitive Decline in Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 524024.	1.7	7
6992	Higher Trait Impulsivity and Altered Frontostriatal Connectivity in Betel-Quid Dependent Individuals. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 578913.	1.0	3
6993	Multishell Diffusion MRI Reflects Improved Physical Fitness Induced by Dance Intervention. <i>Neural Plasticity</i> , 2020, 2020, 1-9.	1.0	8
6994	Impacts of Acute Sucralose and Glucose on Brain Activity during Food Decisions in Humans. <i>Nutrients</i> , 2020, 12, 3283.	1.7	2
6995	Associations Between Findings From Myelin Water Imaging and Cognitive Performance Among Individuals With Multiple Sclerosis. <i>JAMA Network Open</i> , 2020, 3, e2014220.	2.8	18
6996	An Imaging and Blood Biomarkers Open Dataset on Alzheimer's Disease vs. Late Onset Bipolar Disorder. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 583212.	1.7	0
6997	A stochastic multi-agent approach for medical-image segmentation: Application to tumor segmentation in brain MR images. <i>Artificial Intelligence in Medicine</i> , 2020, 110, 101980.	3.8	21
6998	Diffusion basis spectrum imaging provides insights into MS pathology. <i>Neurology: Neuroimmunology and Neuroinflammation</i> , 2020, 7, .	3.1	25
6999	Treating dissociative post-traumatic stress disorder presenting as a functional movement disorder with transcranial magnetic stimulation targeting the cingulate gyrus. <i>Neurological Sciences</i> , 2020, 41, 2275-2280.	0.9	6
7000	Brain functional correlates of formal thought disorder in schizophrenia: examining the frontal/dysexecutive hypothesis. <i>Psychological Medicine</i> , 2021, 51, 2446-2453.	2.7	6
7001	Investigating the effect of changing parameters when building prediction models for post-stroke aphasia. <i>Nature Human Behaviour</i> , 2020, 4, 725-735.	6.2	30
7002	Abnormalities in the white matter tracts in patients with Parkinson disease and psychosis. <i>Neurology</i> , 2020, 94, e1876-e1884.	1.5	29
7003	Diffusion tensor magnetic resonance imaging of the postoperative spine with metallic implants. <i>NMR in Biomedicine</i> , 2020, 33, e4321.	1.6	2
7004	Connectomic consistency: a systematic stability analysis of structural and functional connectivity. <i>Journal of Neural Engineering</i> , 2020, 17, 045004.	1.8	21
7005	Slow versus fast rewarming after hypothermic circulatory arrest: effects on neuroinflammation and cerebral oedema. <i>European Journal of Cardio-thoracic Surgery</i> , 2020, 58, 792-800.	0.6	10
7006	Neural and Behavioral Outcomes Differ Following Equivalent Bouts of Motor Imagery or Physical Practice. <i>Journal of Cognitive Neuroscience</i> , 2020, 32, 1590-1606.	1.1	11
7007	Brain and Physiological Markers of Autonomic Function Are Associated With Treatment-Related Improvements in Self-Reported Autonomic Dysfunction in Veterans With Gulf War Illness: An Exploratory Pilot Study. <i>Global Advances in Health and Medicine</i> , 2020, 9, 216495612092281.	0.7	7

#	ARTICLE	IF	CITATIONS
7008	Modulation of Fibers to Motor Cortex during Thalamic DBS in Tourette Patients Correlates with Tic Reduction. <i>Brain Sciences</i> , 2020, 10, 302.	1.1	21
7009	Language in schizophrenia: relation with diagnosis, symptomatology and white matter tracts. <i>NPJ Schizophrenia</i> , 2020, 6, 10.	2.0	56
7010	Efficacy of andrographolide in not active progressive multiple sclerosis: a prospective exploratory double-blind, parallel-group, randomized, placebo-controlled trial. <i>BMC Neurology</i> , 2020, 20, 173.	0.8	22
7011	MS optic neuritis-induced long-term structural changes within the visual pathway. <i>Neurology: Neuroimmunology and Neuroinflammation</i> , 2020, 7, .	3.1	32
7012	Social Attention in Autism: Neural Sensitivity to Speech Over Background Noise Predicts Encoding of Social Information. <i>Frontiers in Psychiatry</i> , 2020, 11, 343.	1.3	10
7013	Structural Brain Changes in Pre-Clinical FTD MAPT Mutation Carriers. <i>Journal of Alzheimer's Disease</i> , 2020, 75, 595-606.	1.2	10
7014	Resting-state and task-based centrality of dorsolateral prefrontal cortex predict resilience to <scp>1 Hz</scp> repetitive transcranial magnetic stimulation. <i>Human Brain Mapping</i> , 2020, 41, 3161-3171.	1.9	9
7015	Evidence of Neural Microstructure Abnormalities in Type I Chiari Malformation: Associations Among Fiber Tract Integrity, Pain, and Cognitive Dysfunction. <i>Pain Medicine</i> , 2020, 21, 2323-2335.	0.9	12
7016	Comparison of Automatic Segmentation Algorithms for the Subthalamic Nucleus. <i>Stereotactic and Functional Neurosurgery</i> , 2020, 98, 256-262.	0.8	7
7017	Functional magnetic resonance imaging of the trail-making test in older adults. <i>PLoS ONE</i> , 2020, 15, e0232469.	1.1	19
7018	How do expectant fathers respond to infant cry? Examining brain and behavioral responses and the moderating role of testosterone. <i>Social Cognitive and Affective Neuroscience</i> , 2020, 15, 437-446.	1.5	12
7019	Multi-parametric artificial neural network fitting of phase-cycled balanced steady-state free precession data. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 2981-2993.	1.9	8
7020	Cohort study into the neural correlates of postoperative delirium: the role of connectivity and slow-wave activity. <i>British Journal of Anaesthesia</i> , 2020, 125, 55-66.	1.5	61
7021	Assessment of brain volumes obtained from MP-RAGE and MP2RAGE images, quantified using different segmentation methods. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2020, 33, 757-767.	1.1	3
7022	7T Guided 3T Brain Tissue Segmentation Using Cascaded Nested Network. , 2020, , .		0
7023	Brain functional connectivity changes by low back extension pain model in low back pain patients. <i>PLoS ONE</i> , 2020, 15, e0233858.	1.1	6
7024	Older, non-demented apolipoprotein μ 4 carrier males show hyperactivation and structural differences in odor memory regions: a blood-oxygen-level-dependent and structural magnetic resonance imaging study. <i>Neurobiology of Aging</i> , 2020, 93, 25-34.	1.5	4
7025	A longitudinal, multi-parametric functional MRI study to determine age-related changes in the rodent brain. <i>NeuroImage</i> , 2020, 218, 116976.	2.1	2

#	ARTICLE	IF	CITATIONS
7026	Axonal damage in the optic radiation assessed by white matter tract integrity metrics is associated with retinal thinning in multiple sclerosis. <i>NeuroImage: Clinical</i> , 2020, 27, 102293.	1.4	14
7027	Neural responsivity to social rewards in autistic female youth. <i>Translational Psychiatry</i> , 2020, 10, 178.	2.4	22
7028	Three-Dimensional Identification of the Medial Longitudinal Fasciculus in the Human Brain: A Diffusion Tensor Imaging Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 1340.	1.0	5
7029	Hippocampal glutamate and hippocampus subfield volumes in antipsychotic-naïve first episode psychosis subjects and relationships to duration of untreated psychosis. <i>Translational Psychiatry</i> , 2020, 10, 137.	2.4	38
7030	Influence of 7T GRE-MRI Signal Compartment Model Choice on Tissue Parameters. <i>Frontiers in Neuroscience</i> , 2020, 14, 271.	1.4	2
7031	Site-Specific Effects of Online rTMS during a Working Memory Task in Healthy Older Adults. <i>Brain Sciences</i> , 2020, 10, 255.	1.1	28
7032	Vasogenic edema versus neuroplasticity as neural correlates of hippocampal volume increase following electroconvulsive therapy. <i>Brain Stimulation</i> , 2020, 13, 1080-1086.	0.7	25
7033	Deep flow-net for EPI distortion estimation. <i>NeuroImage</i> , 2020, 217, 116886.	2.1	9
7034	Dorsolateral and dorsomedial prefrontal cortex track distinct properties of dynamic social behavior. <i>Social Cognitive and Affective Neuroscience</i> , 2020, 15, 383-393.	1.5	14
7035	Prediction of childhood brain outcomes in infants born preterm using neonatal MRI and concurrent clinical biomarkers (PREBO-6): study protocol for a prospective cohort study. <i>BMJ Open</i> , 2020, 10, e036480.	0.8	11
7036	A flexible workflow for simulating transcranial electric stimulation in healthy and lesioned brains. <i>PLoS ONE</i> , 2020, 15, e0228119.	1.1	6
7037	Multiple Network Disconnection in Anosognosia for Hemiplegia. <i>Frontiers in Systems Neuroscience</i> , 2020, 14, 21.	1.2	20
7038	Sensory-motor network topology in multiple sclerosis: Structural connectivity analysis accounting for intrinsic density discrepancy. <i>Human Brain Mapping</i> , 2020, 41, 2951-2963.	1.9	26
7039	Longitudinal Structural <scp>MRI</scp> in Neurologically Healthy Adults. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 52, 1385-1399.	1.9	5
7040	Common and specific dimensions of internalizing disorders are characterized by unique patterns of brain activity on a task of emotional cognitive control. <i>International Journal of Psychophysiology</i> , 2020, 151, 80-93.	0.5	9
7041	TractoFlow: A robust, efficient and reproducible diffusion MRI pipeline leveraging Nextflow & Singularity. <i>NeuroImage</i> , 2020, 218, 116889.	2.1	92
7042	Brain Network Measures for Groups of Nodes: Application to Normal Aging and Alzheimer's Disease. <i>Brain Connectivity</i> , 2020, 10, 316-327.	0.8	12
7043	Behavioral flexibility is associated with changes in structure and function distributed across a frontal cortical network in macaques. <i>PLoS Biology</i> , 2020, 18, e3000605.	2.6	24

#	ARTICLE	IF	CITATIONS
7044	Resting State Functional Connectivity Is Associated With Motor Pathway Integrity and Upper-Limb Behavior in Chronic Stroke. <i>Neurorehabilitation and Neural Repair</i> , 2020, 34, 547-557.	1.4	22
7045	The impact of position-orientation adaptive smoothing in diffusion weighted imaging—From diffusion metrics to fiber tractography. <i>PLoS ONE</i> , 2020, 15, e0233474.	1.1	1
7046	Multi-scale segmentation in GBM treatment using diffusion tensor imaging. <i>Computers in Biology and Medicine</i> , 2020, 123, 103815.	3.9	14
7047	Global Data-Driven Analysis of Brain Connectivity During Emotion Regulation by Electroencephalography Neurofeedback. <i>Brain Connectivity</i> , 2020, 10, 302-315.	0.8	16
7048	Diffeomorphic Registration for Retinotopic Mapping Via Quasiconformal Mapping. , 2020, 2020, 687-691.		7
7049	Association of High-Density Lipoprotein Cholesterol With Cognitive Function: Findings From the PROspective Study of Pravastatin in the Elderly at Risk. <i>Journal of Aging and Health</i> , 2020, 32, 1267-1274.	0.9	4
7050	Using the force: STEM knowledge and experience construct shared neural representations of engineering concepts. <i>Npj Science of Learning</i> , 2020, 5, 6.	1.5	3
7051	Planning stereoelectroencephalography using automated lesion detection: Retrospective feasibility study. <i>Epilepsia</i> , 2020, 61, 1406-1416.	2.6	17
7052	Assessing sensorimotor control of the lumbopelvic-hip region using task-based functional MRI. <i>Journal of Neurophysiology</i> , 2020, 124, 192-206.	0.9	5
7053	Myelination- and immune-mediated MR-based brain network correlates. <i>Journal of Neuroinflammation</i> , 2020, 17, 186.	3.1	12
7054	Prospective associations, longitudinal patterns of childhood socioeconomic status, and white matter organization in adulthood. <i>Human Brain Mapping</i> , 2020, 41, 3580-3593.	1.9	21
7055	Autonomic flexibility reflects learning and associated neuroplasticity in old age. <i>Human Brain Mapping</i> , 2020, 41, 3608-3619.	1.9	13
7056	Brain Network Segregation and Glucose Energy Utilization: Relevance for Age-Related Differences in Cognitive Function. <i>Cerebral Cortex</i> , 2020, 30, 5930-5942.	1.6	31
7057	Pre-trained MRI-based Alzheimer's disease classification models to classify memory clinic patients. <i>NeuroImage: Clinical</i> , 2020, 27, 102303.	1.4	4
7058	Individual differences in envy experienced through perspective-taking involves functional connectivity of the superior frontal gyrus. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2020, 20, 783-797.	1.0	7
7059	The same, but different: Preserved distractor suppression in old age is implemented through an age-specific reactive ventral fronto-parietal network. <i>Human Brain Mapping</i> , 2020, 41, 3938-3955.	1.9	2
7060	Evidence for asymmetric inhibitory activity during motor planning phases of sensorimotor synchronization. <i>Cortex</i> , 2020, 129, 314-328.	1.1	6
7061	Behavioral inhibition and reward processing in college binge drinkers with and without marijuana use. <i>Drug and Alcohol Dependence</i> , 2020, 213, 108119.	1.6	6

#	ARTICLE	IF	CITATIONS
7062	Machine-learning based MRI radiomics models for early detection of radiation-induced brain injury in nasopharyngeal carcinoma. <i>BMC Cancer</i> , 2020, 20, 502.	1.1	35
7063	Assessing cognitive control and the reward system in overweight young adults using sensitivity to incentives and white matter integrity. <i>PLoS ONE</i> , 2020, 15, e0233915.	1.1	4
7064	B ₀ field homogeneity recommendations, specifications, and measurement units for MRI in radiation therapy. <i>Medical Physics</i> , 2020, 47, 4101-4114.	1.6	20
7065	The concurrent disturbance of dynamic functional and structural brain connectome in major depressive disorder: the prefronto-insular pathway. <i>Journal of Affective Disorders</i> , 2020, 274, 1084-1090.	2.0	10
7066	The effects of an aerobic training intervention on cognition, grey matter volumes and white matter microstructure. <i>Physiology and Behavior</i> , 2020, 223, 112923.	1.0	18
7067	Frontoparietal structural properties mediate adult life span differences in executive function. <i>Scientific Reports</i> , 2020, 10, 9066.	1.6	15
7068	First-Trimester Prenatal Dexamethasone Treatment Is Associated With Alterations in Brain Structure at Adult Age. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 2575-2586.	1.8	20
7069	Origin of orientationâ€dependent R ₁ (=1/T ₁) relaxation in white matter. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 2713-2723.	1.9	14
7070	DeepDTI: High-fidelity six-direction diffusion tensor imaging using deep learning. <i>NeuroImage</i> , 2020, 219, 117017.	2.1	63
7071	Sensorimotor white matter projections and disease severity in primary Restless Legs Syndrome/Willis-Ekbom disease: a multimodal DTI analysis. <i>Sleep Medicine</i> , 2020, 73, 106-116.	0.8	10
7072	Non-invasive Brain Tumor Detection using Magnetic Resonance Imaging based Fractal Texture Features and Shape Measures. , 2020, , .		5
7073	Psychosis risk is associated with decreased white matter integrity in limbic network corticostriatal tracts. <i>Psychiatry Research - Neuroimaging</i> , 2020, 301, 111089.	0.9	3
7074	Cognitive Fatigability is Independent of Subjective Cognitive Fatigue and Mood in Multiple Sclerosis. <i>Cognitive and Behavioral Neurology</i> , 2020, 33, 113-121.	0.5	7
7075	Gadolinium-Based Neuroprognostic Magnetic Resonance Imaging Agents Suppress COX-2 for Prevention of Reperfusion Injury after Stroke. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 6909-6923.	2.9	5
7076	Sleep spindles are resilient to extensive white matter deterioration. <i>Brain Communications</i> , 2020, 2, fcaa071.	1.5	5
7077	Layer-dependent functional connectivity methods. <i>Progress in Neurobiology</i> , 2021, 207, 101835.	2.8	67
7078	A Randomized, Controlled Trial of Exercise for Parkinsonian Individuals With Freezing of Gait. <i>Movement Disorders</i> , 2020, 35, 1607-1617.	2.2	39
7079	Adolescents at clinical high risk for psychosis show qualitatively altered patterns of activation during rule learning. <i>NeuroImage: Clinical</i> , 2020, 27, 102286.	1.4	1

#	ARTICLE	IF	CITATIONS
7080	Altered Resting-State Functional Connectivity Between Awake and Isoflurane Anesthetized Marmosets. <i>Cerebral Cortex</i> , 2020, 30, 5943-5959.	1.6	36
7081	Neuroimaging of inflammation in alcohol use disorder: a review. <i>Science China Information Sciences</i> , 2020, 63, 1.	2.7	10
7082	Performance gains with Compute Unified Device Architecture-enabled eddy current correction for diffusion MRI.. <i>NeuroReport</i> , 2020, 31, 746-753.	0.6	1
7083	Multimodal MRI Longitudinal Assessment of White and Gray Matter in Different SPG Types of Hereditary Spastic Paraparesis. <i>Frontiers in Neuroscience</i> , 2020, 14, 325.	1.4	6
7084	Histological Correlates of Diffusion-Weighted Magnetic Resonance Microscopy in a Mouse Model of Mesial Temporal Lobe Epilepsy. <i>Frontiers in Neuroscience</i> , 2020, 14, 543.	1.4	7
7085	NeuroPycon: An open-source python toolbox for fast multi-modal and reproducible brain connectivity pipelines. <i>NeuroImage</i> , 2020, 219, 117020.	2.1	26
7086	Left posterior inferior parietal cortex causally supports the retrieval of action knowledge. <i>NeuroImage</i> , 2020, 219, 117041.	2.1	32
7087	The response relevance of visual stimuli modulates the P3 component and the underlying sensorimotor network. <i>Scientific Reports</i> , 2020, 10, 3818.	1.6	13
7088	Right-lateralized fronto-parietal network and phasic alertness in healthy aging. <i>Scientific Reports</i> , 2020, 10, 4823.	1.6	12
7089	Shutterâ€‘speed DCEâ€‘MRI Analyses of Human Glioblastoma Multiforme (GBM) Data. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 52, 850-863.	1.9	18
7090	Neural bases of visual processing of moving and stationary stimuli presented to the blind hemifield of hemianopic patients. <i>Neuropsychologia</i> , 2020, 141, 107430.	0.7	5
7091	Atypical processing of uncertainty in individuals at risk for psychosis. <i>NeuroImage: Clinical</i> , 2020, 26, 102239.	1.4	37
7092	Increased myoinositol in the anterior cingulate cortex of veterans with a history of traumatic brain injury: a proton magnetic resonance spectroscopy study. <i>Journal of Neurophysiology</i> , 2020, 123, 1619-1629.	0.9	8
7093	Functional network reorganization in older adults: Graph-theoretical analyses of age, cognition and sex. <i>NeuroImage</i> , 2020, 214, 116756.	2.1	76
7094	A Neuro-computational Account of Arbitration between Choice Imitation and Goal Emulation during Human Observational Learning. <i>Neuron</i> , 2020, 106, 687-699.e7.	3.8	51
7095	Context effectsâ€‘on probability estimation. <i>PLoS Biology</i> , 2020, 18, e3000634.	2.6	4
7096	Imaging and histopathologic correlates of plasma cell-free DNA concentration and circulating tumor DNA in adult patients with newly diagnosed glioblastoma. <i>Neuro-Oncology Advances</i> , 2020, 2, vdaa016.	0.4	15
7097	Image-Derived Phenotyping Informed by Independent Component Analysisâ€‘An Atlas-Based Approach. <i>Frontiers in Neuroscience</i> , 2020, 14, 118.	1.4	1

#	ARTICLE	IF	CITATIONS
7098	BDNF Serum Levels are Associated With White Matter Microstructure in Schizophrenia - A Pilot Study. <i>Frontiers in Psychiatry</i> , 2020, 11, 31.	1.3	3
7099	Task load modulates tDCS effects on brain network for phonological processing. <i>Cognitive Processing</i> , 2020, 21, 341-363.	0.7	9
7100	Testing for Equivalence of Network Distribution Using Subgraph Counts. <i>Journal of Computational and Graphical Statistics</i> , 2020, 29, 455-465.	0.9	5
7101	Decomposing Simon task BOLD activation using a drift-diffusion model framework. <i>Scientific Reports</i> , 2020, 10, 3938.	1.6	2
7102	B0-field dependence of MRI T1 relaxation in human brain. <i>NeuroImage</i> , 2020, 213, 116700.	2.1	25
7103	Concordance Between Transcranial Magnetic Stimulation and Functional Magnetic Resonance Imaging (MRI) Derived Localization of Language in a Clinical Cohort. <i>Journal of Child Neurology</i> , 2020, 35, 363-379.	0.7	5
7104	Limited capacity for ipsilateral secondary motor areas to support hand function poststroke. <i>Journal of Physiology</i> , 2020, 598, 2153-2167.	1.3	16
7105	Altered Rich-Club Organization and Regional Topology Are Associated With Cognitive Decline in Patients With Frontal and Temporal Gliomas. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 23.	1.0	23
7106	Data-Driven Quantitative Susceptibility Mapping Using Loss Adaptive Dipole Inversion (LADI). <i>Journal of Magnetic Resonance Imaging</i> , 2020, 52, 823-835.	1.9	3
7107	Incorporation of vasculature in a head injury model lowers local mechanical strains in dynamic impact. <i>Journal of Biomechanics</i> , 2020, 104, 109732.	0.9	27
7108	Fasting may increase incentive signaling for nonfood rewards. <i>Nutrition Research</i> , 2020, 77, 43-53.	1.3	3
7109	Consistent altered internal capsule white matter microstructure in insomnia disorder. <i>Sleep</i> , 2020, 43, .	0.6	11
7110	Network Centrality Reveals Dissociable Brain Activity during Response Inhibition in Human Right Ventral Part of Inferior Frontal Cortex. <i>Neuroscience</i> , 2020, 433, 163-173.	1.1	16
7111	White Matter Integrity in Tanzanian Children With Sickle Cell Anemia. <i>Stroke</i> , 2020, 51, 1166-1173.	1.0	13
7112	Effects of oxytocin administration and conditioned oxytocin on brain activity: An fMRI study. <i>PLoS ONE</i> , 2020, 15, e0229692.	1.1	6
7113	Altered Large-Scale Brain Functional Connectivity in Ocular Hypertension. <i>Frontiers in Neuroscience</i> , 2020, 14, 146.	1.4	10
7114	Apathy in frontotemporal dementia is related to medial prefrontal atrophy and is independent of executive dysfunction. <i>Brain Research</i> , 2020, 1737, 146799.	1.1	24
7115	Magnetic resonance imaging markers reflect cognitive outcome after rehabilitation in children with acquired brain injury. <i>European Journal of Radiology</i> , 2020, 126, 108963.	1.2	4

#	ARTICLE	IF	CITATIONS
7116	Eight-Year Experience With 3-T Intraoperative MRI Integration in Focal Pediatric Epilepsy Surgery: Impact on Extent of Resection, Residual Volumes, and Seizure Outcomes. <i>American Journal of Roentgenology</i> , 2020, 214, 1343-1351.	1.0	5
7117	Mirror Movements in Amyotrophic Lateral Sclerosis: A Combined Study Using Diffusion Tensor Imaging and Transcranial Magnetic Stimulation. <i>Frontiers in Neurology</i> , 2020, 11, 164.	1.1	6
7118	Impact of λ value on estimates of apparent fibre density. <i>Human Brain Mapping</i> , 2020, 41, 2583-2595.	1.9	64
7119	Resting state networks activity in euthymic bipolar disorder. <i>Bipolar Disorders</i> , 2020, 22, 593-601.	1.1	24
7120	Real-time Adaptive Design Optimization Within Functional MRI Experiments. <i>Computational Brain & Behavior</i> , 2020, 3, 400-429.	0.9	2
7121	Covarying structural alterations in laterality of the temporal lobe in schizophrenia: A case for source-based laterality. <i>NMR in Biomedicine</i> , 2020, 33, e4294.	1.6	6
7122	Imaging of neuroinflammation in adult Niemann-Pick type C disease. <i>Neurology</i> , 2020, 94, e1716-e1725.	1.5	13
7123	Functional connectivity correlates of infant and early childhood cognitive development. <i>Brain Structure and Function</i> , 2020, 225, 669-681.	1.2	35
7124	Examining the Causal Effects of Sleep Deprivation on Emotion Regulation and Its Neural Mechanisms. <i>Journal of Cognitive Neuroscience</i> , 2020, 32, 1289-1300.	1.1	10
7125	Associations between Age-Related Changes in the Core Vestibular Projection Pathway and Balance Ability: A Diffusion Tensor Imaging Study. <i>Behavioural Neurology</i> , 2020, 2020, 1-9.	1.1	11
7126	Detection of subtle gait disturbance and future fall risk in early multiple sclerosis. <i>Neurology</i> , 2020, 94, e1395-e1406.	1.5	25
7127	Stereotaxic Diffusion Tensor Imaging White Matter Atlas for the in vivo Domestic Feline Brain. <i>Frontiers in Neuroanatomy</i> , 2020, 14, 1.	0.9	19
7128	Imaging-genetics of sex differences in ASD: distinct effects of OXTR variants on brain connectivity. <i>Translational Psychiatry</i> , 2020, 10, 82.	2.4	31
7129	Efficacy of inpatient personalized multidisciplinary rehabilitation in multiple sclerosis: behavioural and functional imaging results. <i>Journal of Neurology</i> , 2020, 267, 1744-1753.	1.8	5
7130	Evidence for wakefulness-related changes to extracellular space in human brain white matter from diffusion-weighted MRI. <i>NeuroImage</i> , 2020, 212, 116682.	2.1	27
7131	Brain White Matter Correlates of Creativity in Schizophrenia: A Diffusion Tensor Imaging Study. <i>Frontiers in Neuroscience</i> , 2020, 14, 572.	1.4	5
7132	Distinct Functional Connectivity Signatures of Impaired Social Cognition in Multiple Sclerosis. <i>Frontiers in Neurology</i> , 2020, 11, 507.	1.1	21
7133	Case Report on Deep Brain Stimulation Rescue After Suboptimal MR-Guided Focused Ultrasound Thalamotomy for Essential Tremor: A Tractography-Based Investigation. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 191.	1.0	8

#	ARTICLE	IF	CITATIONS
7134	Brain structural connectome in relation to <scp>PRRT2</scp> mutations in paroxysmal kinesigenic dyskinesia. <i>Human Brain Mapping</i> , 2020, 41, 3855-3866.	1.9	11
7135	Pain and dyskinesia in Parkinson's disease may share common pathophysiological mechanisms – An fMRI study. <i>Journal of the Neurological Sciences</i> , 2020, 416, 116905.	0.3	6
7136	Abnormalities of effective connectivity and white matter microstructure in the triple network in patients with schizophrenia. <i>Psychiatry Research</i> , 2020, 290, 113019.	1.7	5
7137	Sulcal Pattern Variability and Dorsal Anterior Cingulate Cortex Functional Connectivity Across Adult Age. <i>Brain Connectivity</i> , 2020, 10, 267-278.	0.8	9
7138	Interpretable brain age prediction using linear latent variable models of functional connectivity. <i>PLoS ONE</i> , 2020, 15, e0232296.	1.1	16
7139	Pinpointing Neural Correlates of Attachment in Poly-Drug Use: A Diffusion Tensor Imaging Study. <i>Frontiers in Neuroscience</i> , 2020, 14, 596.	1.4	4
7140	Improved Visualization of Focal Cortical Dysplasia With Surface-Based Multiparametric Quantitative MRI. <i>Frontiers in Neuroscience</i> , 2020, 14, 622.	1.4	10
7141	White-matter integrity and hearing acuity decline in healthy subjects: Magnetic resonance tractography. <i>Neuroradiology Journal</i> , 2020, 33, 236-243.	0.6	2
7142	Resting-state brain and spinal cord networks in humans are functionally integrated. <i>PLoS Biology</i> , 2020, 18, e3000789.	2.6	37
7143	Multi-modal imaging reveals differential brain volumetric, biochemical, and white matter fiber responsivity to repeated intermittent ethanol vapor exposure in male and female rats. <i>Neuropharmacology</i> , 2020, 170, 108066.	2.0	9
7144	Assessing the spatial distribution of cervical spinal cord activity during tactile stimulation of the upper extremity in humans with functional magnetic resonance imaging. <i>NeuroImage</i> , 2020, 217, 116905.	2.1	14
7145	A Causal Network Analysis of Neuromodulation in the Mood Processing Network. <i>Neuron</i> , 2020, 107, 972-985.e6.	3.8	14
7146	Identifying psychosis spectrum youth using support vector machines and cerebral blood perfusion as measured by arterial spin labeled fMRI. <i>NeuroImage: Clinical</i> , 2020, 27, 102304.	1.4	5
7147	Statistical Learning Signals for Complex Visual Images in Macaque Early Visual Cortex. <i>Frontiers in Neuroscience</i> , 2020, 14, 789.	1.4	11
7148	Sex Differences in Internalizing Symptoms and Amygdala Functional Connectivity in Neurotypical Youth. <i>Developmental Cognitive Neuroscience</i> , 2020, 44, 100797.	1.9	14
7149	Resting State Functional Connectivity and Outcomes of Psychotherapies for Late-Life Depression. <i>American Journal of Geriatric Psychiatry</i> , 2020, 28, 859-868.	0.6	15
7150	Mapping typical and hypokinetic dysarthric speech production network using a connected speech paradigm in functional MRI. <i>NeuroImage: Clinical</i> , 2020, 27, 102285.	1.4	5
7151	ManifoldNet: A Deep Neural Network for Manifold-Valued Data With Applications. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2022, 44, 799-810.	9.7	29

#	ARTICLE	IF	CITATIONS
7152	Disrupted Relationship between Hippocampal Activation and Subsequent Memory Performance in Borderline Personality Disorder. <i>Journal of Affective Disorders</i> , 2020, 274, 1041-1048.	2.0	10
7153	Evolution of brain-wide activity in the awake behaving mouse after acute fear by longitudinal manganese-enhanced MRI. <i>NeuroImage</i> , 2020, 222, 116975.	2.1	9
7154	Sustained perturbation in functional connectivity induced by cold pain. <i>European Journal of Pain</i> , 2020, 24, 1850-1861.	1.4	6
7156	Optimizing data processing to improve the reproducibility of single-subject functional magnetic resonance imaging. <i>Brain and Behavior</i> , 2020, 10, e01617.	1.0	3
7157	Investigating the association between sleep quality and diffusion-derived structural integrity of white matter in early adolescence. <i>Journal of Adolescence</i> , 2020, 83, 12-21.	1.2	11
7158	MRI-guided voxel-based automatic semi-quantification of dopamine transporter imaging. <i>Physica Medica</i> , 2020, 75, 1-10.	0.4	3
7159	<p>Aberrant Executive Control and Auditory Networks in Recent-Onset Schizophrenia</p>. <i>Neuropsychiatric Disease and Treatment</i> , 2020, Volume 16, 1561-1570.	1.0	11
7160	Intracranial-EEG evidence for medial temporal pole driving amygdala activity induced by multi-modal emotional stimuli. <i>Cortex</i> , 2020, 130, 32-48.	1.1	12
7161	Cortical and subcortical functional specificity associated with response inhibition. <i>NeuroImage</i> , 2020, 220, 117110.	2.1	17
7162	Structural network efficiency predicts cognitive decline in cerebral small vessel disease. <i>NeuroImage: Clinical</i> , 2020, 27, 102325.	1.4	17
7163	Obesogenic diet-associated C-reactive protein predicts reduced central dopamine and corticostriatal functional connectivity in female rhesus monkeys. <i>Brain, Behavior, and Immunity</i> , 2020, 88, 166-173.	2.0	7
7164	Lateralized Connectivity between Globus Pallidus and Motor Cortex is Associated with Freezing of Gait in Parkinson's Disease. <i>Neuroscience</i> , 2020, 443, 44-58.	1.1	14
7165	Neuroinflammation and White Matter Alterations in Obesity Assessed by Diffusion Basis Spectrum Imaging. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 464.	1.0	56
7166	Miswiring of Frontostriatal Projections in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2020, 46, 990-998.	2.3	12
7167	Correlation of microglial activation with white matter changes in dementia with Lewy bodies. <i>NeuroImage: Clinical</i> , 2020, 25, 102200.	1.4	17
7168	The association between physical fitness parameters and white matter microstructure in older adults: A diffusion tensor imaging study. <i>Psychophysiology</i> , 2020, 57, e13539.	1.2	9
7169	Neural Mechanisms of Social and Nonsocial Reward Prediction Errors in Adolescents with Autism Spectrum Disorder. <i>Autism Research</i> , 2020, 13, 715-728.	2.1	21
7170	Test-retest reliability and minimal detectable change of corticospinal tract integrity in chronic stroke. <i>Human Brain Mapping</i> , 2020, 41, 2514-2526.	1.9	12

#	ARTICLE	IF	CITATIONS
7171	Resting State Functional Connectivity of the Thalamus in North Korean Refugees with and without Posttraumatic Stress Disorder. <i>Scientific Reports</i> , 2020, 10, 3194.	1.6	19
7172	Evaluating the Impact of White Matter Conductivity Anisotropy on Reconstructing EEG Sources by Linearly Constrained Minimum Variance Beamformer. <i>Advanced Biomedical Engineering</i> , 2020, 9, 53-61.	0.4	3
7173	Magnitude and timing of major white matter tract maturation from infancy through adolescence with NODDI. <i>NeuroImage</i> , 2020, 212, 116672.	2.1	58
7174	Automatic segmentation of true color sectioned images using FMRIB Software Library: First trial in brain, gray matter, and white matter. <i>Clinical Anatomy</i> , 2020, 33, 1197-1203.	1.5	5
7175	Multiparametric MRI characterization of level dependent differences in lumbar muscle size, quality, and microstructure. <i>JOR Spine</i> , 2020, 3, e1079.	1.5	4
7176	Test-retest reliability and long-term stability of three-tissue constrained spherical deconvolution methods for analyzing diffusion MRI data. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 2161-2173.	1.9	21
7177	Cognitive Deficit and White Matter Changes in Persons With Celiac Disease: A Population-Based Study. <i>Gastroenterology</i> , 2020, 158, 2112-2122.	0.6	34
7178	A novel method of evaluating semantic intrusion errors to distinguish between amyloid positive and negative groups on the Alzheimer's disease continuum. <i>Journal of Psychiatric Research</i> , 2020, 124, 131-136.	1.5	17
7179	Biomarkers for Traumatic Brain Injury: Data Standards and Statistical Considerations. <i>Journal of Neurotrauma</i> , 2021, 38, 2514-2529.	1.7	23
7180	Real-time fMRI feedback impacts brain activation, results in auditory hallucinations reduction: Part 1: Superior temporal gyrus -Preliminary evidence-. <i>Psychiatry Research</i> , 2020, 286, 112862.	1.7	16
7181	Reduced White Matter Integrity and Deficits in Neuropsychological Functioning in Adults With Autism Spectrum Disorder. <i>Autism Research</i> , 2020, 13, 702-714.	2.1	20
7182	Prognostic Prediction of Dysphagia by Analyzing the Corticobulbar Tract in the Early Stage of Intracerebral Hemorrhage. <i>Dysphagia</i> , 2020, 35, 985-992.	1.0	8
7183	Comparison of volumetric and shape changes of subcortical structures based on 3-dimensional image between obesity and normal-weighted subjects using 3.0 T MRI. <i>Journal of Clinical Neuroscience</i> , 2020, 73, 280-287.	0.8	13
7184	Consistently inconsistent: Multimodal episodic deficits in semantic aphasia. <i>Neuropsychologia</i> , 2020, 140, 107392.	0.7	3
7185	OnabotulinumtoxinA treatment for MS-tremor modifies fMRI tremor response in central sensory-motor integration areas. <i>Multiple Sclerosis and Related Disorders</i> , 2020, 40, 101984.	0.9	3
7186	Individual Variation in Functional Topography of Association Networks in Youth. <i>Neuron</i> , 2020, 106, 340-353.e8.	3.8	162
7187	Widespread white matter microstructural abnormalities and cognitive impairment in schizophrenia, bipolar disorder, and major depressive disorder: Tract-based spatial statistics study. <i>Psychiatry Research - Neuroimaging</i> , 2020, 298, 111045.	0.9	8
7188	Low frequency transcranial magnetic stimulation of right posterior parietal cortex reduces reaction time to perithreshold low spatial frequency visual stimuli. <i>Scientific Reports</i> , 2020, 10, 3162.	1.6	3

#	ARTICLE	IF	CITATIONS
7189	White matter extension of the Melbourne Children's Regional Infant Brain atlas: Mâ€CRIBâ€WM. Human Brain Mapping, 2020, 41, 2317-2333.	1.9	11
7190	Alterations and testâ€retest reliability of functional connectivity network measures in cerebral small vessel disease. Human Brain Mapping, 2020, 41, 2629-2641.	1.9	19
7191	Pattern Similarity Analyses of FrontoParietal Task Coding: Individual Variation and Genetic Influences. Cerebral Cortex, 2020, 30, 3167-3183.	1.6	20
7192	Amygdala response to emotional faces in adolescents with persistent post-concussion symptoms. NeuroImage: Clinical, 2020, 26, 102217.	1.4	7
7193	Pyramidal tract and alternate motor fibers complementarily mediate motor compensation in patients after hemispherotomy. Scientific Reports, 2020, 10, 1010.	1.6	7
7194	Resting-state fMRI detects alterations in whole brain connectivity related to tumor biology in glioma patients. Neuro-Oncology, 2020, 22, 1388-1398.	0.6	60
7195	Metaphor processing is supramodal semantic processing: The role of the bilateral lateral temporal regions in multimodal communication. Brain and Language, 2020, 205, 104772.	0.8	8
7196	What you learn & when you learn it: Impact of early bilingual & music experience on the structural characteristics of auditory-motor pathways. NeuroImage, 2020, 213, 116689.	2.1	13
7197	Motor abnormalities and basal ganglia in first-episode psychosis (FEP). Psychological Medicine, 2021, 51, 1625-1636.	2.7	12
7198	The empirical replicability of task-based fMRI as a function of sample size. NeuroImage, 2020, 212, 116601.	2.1	54
7199	Colocalized White Matter Plasticity and Increased Cerebral Blood Flow Mediate the Beneficial Effect of Cardiovascular Exercise on Long-Term Motor Learning. Journal of Neuroscience, 2020, 40, 2416-2429.	1.7	33
7200	Volume loss in the deep gray matter and thalamic subnuclei: a longitudinal study on disability progression in multiple sclerosis. Journal of Neurology, 2020, 267, 1536-1546.	1.8	35
7201	A comes before B, like 1 comes before 2. Is the parietal cortex sensitive to ordinal relationships in both numbers and letters? An fMRIâ€adaptation study. Human Brain Mapping, 2020, 41, 1591-1610.	1.9	10
7202	Alterations in Amygdala Connectivity in Internet Addiction Disorder. Scientific Reports, 2020, 10, 2370.	1.6	17
7203	Anterior and posterior hippocampus macroâ€and microstructure across the lifespan in relation to memoryâ€A longitudinal study. Hippocampus, 2020, 30, 678-692.	0.9	50
7204	White matter correlates of hemi-face dominance in happy and sad expression. Brain Structure and Function, 2020, 225, 1379-1388.	1.2	8
7205	Single and repeated ketamine treatment induces perfusion changes in sensory and limbic networks in major depressive disorder. European Neuropsychopharmacology, 2020, 33, 89-100.	0.3	27
7206	Serum vitamin D level is associated with speed of processing in multiple sclerosis patients. Journal of Steroid Biochemistry and Molecular Biology, 2020, 200, 105628.	1.2	5

#	ARTICLE	IF	CITATIONS
7207	Improving Spatial Normalization of Brain Diffusion MRI to Measure Longitudinal Changes of Tissue Microstructure in the Cortex and White Matter. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 52, 766-775.	1.9	7
7208	Improved susceptibility-weighted imaging for high contrast and resolution thalamic nuclei mapping at 7T. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 1218-1234.	1.9	14
7209	Changes in brain activity following the voluntary control of empathy. <i>NeuroImage</i> , 2020, 216, 116529.	2.1	19
7210	White Matter Integrity and Its Relationship to Cognitive-Motor Integration in Females with and without Post-Concussion Syndrome. <i>Journal of Neurotrauma</i> , 2020, 37, 1528-1536.	1.7	5
7211	Efficacy of three neuroprotective drugs in secondary progressive multiple sclerosis (MS-SMART): a phase 2b, multiarm, double-blind, randomised placebo-controlled trial. <i>Lancet Neurology</i> , The, 2020, 19, 214-225.	4.9	81
7212	Late Development of Navigationally Relevant Motion Processing in the Occipital Place Area. <i>Current Biology</i> , 2020, 30, 544-550.e3.	1.8	13
7213	Reduced Hippocampal Glutamate and Posterior Cingulate N-Acetyl Aspartate in Mild Cognitive Impairment and Alzheimer's Disease Is Associated with Episodic Memory Performance and White Matter Integrity in the Cingulum: A Pilot Study. <i>Journal of Alzheimer's Disease</i> , 2020, 73, 1385-1405.	1.2	37
7214	Reproducibility, reliability and variability of FA and MD in the older healthy population: A test-retest multiparametric analysis. <i>NeuroImage: Clinical</i> , 2020, 26, 102168.	1.4	37
7216	Human Brain Functional Network Organization Is Disrupted After Whole-Brain Radiation Therapy. <i>Brain Connectivity</i> , 2020, 10, 29-38.	0.8	17
7217	Medial prefrontal decoupling from the default mode network benefits memory. <i>NeuroImage</i> , 2020, 210, 116543.	2.1	19
7218	Modelling brain development to detect white matter injury in term and preterm born neonates. <i>Brain</i> , 2020, 143, 467-479.	3.7	44
7219	Therapeutic mechanisms of psilocybin: Changes in amygdala and prefrontal functional connectivity during emotional processing after psilocybin for treatment-resistant depression. <i>Journal of Psychopharmacology</i> , 2020, 34, 167-180.	2.0	92
7220	Functional Connectivity Fingerprints at Rest Are Similar across Youths and Adults and Vary with Genetic Similarity. <i>iScience</i> , 2020, 23, 100801.	1.9	31
7221	Inter-site harmonization based on dual generative adversarial networks for diffusion tensor imaging: application to neonatal white matter development. <i>BioMedical Engineering OnLine</i> , 2020, 19, 4.	1.3	27
7222	Differential tDCS and tACS Effects on Working Memory-Related Neural Activity and Resting-State Connectivity. <i>Frontiers in Neuroscience</i> , 2019, 13, 1440.	1.4	59
7223	Structural brain changes in young males addicted to video-gaming. <i>Brain and Cognition</i> , 2020, 139, 105518.	0.8	17
7224	Word contexts enhance the neural representation of individual letters in early visual cortex. <i>Nature Communications</i> , 2020, 11, 321.	5.8	31
7225	White matter structure and myelin-related gene expression alterations with experience in adult rats. <i>Progress in Neurobiology</i> , 2020, 187, 101770.	2.8	30

#	ARTICLE	IF	CITATIONS
7226	Association of naturally occurring sleep loss with reduced amygdala resting-state functional connectivity following psychosocial stress. <i>Psychoneuroendocrinology</i> , 2020, 114, 104585.	1.3	7
7227	Ultra High Field fMRI of Human Superior Colliculi Activity during Affective Visual Processing. <i>Scientific Reports</i> , 2020, 10, 1331.	1.6	15
7228	Investigating Gray and White Matter Structural Substrates of Sex Differences in the Narrative Abilities of Healthy Adults. <i>Frontiers in Neuroscience</i> , 2020, 13, 1424.	1.4	8
7229	Prominent White Matter Involvement in Multiple System Atrophy of Cerebellar Type. <i>Movement Disorders</i> , 2020, 35, 816-824.	2.2	15
7230	Assessment of anesthesia on physiological stability and BOLD signal reliability during visual or acoustic stimulation in the cat. <i>Journal of Neuroscience Methods</i> , 2020, 334, 108603.	1.3	3
7231	Anatomical Connectivity of the Visuospatial Attentional Network in Schizophrenia: A Diffusion Tensor Imaging Tractography Study. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2020, 32, 266-273.	0.9	7
7232	Ultra-early neurologic outcome prediction of out-of-hospital cardiac arrest survivors using combined diffusion-weighted imaging findings and quantitative analysis of apparent diffusion coefficient. <i>Resuscitation</i> , 2020, 148, 39-48.	1.3	21
7233	Nonreplication of functional connectivity differences in autism spectrum disorder across multiple sites and denoising strategies. <i>Human Brain Mapping</i> , 2020, 41, 1334-1350.	1.9	50
7234	Penumbra-based radiomics signature as prognostic biomarkers for thrombolysis of acute ischemic stroke patients: a multicenter cohort study. <i>Journal of Neurology</i> , 2020, 267, 1454-1463.	1.8	31
7235	Discriminating VCID subgroups: A diffusion MRI multi-model fusion approach. <i>Journal of Neuroscience Methods</i> , 2020, 335, 108598.	1.3	6
7236	The importance of the fibre tracts connecting the planum temporale in absolute pitch possessors. <i>NeuroImage</i> , 2020, 211, 116590.	2.1	17
7237	Comparison of brain connectomes by MRI and genomics and its implication in Alzheimer's disease. <i>BMC Medicine</i> , 2020, 18, 23.	2.3	6
7238	Functional, anatomical and diffusion tensor MRI study of radiology expertise. <i>PLoS ONE</i> , 2020, 15, e0231900.	1.1	4
7239	Cerebellar structural connectivity and contributions to cognition in frontotemporal dementias. <i>Cortex</i> , 2020, 129, 57-67.	1.1	21
7240	Cingulum-Callosal white-matter microstructure associated with emotional dysregulation in children: A diffusion tensor imaging study. <i>NeuroImage: Clinical</i> , 2020, 27, 102266.	1.4	18
7241	Default mode network functional connectivity after multiple concussions in children and adolescents. <i>Archives of Clinical Neuropsychology</i> , 2020, 35, 302-311.	0.3	17
7242	Maternal depression is associated with altered functional connectivity between neural circuits related to visual, auditory, and cognitive processing during stories listening in preschoolers. <i>Behavioral and Brain Functions</i> , 2020, 16, 5.	1.4	12
7243	Linking Pain Sensation to the Autonomic Nervous System: The Role of the Anterior Cingulate and Periaqueductal Gray Resting-State Networks. <i>Frontiers in Neuroscience</i> , 2020, 14, 147.	1.4	45

#	ARTICLE	IF	CITATIONS
7244	Correcting Task fMRI Signals for Variability in Baseline CBF Improves BOLD-Behavior Relationships: A Feasibility Study in an Aging Model. <i>Frontiers in Neuroscience</i> , 2020, 14, 336.	1.4	12
7245	Sex Differences in Functional Connectivity of the Salience, Default Mode, and Central Executive Networks in Youth with ASD. <i>Cerebral Cortex</i> , 2020, 30, 5107-5120.	1.6	46
7246	Automated Hierarchy Evaluation System of Large Vessel Occlusion in Acute Ischemia Stroke. <i>Frontiers in Neuroinformatics</i> , 2020, 14, 13.	1.3	20
7247	Model-Based and Model-Free Analyses of the Neural Correlates of Tongue Movements. <i>Frontiers in Neuroscience</i> , 2020, 14, 226.	1.4	5
7248	Ex Vivo MRI Analytical Methods and Brain Pathology in Preterm Lambs Treated with Postnatal Dexamethasone. <i>Brain Sciences</i> , 2020, 10, 211.	1.1	5
7249	Serum epidermal growth factor, clinical illness course, and limbic brain volumes in early-stage bipolar disorder. <i>Journal of Affective Disorders</i> , 2020, 270, 30-35.	2.0	5
7250	fMRI-guided white matter connectivity in fluid and crystallized cognitive abilities in healthy adults. <i>NeuroImage</i> , 2020, 215, 116809.	2.1	4
7251	Conventional magnetic resonance imaging-based radiomic signature predicts telomerase reverse transcriptase promoter mutation status in grade II and III gliomas. <i>Neuroradiology</i> , 2020, 62, 803-813.	1.1	23
7252	A validation study of manual atrophy measures in patients with Multiple Sclerosis. <i>Neuroradiology</i> , 2020, 62, 955-964.	1.1	10
7253	Comparison of Differences in Brain Structure Between Teenagers and Twenties Brain Using 3T Magnetic Resonance Imaging. <i>Applied Magnetic Resonance</i> , 2020, 51, 255-276.	0.6	1
7254	Neural bases of unconscious orienting of attention in hemianopic patients: Hemispheric differences. <i>Cortex</i> , 2020, 127, 269-289.	1.1	5
7255	Dynamic tractography: Integrating cortico-cortical evoked potentials and diffusion imaging. <i>NeuroImage</i> , 2020, 215, 116763.	2.1	40
7256	Aberrant posterior cingulate connectivity classify first-episode schizophrenia from controls: A machine learning study. <i>Schizophrenia Research</i> , 2020, 220, 187-193.	1.1	14
7257	Neural correlates of conceptual-level fear generalization in posttraumatic stress disorder. <i>Neuropsychopharmacology</i> , 2020, 45, 1380-1389.	2.8	35
7258	Functional brain network reconfiguration during learning in a dynamic environment. <i>Nature Communications</i> , 2020, 11, 1682.	5.8	25
7259	Temporal Signal-to-Noise Changes in Combined Multislice- and In-Plane-Accelerated Echo-Planar Imaging with a 20- and 64-Channel Coil. <i>Scientific Reports</i> , 2020, 10, 5536.	1.6	13
7260	Functional Connectivity of Hippocampal CA3 Predicts Neurocognitive Aging via CA1 Frontal Circuit. <i>Cerebral Cortex</i> , 2020, 30, 4297-4305.	1.6	12
7261	A daytime nap restores hippocampal function and improves declarative learning. <i>Sleep</i> , 2020, 43, .	0.6	22

#	ARTICLE	IF	CITATIONS
7262	Cognitive processing speed in multiple sclerosis clinical practice: association with patient-reported outcomes, employment and magnetic resonance imaging metrics. <i>European Journal of Neurology</i> , 2020, 27, 1238-1249.	1.7	26
7263	Acute Hyperglycemia Increases Brain Pregenual Anterior Cingulate Cortex Glutamate Concentrations in Type 1 Diabetes. <i>Diabetes</i> , 2020, 69, 1528-1539.	0.3	13
7264	Substantia Nigra Volume Dissociates Bradykinesia and Rigidity from Tremor in Parkinson's Disease: A 7 Tesla Imaging Study. <i>Journal of Parkinson's Disease</i> , 2020, 10, 591-604.	1.5	16
7265	Peak Width of Skeletonized Water Diffusion MRI in the Neonatal Brain. <i>Frontiers in Neurology</i> , 2020, 11, 235.	1.1	17
7266	Distribution of Cortical Diffusion Tensor Imaging Changes in Multiple Sclerosis. <i>Frontiers in Physiology</i> , 2020, 11, 116.	1.3	13
7267	Effects of Recreational GHB Use and Multiple GHB-Induced Comas on Brain Structure and Impulsivity. <i>Frontiers in Psychiatry</i> , 2020, 11, 166.	1.3	8
7268	Early putamen hypertrophy and ongoing hippocampus atrophy predict cognitive performance in the first ten years of relapsing-remitting multiple sclerosis. <i>Neurological Sciences</i> , 2020, 41, 2893-2904.	0.9	8
7269	Vertex nomination: The canonical sampling and the extended spectral nomination schemes. <i>Computational Statistics and Data Analysis</i> , 2020, 145, 106916.	0.7	6
7270	Structural connectivity to reconstruct brain activation and effective connectivity between brain regions. <i>Journal of Neural Engineering</i> , 2020, 17, 035006.	1.8	6
7271	Diffusion Properties of Normal-Appearing White Matter Microstructure and Severity of Motor Impairment in Acute Ischemic Stroke. <i>American Journal of Neuroradiology</i> , 2020, 41, 71-78.	1.2	9
7272	Diagnosis of Dizziness Due to a Core Vestibular Projection Injury in a Patient with Intracerebral Hemorrhage. <i>Diagnostics</i> , 2020, 10, 220.	1.3	4
7273	Supplementation with a putative calorie restriction mimetic micronutrient blend increases glutathione concentrations and improves neuroenergetics in brain of healthy middle-aged men and women. <i>Free Radical Biology and Medicine</i> , 2020, 153, 112-121.	1.3	3
7274	Changes in white matter fiber density and morphology across the adult lifespan: A cross-sectional fiber-based analysis. <i>Human Brain Mapping</i> , 2020, 41, 3198-3211.	1.9	34
7275	Metastable neural dynamics underlies cognitive performance across multiple behavioural paradigms. <i>Human Brain Mapping</i> , 2020, 41, 3212-3234.	1.9	28
7276	Clinical and Magnetic Resonance Imaging Outcome Predictors in Pediatric Anti-N-methyl-D-aspartate Receptor Encephalitis. <i>Annals of Neurology</i> , 2020, 88, 148-159.	2.8	26
7277	The ENIGMA Stroke Recovery Working Group: Big data neuroimaging to study brain-behavior relationships after stroke. <i>Human Brain Mapping</i> , 2022, 43, 129-148.	1.9	54
7278	Aberrancies of Brain Network Structures in Patients with Anosmia. <i>Brain Topography</i> , 2020, 33, 403-411.	0.8	13
7279	A Fully Automatic Method for Optic Radiation Tractography Applicable to Multiple Sclerosis Patients. <i>Brain Topography</i> , 2020, 33, 533-544.	0.8	2

#	ARTICLE	IF	CITATIONS
7280	Unified and disease specific alterations to brain structure in patients across six categories of mental disorders who experience own-thought auditory verbal hallucinations: A pilot study. <i>Brain Research Bulletin</i> , 2020, 160, 33-39.	1.4	3
7281	Predicting differential diagnosis between bipolar and unipolar depression with multiple kernel learning on multimodal structural neuroimaging. <i>European Neuropsychopharmacology</i> , 2020, 34, 28-38.	0.3	36
7282	Intra- and interhemispheric white matter tract associations with auditory spatial processing: Distinct normative and aging effects. <i>NeuroImage</i> , 2020, 215, 116792.	2.1	3
7283	Higher performers upregulate brain signal variability in response to more feature-rich visual input. <i>NeuroImage</i> , 2020, 217, 116836.	2.1	27
7284	Altered diffusion in motor white matter tracts in psychosis patients with catatonia. <i>Schizophrenia Research</i> , 2020, 220, 210-217.	1.1	23
7285	White matter microstructure predicts foreign language learning in army interpreters. <i>Bilingualism</i> , 2020, 23, 763-771.	1.0	4
7286	Primate auditory prototype in the evolution of the arcuate fasciculus. <i>Nature Neuroscience</i> , 2020, 23, 611-614.	7.1	53
7287	Neural basis of interindividual variability in social perception in typically developing children and adolescents using diffusion tensor imaging. <i>Scientific Reports</i> , 2020, 10, 6379.	1.6	2
7288	Long-term cognitive trajectory and activities of daily living in healthy aging. <i>Clinical Neuropsychologist</i> , 2021, 35, 1381-1397.	1.5	9
7289	Mapping Short Association Fibers in the Early Cortical Visual Processing Stream Using In Vivo Diffusion Tractography. <i>Cerebral Cortex</i> , 2020, 30, 4496-4514.	1.6	40
7290	Neural Mechanisms of Vicarious Reward Processing in Adults with Autism Spectrum Disorder. <i>Autism Research & Treatment</i> , 2020, 2020, 1-12.	0.1	3
7291	Cortical topological network changes following optic neuritis. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2020, 7, e687.	3.1	8
7292	Developmental Dynamic Dysphasia: Are Bilateral Brain Abnormalities a Signature of Inefficient Neural Plasticity?. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 73.	1.0	4
7293	Neurological manifestations of Erdheim-Chester Disease. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 497-506.	1.7	23
7294	Repetitive mTBI is associated with age-related reductions in cerebral blood flow but not cortical thickness. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 431-444.	2.4	17
7295	Altered white matter structural networks in drug-naïve patients with obsessive-compulsive disorder. <i>Brain Imaging and Behavior</i> , 2021, 15, 700-710.	1.1	8
7296	The changes of brain functional networks in young adult smokers based on independent component analysis. <i>Brain Imaging and Behavior</i> , 2021, 15, 788-797.	1.1	7
7297	Structural network performance for early diagnosis of spastic cerebral palsy in periventricular white matter injury. <i>Brain Imaging and Behavior</i> , 2021, 15, 855-864.	1.1	4

#	ARTICLE	IF	CITATIONS
7298	Compromised resting cerebral metabolism after sport-related concussion: A calibrated MRI study. <i>Brain Imaging and Behavior</i> , 2021, 15, 133-146.	1.1	12
7299	White Matter Abnormalities in Retired Professional Rugby League Players with a History of Concussion. <i>Journal of Neurotrauma</i> , 2021, 38, 983-988.	1.7	20
7300	Multi-Scale Time-Series Kernel-Based Learning Method for Brain Disease Diagnosis. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021, 25, 209-217.	3.9	16
7301	Underconnectivity Between Visual and Salience Networks and Links With Sensory Abnormalities in Autism Spectrum Disorders. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2021, 60, 274-285.	0.3	10
7302	N-acetylcysteine reduces cocaine-seeking behavior and anterior cingulate glutamate/glutamine levels among cocaine-dependent individuals. <i>Addiction Biology</i> , 2021, 26, e12900.	1.4	24
7303	An exploratory proton MRS examination of gamma-aminobutyric acid, glutamate, and glutamine and their relationship to affective aspects of chronic pain. <i>Neuroscience Research</i> , 2021, 163, 10-17.	1.0	10
7304	Greater functional connectivity between sensory networks is related to symptom severity in toddlers with autism spectrum disorder. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2021, 62, 160-170.	3.1	19
7305	Sex differences in the brains of capuchin monkeys (<i>Sapajus [Cebus] apella</i>). <i>Journal of Comparative Neurology</i> , 2021, 529, 327-339.	0.9	6
7306	Brain Regions Identified as Being Associated With Verbal Reasoning Through the Use of Imaging Regression via Internal Variation. <i>Journal of the American Statistical Association</i> , 2021, 116, 144-158.	1.8	4
7307	Preservation of Gray Matter Volume in Early Stage of Bipolar Disorder: A Case for Early Intervention: PrÃ©servation du volume de matiÃ©re grise au stade prÃ©coce du trouble bipolaire: un cas pour intervention prÃ©coce. <i>Canadian Journal of Psychiatry</i> , 2021, 66, 139-146.	0.9	8
7308	Mapping Structural Connectivity Using Diffusion \langle scp \rangle MRI: Challenges and Opportunities. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 53, 1666-1682.	1.9	95
7309	Multimodal assessment of white matter microstructure in antipsychotic-naïve schizophrenia patients and confounding effects of recreational drug use. <i>Brain Imaging and Behavior</i> , 2021, 15, 36-48.	1.1	6
7310	Lithium prevents grey matter atrophy in patients with bipolar disorder: an international multicenter study. <i>Psychological Medicine</i> , 2021, 51, 1201-1210.	2.7	15
7311	Disrupted upregulation of salience network connectivity during acute stress in siblings of schizophrenia patients. <i>Psychological Medicine</i> , 2021, 51, 1038-1048.	2.7	13
7312	Brain free water alterations in first-episode psychosis: a longitudinal analysis of diagnosis, course of illness, and medication effects. <i>Psychological Medicine</i> , 2021, 51, 1001-1010.	2.7	11
7313	Brain Structural-Behavioral Correlates Underlying Grooved Pegboard Test Performance Across Lifespan. <i>Journal of Motor Behavior</i> , 2021, 53, 373-384.	0.5	5
7314	Impact of autologous haematopoietic stem cell transplantation on disability and brain atrophy in secondary progressive multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2021, 27, 61-70.	1.4	16
7315	White matter microstructure in schizophrenia patients with a history of violence. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2021, 271, 623-634.	1.8	15

#	ARTICLE	IF	CITATIONS
7316	Role of BDNF in the development of an OFC-amygdala circuit regulating sociability in mouse and human. <i>Molecular Psychiatry</i> , 2021, 26, 955-973.	4.1	32
7317	Quantitative Evaluations of Geometrical Distortion Corrections in Cortical Surface-Based Analysis of High-Resolution Functional MRI Data at 7T. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 53, 1220-1234.	1.9	15
7318	Synchronous nonmonotonic changes in functional connectivity and white matter integrity in a rat model of sporadic Alzheimer's disease. <i>NeuroImage</i> , 2021, 225, 117498.	2.1	14
7319	Diffuse white matter loss in a transgenic rat model of cerebral amyloid angiopathy. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 1103-1118.	2.4	12
7320	Neural Modulation in Approach-Avoidance Conflicts in Externalizing Psychopathology. <i>Brain Imaging and Behavior</i> , 2021, 15, 1007-1024.	1.1	1
7321	B ₀ shimming of the human heart at 7T. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 182-196.	1.9	13
7322	Performance of machine learning classification models of autism using resting-state fMRI is contingent on sample heterogeneity. <i>Neural Computing and Applications</i> , 2021, 33, 3299-3310.	3.2	30
7323	Material hardship, prefrontal cortex-amygdala structure, and internalizing symptoms in children. <i>Developmental Psychobiology</i> , 2021, 63, 364-377.	0.9	9
7324	Neurobiological effects of perceived stress are different between adolescents and middle-aged adults. <i>Brain Imaging and Behavior</i> , 2021, 15, 846-854.	1.1	19
7325	Plasma lipids are associated with white matter microstructural changes and axonal degeneration. <i>Brain Imaging and Behavior</i> , 2021, 15, 1043-1057.	1.1	10
7326	Pleasant Deep Pressure: Expanding the Social Touch Hypothesis. <i>Neuroscience</i> , 2021, 464, 3-11.	1.1	33
7327	Disrupted white matter connectivity and organization of brain structural connectomes in tuberous sclerosis complex patients with neuropsychiatric disorders using diffusion tensor imaging. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2021, 34, 189-200.	1.1	11
7328	Challenges and opportunities for neuroimaging in young patients with traumatic brain injury: a coordinated effort towards advancing discovery from the ENIGMA pediatric moderate/severe TBI group. <i>Brain Imaging and Behavior</i> , 2021, 15, 555-575.	1.1	8
7329	Changes in Intrinsic Brain Connectivity in Family-Focused Therapy Versus Standard Psychoeducation Among Youths at High Risk for Bipolar Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2021, 60, 458-469.	0.3	12
7330	Spatial navigation in early multiple sclerosis: a neglected cognitive marker of the disease?. <i>Journal of Neurology</i> , 2021, 268, 77-89.	1.8	5
7331	Subjective Cognitive Complaints Given in Questionnaire: Relationship With Brain Structure, Cognitive Performance and Self-Reported Depressive Symptoms in a 25-Year Retrospective Cohort Study. <i>American Journal of Geriatric Psychiatry</i> , 2021, 29, 217-226.	0.6	14
7332	Synergistic effects of HIV and marijuana use on functional brain network organization. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 104, 110040.	2.5	17
7333	Supervised Multidimensional Scaling and its Application in MRI-Based Individual Age Predictions. <i>Neuroinformatics</i> , 2021, 19, 219-231.	1.5	2

#	ARTICLE	IF	CITATIONS
7334	White Matter Correlates of Suicidality in Adults With Bipolar Disorder Who Have Been Prospectively Characterized Since Childhood. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 107-116.	1.1	3
7335	Depression and anxiety mediate the relationship between frontotemporal white matter integrity and quality of life in distressed young adults. <i>Journal of Psychiatric Research</i> , 2021, 132, 55-59.	1.5	14
7336	Neural correlates of conscious tactile perception: An analysis of BOLD activation patterns and graph metrics. <i>NeuroImage</i> , 2021, 224, 117384.	2.1	16
7337	The Subgrouping Structure of Newborns with Heterogenous Brainâ€Behavior Relationships. <i>Cerebral Cortex</i> , 2021, 31, 301-311.	1.6	13
7338	Normative vs. patient-specific brain connectivity in deep brain stimulation. <i>NeuroImage</i> , 2021, 224, 117307.	2.1	79
7339	White matter microstructure across the adult lifespan: A mixed longitudinal and cross-sectional study using advanced diffusion models and brain-age prediction. <i>NeuroImage</i> , 2021, 224, 117441.	2.1	122
7340	Cognitive Decline and White Matter Integrity Degradation in Myotonic Dystrophy Type I. <i>Journal of Neuroimaging</i> , 2021, 31, 192-198.	1.0	7
7341	Computing and visualising intraâ€voxel orientationâ€specific relaxationâ€diffusion features in the human brain. <i>Human Brain Mapping</i> , 2021, 42, 310-328.	1.9	35
7342	Prefrontal White Matter Abnormalities Associated With Pain Catastrophizing in Patients With Complex Regional Pain Syndrome. <i>Archives of Physical Medicine and Rehabilitation</i> , 2021, 102, 216-224.	0.5	10
7343	Cognitive subgroups in first episode bipolar I disorder: Relation to clinical and brain volumetric variables. <i>Acta Psychiatrica Scandinavica</i> , 2021, 143, 151-161.	2.2	18
7344	Impaired frontalâ€parietal control network in chronic prostatitis/chronic pelvic pain syndrome revealed by graph theoretical analysis: A DTI study. <i>European Journal of Neuroscience</i> , 2021, 53, 1060-1071.	1.2	16
7345	Digital biomarkers can highlight subtle clinical differences in radiologically isolated syndrome compared to healthy controls. <i>Journal of Neurology</i> , 2021, 268, 1316-1322.	1.8	5
7346	White matter microstructure and connectivity in patients with obsessiveâ€compulsive disorder and their unaffected siblings. <i>Acta Psychiatrica Scandinavica</i> , 2021, 143, 72-81.	2.2	9
7347	Evidence for the role of the dorsal ventral lateral posterior thalamic nucleus connectivity in deep brain stimulation for Gilles de la Tourette syndrome. <i>Journal of Psychiatric Research</i> , 2021, 132, 60-64.	1.5	7
7348	Preterm birth leads to impaired rich-club organization and fronto-paralimbic/limbic structural connectivity in newborns. <i>NeuroImage</i> , 2021, 225, 117440.	2.1	26
7349	Effects of repeated menstrual pain on empathic neural responses in women with primary dysmenorrhea across the menstrual cycle. <i>Human Brain Mapping</i> , 2021, 42, 345-356.	1.9	12
7350	Both activation and deactivation of functional networks support increased sentence processing costs. <i>NeuroImage</i> , 2021, 225, 117475.	2.1	8
7351	An Understanding of (Mis)Understanders: Exploring the Underlying Mechanisms of Concept Learning Using Functional Magnetic Resonance Imaging. <i>Mind, Brain, and Education</i> , 2021, 15, 129-138.	0.9	3

#	ARTICLE	IF	CITATIONS
7352	Multimodal structural neuroimaging markers of risk and recovery from posttrauma anhedonia: A prospective investigation. <i>Depression and Anxiety</i> , 2021, 38, 79-88.	2.0	19
7353	The effect of body mass index on hippocampal morphology and memory performance in late childhood and adolescence. <i>Hippocampus</i> , 2021, 31, 189-200.	0.9	10
7354	Associations Between Delay Discounting and Connectivity of the Valuation-control System in Healthy Young Adults. <i>Neuroscience</i> , 2021, 452, 295-310.	1.1	6
7355	Components of Executive Control in Autism Spectrum Disorder: A Functional Magnetic Resonance Imaging Examination of Dual-Mechanism Accounts. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 792-801.	1.1	0
7356	Cortical morphometry and neural dysfunction in Huntington's disease: a review. <i>European Journal of Neurology</i> , 2021, 28, 1406-1419.	1.7	6
7357	Inhibition of the supplementary motor area affects distribution of effort over time. <i>Cortex</i> , 2021, 134, 134-144.	1.1	6
7358	Magnetic resonance T1w/T2w ratio in the middle cerebellar peduncle might be a sensitive biomarker for multiple system atrophy. <i>European Radiology</i> , 2021, 31, 4277-4284.	2.3	8
7359	Rest-activity rhythms and white matter microstructure across the lifespan. <i>Sleep</i> , 2021, 44, .	0.6	5
7360	Free-water DTI estimates from single value data might seem plausible but must be interpreted with care. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 2537-2551.	1.9	30
7361	The neural substrate of noun morphological inflection: A rapid event-related fMRI study in Italian. <i>Neuropsychologia</i> , 2021, 151, 107699.	0.7	3
7362	Inter- and intra-tract analysis of white matter abnormalities in individuals with early-treated phenylketonuria (PKU). <i>Molecular Genetics and Metabolism</i> , 2021, 132, 11-18.	0.5	11
7363	Impairments of white matter tracts and connectivity alterations in five cognitive networks of patients with multiple sclerosis. <i>Clinical Neurology and Neurosurgery</i> , 2021, 201, 106424.	0.6	1
7364	Atlas55+: Brain Functional Atlas of Resting-State Networks for Late Adulthood. <i>Cerebral Cortex</i> , 2021, 31, 1719-1731.	1.6	21
7365	Predicting visual working memory with multimodal magnetic resonance imaging. <i>Human Brain Mapping</i> , 2021, 42, 1446-1462.	1.9	14
7366	Effects of substance misuse on reward-processing in patients with attention-deficit/hyperactivity disorder. <i>Neuropsychopharmacology</i> , 2021, 46, 622-631.	2.8	7
7367	A method to mitigate spatio-temporally varying task-correlated motion artifacts from overt speech fMRI paradigms in aphasia. <i>Human Brain Mapping</i> , 2021, 42, 1116-1129.	1.9	6
7368	Functional topography of anger and aggression in the human cerebellum. <i>NeuroImage</i> , 2021, 226, 117582.	2.1	28
7369	Neuroanatomical signatures of anorexia nervosa psychopathology: An exploratory MRI/DTI study in a mixed sample enriched for disease vulnerability. <i>Psychiatry Research - Neuroimaging</i> , 2021, 307, 111228.	0.9	0

#	ARTICLE	IF	CITATIONS
7370	Distinct neural substrates of individual differences in components of reading comprehension in adults with or without dyslexia. <i>NeuroImage</i> , 2021, 226, 117570.	2.1	9
7371	Myelin water imaging depends on white matter fiber orientation in the human brain. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 2221-2231.	1.9	35
7372	Childhood conduct problems are associated with reduced white matter fibre density and morphology. <i>Journal of Affective Disorders</i> , 2021, 281, 638-645.	2.0	8
7373	Behavioral, Physiological, and Neural Signatures of Surprise during Naturalistic Sports Viewing. <i>Neuron</i> , 2021, 109, 377-390.e7.	3.8	92
7374	Quantitative spinal cord MRI in MOG-antibody disease, neuromyelitis optica and multiple sclerosis. <i>Brain</i> , 2021, 144, 198-212.	3.7	41
7375	Reorganization of functional brain network architecture in chronic osteoarthritis pain. <i>Human Brain Mapping</i> , 2021, 42, 1206-1222.	1.9	39
7376	Hippocampal and Parahippocampal Gray Matter Structural Integrity Assessed by Multimodal Imaging Is Associated with Episodic Memory in Old Age. <i>Cerebral Cortex</i> , 2021, 31, 1464-1477.	1.6	17
7377	Independent Contributions of Dorsolateral Prefrontal Structure and Function to Working Memory in Healthy Older Adults. <i>Cerebral Cortex</i> , 2021, 31, 1732-1743.	1.6	18
7378	Reliability, sensitivity, and predictive value of <sc>fMRI</sc> during multiple object tracking as a marker of cognitive training gain in combination with <sc>tDCS</sc> in stroke survivors. <i>Human Brain Mapping</i> , 2021, 42, 1167-1181.	1.9	14
7379	Construction of embedded fMRI resting-state functional connectivity networks using manifold learning. <i>Cognitive Neurodynamics</i> , 2021, 15, 585-608.	2.3	16
7380	Wholeâ€ˆlab <sc>3D MR</sc> Spectroscopic Imaging of the Human Brain With Spiralâ€ˆOutâ€ˆIn Sampling at <sc>7T</sc>. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 53, 1237-1250.	1.9	5
7381	Longitudinal change in executive function is associated with impaired top-down frontolimbic regulation during reappraisal in older adults. <i>NeuroImage</i> , 2021, 225, 117488.	2.1	7
7382	Comparing neural correlates of conditioned inhibition between children with and without anxiety disorders â€ˆ A preliminary study. <i>Behavioural Brain Research</i> , 2021, 399, 112994.	1.2	10
7383	Structural abnormalities of cingulate cortex in patients with firstâ€ˆepisode drugâ€ˆnaïve schizophrenia comorbid with depressive symptoms. <i>Human Brain Mapping</i> , 2021, 42, 1617-1625.	1.9	13
7384	Sex hormones partially explain the sex-dependent effect of lifetime alcohol use on adolescent white matter microstructure. <i>Psychiatry Research - Neuroimaging</i> , 2021, 307, 111230.	0.9	4
7385	Delayed Judgments of Learning Are Associated With Activation of Information From Past Experiences: A Neurobiological Examination. <i>Psychological Science</i> , 2021, 32, 96-108.	1.8	4
7386	Altered Regional Brain Homogeneity of BOLD Signal in CADASIL: A Resting State fMRI Study. <i>Journal of Neuroimaging</i> , 2021, 31, 348-355.	1.0	4
7387	Diffusionâ€ˆPEPTIDE: Distortionâ€ˆand blurringâ€ˆfree diffusion imaging with selfâ€ˆnavigated motionâ€ˆcorrection and relaxometry capabilities. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 2417-2433.	1.9	7

#	ARTICLE	IF	CITATIONS
7388	Do increases in deep grey matter volumes after electroconvulsive therapy persist in patients with major depression? A longitudinal MRI-study. <i>Journal of Affective Disorders</i> , 2021, 281, 908-917.	2.0	6
7389	Using deep reinforcement learning to reveal how the brain encodes abstract state-space representations in high-dimensional environments. <i>Neuron</i> , 2021, 109, 724-738.e7.	3.8	25
7390	Short strides to important findings: A short interval longitudinal study of sleep quality, psychological distress and microstructure changes to the uncinate fasciculus in early adolescents. <i>International Journal of Developmental Neuroscience</i> , 2021, 81, 82-90.	0.7	5
7391	Improved reproducibility of diffusion MRI of the human brain with a four-way blip and down phase-encoding acquisition approach. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 2696-2708.	1.9	5
7392	Tractographic and Microstructural Analysis of the Dentato-Rubro-Thalamo-Cortical Tracts in Children Using Diffusion MRI. <i>Cerebral Cortex</i> , 2021, 31, 2595-2609.	1.6	13
7393	Intradialytic hypotension and relationship with cognitive function and brain morphometry. <i>CKJ: Clinical Kidney Journal</i> , 2021, 14, 1156-1164.	1.4	4
7394	In vivo detection of microstructural spinal cord lesions in dogs with degenerative myelopathy using diffusion tensor imaging. <i>Journal of Veterinary Internal Medicine</i> , 2021, 35, 352-362.	0.6	7
7395	Neural sensitivity to phonological characteristics is stable across the lifespan. <i>NeuroImage</i> , 2021, 225, 117511.	2.1	8
7396	Characteristics of fMRI responses to visual stimulation in anesthetized vs. awake mice. <i>NeuroImage</i> , 2021, 226, 117542.	2.1	46
7397	A general role for ventral white matter pathways in morphological processing: Going beyond reading. <i>NeuroImage</i> , 2021, 226, 117577.	2.1	8
7398	History of conditioned reward association disrupts inhibitory control: an examination of neural correlates. <i>NeuroImage</i> , 2021, 227, 117629.	2.1	4
7399	Interplay of circulating leptin and obesity in cognition and cerebral volumes in older adults. <i>Peptides</i> , 2021, 135, 170424.	1.2	6
7400	Content or status: Frontal and posterior cortical representations of object category and upcoming task goals in working memory. <i>Cortex</i> , 2021, 135, 61-77.	1.1	7
7401	Common fronto-temporal effective connectivity in humans and monkeys. <i>Neuron</i> , 2021, 109, 852-868.e8.	3.8	28
7402	The sequence of structural, functional and cognitive changes in multiple sclerosis. <i>NeuroImage: Clinical</i> , 2021, 29, 102550.	1.4	21
7403	Comparison and evaluation of distortion correction techniques on an MR-guided radiotherapy system. <i>Medical Physics</i> , 2021, 48, 691-702.	1.6	3
7404	Analyzing magnetic resonance imaging data from glioma patients using deep learning. <i>Computerized Medical Imaging and Graphics</i> , 2021, 88, 101828.	3.5	23
7405	SEPIA—Susceptibility mapping pipeline tool for phase images. <i>NeuroImage</i> , 2021, 227, 117611.	2.1	32

#	ARTICLE	IF	CITATIONS
7406	Diffusion-regularized susceptibility tensor imaging (DRSTI) of tissue microstructures in the human brain. <i>Medical Image Analysis</i> , 2021, 67, 101827.	7.0	16
7407	Implicit associative learning relates to basal ganglia gray matter microstructure in young and older adults. <i>Behavioural Brain Research</i> , 2021, 397, 112950.	1.2	11
7408	An equalâ€œTE ultrafast 3D gradientâ€œecho imaging method with high tolerance to magnetic susceptibility artifacts: Application to BOLD functional MRI. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 1986-2000.	1.9	2
7409	Cortical thickness as predictor of response to exercise in people with Parkinson's disease. <i>Human Brain Mapping</i> , 2021, 42, 139-153.	1.9	11
7410	Adaptive sliceâ€œspecific zâ€œshimming for 2D spoiled gradientâ€œecho sequences. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 818-830.	1.9	1
7411	Supracategorical fear information revealed by aversively conditioning multiple categories. <i>Cognitive Neuroscience</i> , 2021, 12, 28-39.	0.6	4
7412	Machine learning based white matter models with permeability: An experimental study in cuprizone treated in-vivo mouse model of axonal demyelination. <i>NeuroImage</i> , 2021, 224, 117425.	2.1	12
7413	Interhemispheric Relationship of Genetic Influence on Human Brain Connectivity. <i>Cerebral Cortex</i> , 2021, 31, 77-88.	1.6	8
7414	Distributed Code for Semantic Relations Predicts Neural Similarity during Analogical Reasoning. <i>Journal of Cognitive Neuroscience</i> , 2021, 33, 377-389.	1.1	11
7415	Brain Substrates of Time-Based Prospective Memory Decline in Aging: A Voxel-Based Morphometry and Diffusion Tensor Imaging Study. <i>Cerebral Cortex</i> , 2021, 31, 396-409.	1.6	6
7416	Characterization of regional differences in cerebral vascular response to breath holding using<scp>BOLD fMRI</scp>. <i>International Journal of Imaging Systems and Technology</i> , 2021, 31, 180-188.	2.7	4
7417	An optimal acquisition and postâ€œprocessing pipeline for hybrid IVIMâ€œDKI in head and neck. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 777-789.	1.9	7
7418	Improving <i>in vivo</i> human cerebral cortical surface reconstruction using data-driven super-resolution. <i>Cerebral Cortex</i> , 2021, 31, 463-482.	1.6	17
7419	A novel sequence to improve auditory functional MRI with variable silent delays. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 883-896.	1.9	3
7420	Two Neural Networks for Laughter: A Tractography Study. <i>Cerebral Cortex</i> , 2021, 31, 899-916.	1.6	23
7421	The Adapted Resistance Training with Instability Randomized Controlled Trial for Gait Automaticity. <i>Movement Disorders</i> , 2021, 36, 152-163.	2.2	9
7422	A Whole-Brain and Cross-Diagnostic Perspective on Functional Brain Network Dysfunction. <i>Cerebral Cortex</i> , 2021, 31, 547-561.	1.6	22
7423	Resting-State Fluctuations Underlie Free and Creative Verbal Behaviors in the Human Brain. <i>Cerebral Cortex</i> , 2021, 31, 213-232.	1.6	13

#	ARTICLE	IF	CITATIONS
7424	Automatic Alignment of Cranial CT Examinations to the Anterior Commissure/Posterior Commissure (ACPC) Reference Plane for Reliable Interpretation and Quality Assurance. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2021, 193, 61-67.	0.7	0
7425	Polarity of uncertainty representation during exploration and exploitation in ventromedial prefrontal cortex. <i>Nature Human Behaviour</i> , 2021, 5, 83-98.	6.2	40
7426	Paired test of matrix graphs and brain connectivity analysis. <i>Biostatistics</i> , 2021, 22, 402-420.	0.9	0
7427	Glutamine + glutamate level predicts the magnitude of microstructural organization in the gray matter in the healthy elderly. <i>International Psychogeriatrics</i> , 2021, 33, 21-29.	0.6	1
7428	Autobiographical memory and default mode network function in schizophrenia: an fMRI study. <i>Psychological Medicine</i> , 2021, 51, 121-128.	2.7	7
7429	Alterations in Diffusion Measures of White Matter Integrity Associated with Healthy Aging. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 945-954.	1.7	23
7430	Vasogenic Brain Edema During Maintenance Hemodialysis. <i>Clinical Neuroradiology</i> , 2021, 31, 217-224.	1.0	9
7431	Modeling motor task activation from resting-state fMRI using machine learning in individual subjects. <i>Brain Imaging and Behavior</i> , 2021, 15, 122-132.	1.1	9
7432	Volume Preserving Brain Lesion Segmentation. <i>Lecture Notes in Computer Science</i> , 2021, , 60-69.	1.0	0
7433	Plasma β -Amyloid Levels Associated With Structural Integrity Based on Diffusion Tensor Imaging in Subjective Cognitive Decline: The SILCODE Study. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 592024.	1.7	4
7434	Mapping Sex-Specific Neurodevelopmental Alterations in Neurite Density and Morphology in a Rat Genetic Model of Psychiatric Illness. <i>ENeuro</i> , 2021, 8, ENEURO.0426-20.2020.	0.9	1
7435	Brainstem network connectivity with mid-anterior insula predicts lower systolic blood pressure at rest in older adults with hypertension. <i>Journal of Human Hypertension</i> , 2021, 35, 1098-1108.	1.0	3
7436	Altered frontal-mediated inhibition and white matter connectivity in pediatric chronic tic disorders. <i>Experimental Brain Research</i> , 2021, 239, 955-965.	0.7	11
7438	Autoencoder-based Quality Assessment for Synthetic Diffusion-MRI Data. <i>Informatik Aktuell</i> , 2021, , 338-343.	0.4	1
7439	Social support is linked to mental health, quality of life, and motor function in multiple sclerosis. <i>Journal of Neurology</i> , 2021, 268, 1827-1836.	1.8	11
7440	Dynamic changes in white matter following traumatic brain injury and how diffuse axonal injury relates to cognitive domain. <i>Brain Injury</i> , 2021, 35, 275-284.	0.6	3
7441	Widespread white matter aberration is associated with the severity of apathy in amnesic Mild Cognitive Impairment: Tract-based spatial statistics analysis. <i>NeuroImage: Clinical</i> , 2021, 29, 102567.	1.4	14
7442	Dopaminergic restoration of prefrontal cortico-putaminal network in gene therapy for aromatic amino acid decarboxylase deficiency. <i>Brain Communications</i> , 2021, 3, fcab078.	1.5	12

#	ARTICLE	IF	CITATIONS
7443	Chimpanzee histology and functional brain imaging show that the paracingulate sulcus is not human-specific. <i>Communications Biology</i> , 2021, 4, 54.	2.0	26
7444	Cognitive ocular motor deficits and white matter damage chronically after sports-related concussion. <i>Brain Communications</i> , 2021, 3, fcab213.	1.5	4
7445	Diffusion MRI Fiber Orientation Distribution Function Estimation Using Voxel-Wise Spherical U-Net. <i>Mathematics and Visualization</i> , 2021, , 95-106.	0.4	8
7446	The neural bases of multimodal sensory integration in older adults. <i>International Journal of Behavioral Development</i> , 2021, 45, 409-417.	1.3	7
7447	Keeping weight off: Mindfulness-Based Stress Reduction alters amygdala functional connectivity during weight loss maintenance in a randomized control trial. <i>PLoS ONE</i> , 2021, 16, e0244847.	1.1	10
7448	Multimodal Imaging Analysis Reveals Frontal-Associated Networks in Relation to Individual Resilience Strength. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1123.	1.2	5
7449	Brain Age Estimation From MRI Using Cascade Networks With Ranking Loss. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 3400-3412.	5.4	37
7450	A simultaneous [11C]raclopride positron emission tomography and functional magnetic resonance imaging investigation of striatal dopamine binding in autism. <i>Translational Psychiatry</i> , 2021, 11, 33.	2.4	33
7451	Automatic brain lesion segmentation on standard magnetic resonance images: a scoping review. <i>BMJ Open</i> , 2021, 11, e042660.	0.8	14
7452	Mapping the orbitofrontal cortex using temporal fluctuations in cerebral blood flow. <i>Brain and Behavior</i> , 2021, 11, e02034.	1.0	3
7453	Changes of Structural Brain Network Following Repetitive Transcranial Magnetic Stimulation in Children With Bilateral Spastic Cerebral Palsy: A Diffusion Tensor Imaging Study. <i>Frontiers in Pediatrics</i> , 2020, 8, 617548.	0.9	5
7455	Thalamic atrophy in patients with pure hereditary spastic paraplegia type 4. <i>Journal of Neurology</i> , 2021, 268, 2429-2440.	1.8	5
7456	Reduced anxiety and changes in amygdala network properties in adolescents with training for awareness, resilience, and action (TARA). <i>NeuroImage: Clinical</i> , 2021, 29, 102521.	1.4	15
7457	Frontotemporal dementia subtypes based on behavioral inhibition deficits. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2021, 13, e12178.	1.2	6
7458	Neural correlates of distraction and reappraisal in the family context: Associations with symptoms of anxiety and depression in youth. <i>Child Neuropsychology</i> , 2021, 27, 573-586.	0.8	2
7459	Behavioral and Neural Signatures of Visual Imagery Vividness Extremes: Aphantasia versus Hyperphantasia. <i>Cerebral Cortex Communications</i> , 2021, 2, tgab035.	0.7	57
7461	Fast Diffusion Kurtosis Mapping of Human Brain at 7 Tesla With Hybrid Principal Component Analyses. <i>IEEE Access</i> , 2021, 9, 107965-107975.	2.6	2
7462	Tensor Factorization of Brain Structural Graph for Unsupervised Classification in Multiple Sclerosis. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
7463	Effects of Lifelong Musicianship on White Matter Integrity and Cognitive Brain Reserve. <i>Brain Sciences</i> , 2021, 11, 67.	1.1	13
7464	Altered structural connectome in non-lesional newly diagnosed focal epilepsy: Relation to pharmacoresistance. <i>NeuroImage: Clinical</i> , 2021, 29, 102564.	1.4	15
7465	Central functional reorganization and recovery following facial-hypoglossal neuroorrhaphy for facial paralysis. <i>NeuroImage: Clinical</i> , 2021, 32, 102782.	1.4	2
7466	Cognitive State Analysis, Understanding, and Decoding from the Perspective of Brain Connectivity. , 2021, , 1-35.		0
7467	Semantic intrusion errors as a function of age, amyloid, and volumetric loss: a confirmatory path analysis. <i>International Psychogeriatrics</i> , 2022, 34, 991-1001.	0.6	4
7468	Prognostic neuroimaging biomarkers of trauma-related psychopathology: resting-state fMRI shortly after trauma predicts future PTSD and depression symptoms in the AURORA study. <i>Neuropsychopharmacology</i> , 2021, 46, 1263-1271.	2.8	32
7469	Neural mapping of anhedonia across psychiatric diagnoses: A transdiagnostic neuroimaging analysis. <i>NeuroImage: Clinical</i> , 2021, 32, 102825.	1.4	14
7470	The Relations Between Physical Activity Level, Executive Function, and White Matter Microstructure in Older Adults. <i>Journal of Physical Activity and Health</i> , 2021, 18, 1286-1298.	1.0	5
7471	An Exploration of the Neural Network of Lance-Adams Syndrome: a Case Report. <i>Brain & Neurorehabilitation</i> , 2021, 14, .	0.4	1
7472	Effect of cognitive reserve on structural and functional MRI measures in healthy subjects: a multiparametric assessment. <i>Journal of Neurology</i> , 2021, 268, 1780-1791.	1.8	17
7473	Fronto-parietal involvement in chronic stroke motor performance when corticospinal tract integrity is compromised. <i>NeuroImage: Clinical</i> , 2021, 29, 102558.	1.4	17
7474	Biomimetic phantom with anatomical accuracy for evaluating brain volumetric measurements with magnetic resonance imaging. <i>Journal of Medical Imaging</i> , 2021, 8, 013503.	0.8	2
7475	White matter microstructure disruption in early stage amyloid pathology. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2021, 13, e12124.	1.2	16
7476	Correspondence between patterns of cerebral blood flow and structure in adolescents with and without bipolar disorder. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 0271678X2198924.	2.4	8
7477	A roadmap of brain recovery in a mouse model of concussion: insights from neuroimaging. <i>Acta Neuropathologica Communications</i> , 2021, 9, 2.	2.4	12
7478	MR Elastography demonstrates reduced white matter shear stiffness in early-onset hydrocephalus. <i>NeuroImage: Clinical</i> , 2021, 30, 102579.	1.4	12
7479	Hippocampal subfield imaging and fractional anisotropy show parallel changes in Alzheimer's disease tau progression using simultaneous tau-PET/MRI at 3T. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2021, 13, e12218.	1.2	5
7480	Age Differences of the Hierarchical Cognitive Control and the Frontal Rostro-Caudal Functional Brain Activation. <i>Cerebral Cortex</i> , 2022, 32, 2797-2815.	1.6	1

#	ARTICLE	IF	CITATIONS
7481	Nonparametric model for a tensor field based on high angular resolution diffusion imaging (HARDI). Statistical Inference for Stochastic Processes, 2021, 24, 445-476.	0.4	2
7482	Traumatic brain injury: a comparison of diffusion and volumetric magnetic resonance imaging measures. Brain Communications, 2021, 3, fcab006.	1.5	8
7483	Post-Traumatic Stress Disorder Is Associated with Neuropsychological Outcome but Not White Matter Integrity after Mild Traumatic Brain Injury. Journal of Neurotrauma, 2021, 38, 63-73.	1.7	10
7484	Hippocampal shape and asymmetry analysis by cascaded convolutional neural networks for Alzheimer's disease diagnosis. Brain Imaging and Behavior, 2021, 15, 2330-2339.	1.1	24
7485	Relationship Between White Matter Microstructure and Hallucination Severity in the Early Stages of Psychosis: A Diffusion Tensor Imaging Study. Schizophrenia Bulletin Open, 2021, 2, .	0.9	4
7486	Secondary Degeneration of White Matter After Focal Sensorimotor Cortical Ischemic Stroke in Rats. Frontiers in Neuroscience, 2020, 14, 611696.	1.4	6
7487	Rubik-Net: Learning Spatial Information via Rotation-Driven Convolutions for Brain Segmentation. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 289-300.	3.9	5
7488	Quad-Contrast Imaging: Simultaneous Acquisition of Four Contrast-Weighted Images (PD-Weighted,) Transactions on Medical Imaging, 2021, 40, 3617-3626.	5.4	5
7489	Lack of neural evidence for implicit language learning in 9-month-old infants at high risk for autism. Developmental Science, 2021, 24, e13078.	1.3	6
7490	Bioinformatics for Image Processing. , 2021, , 375-393.		0
7491	Brain imaging of executive function with the computerised multiple elements test. Brain Imaging and Behavior, 2021, 15, 2317-2329.	1.1	3
7492	Machine learning prediction of neurocognitive impairment among people with HIV using clinical and multimodal magnetic resonance imaging data. Journal of NeuroVirology, 2021, 27, 1-11.	1.0	17
7493	The interplay of emotional and social conceptual processes during moral reasoning in frontotemporal dementia. Brain, 2021, 144, 938-952.	3.7	21
7494	Intra-Areal Visual Topography in Primate Brains Mapped with Probabilistic Tractography of Diffusion-Weighted Imaging. Cerebral Cortex, 2022, 32, 2555-2574.	1.6	1
7495	Predicting MEG resting-state functional connectivity from microstructural information. Network Neuroscience, 2021, 5, 477-504.	1.4	20
7496	Comparison of Automated Brain Volume Measures by NeuroQuant vs. Freesurfer in Patients with Mild Cognitive Impairment: Effect of Slice Thickness. Yonsei Medical Journal, 2021, 62, 255.	0.9	13
7497	Default mode and salience network alterations in suicidal and non-suicidal self-injurious thoughts and behaviors in adolescents with depression. Translational Psychiatry, 2021, 11, 38.	2.4	39
7498	Development, validation, and pilot MRI safety study of a high-resolution, open source, whole body pediatric numerical simulation model. PLoS ONE, 2021, 16, e0241682.	1.1	12

#	ARTICLE	IF	CITATIONS
7499	Multimodal Image Analysis of Sexual Dimorphism in Developing Childhood Brain. <i>Brain Topography</i> , 2021, 34, 257-268.	0.8	4
7500	Collegiate athlete brain data for white matter mapping and network neuroscience. <i>Scientific Data</i> , 2021, 8, 56.	2.4	4
7502	Magnetic Resonance Imaging of Marmoset Monkeys. <i>ILAR Journal</i> , 2020, 61, 274-285.	1.8	8
7503	Neural Correlates of Knee Extension and Flexion Force Control: A Kinetically-Instrumented Neuroimaging Study. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 622637.	1.0	7
7504	Excitatory neuronal CHD8 in the regulation of neocortical development and sensory-motor behaviors. <i>Cell Reports</i> , 2021, 34, 108780.	2.9	18
7505	From Neurosurgical Planning to Histopathological Brain Tumor Characterization: Potentialities of Arcuate Fasciculus Along-Tract Diffusion Tensor Imaging Tractography Measures. <i>Frontiers in Neurology</i> , 2021, 12, 633209.	1.1	7
7506	Political uncertainty moderates neural evaluation of incongruent policy positions. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200138.	1.8	6
7507	Effective Tensor Sketching via Sparsification. <i>IEEE Transactions on Information Theory</i> , 2021, 67, 1356-1369.	1.5	3
7508	PREEMACS: Pipeline for preprocessing and extraction of the macaque brain surface. <i>NeuroImage</i> , 2021, 227, 117671.	2.1	10
7509	Hyperactivation of Posterior Default Mode Network During Self-Referential Processing in Children at Familial High-Risk for Psychosis. <i>Frontiers in Psychiatry</i> , 2021, 12, 613142.	1.3	2
7510	Deep Learning-based Classification of Resting-state fMRI Independent-component Analysis. <i>Neuroinformatics</i> , 2021, 19, 619-637.	1.5	12
7512	Neural Correlates of Long-Term Memory Enhancement Following Retrieval Practice. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 584560.	1.0	2
7513	Classification of multiple sclerosis based on patterns of <scp>CNS</scp> regional atrophy covariance. <i>Human Brain Mapping</i> , 2021, 42, 2399-2415.	1.9	10
7514	Is Migraine Associated to Brain Anatomical Alterations? New Data and Coordinate-Based Meta-analysis. <i>Brain Topography</i> , 2021, 34, 384-401.	0.8	14
7515	Audiovisual structural connectivity in musicians and non-musicians: a cortical thickness and diffusion tensor imaging study. <i>Scientific Reports</i> , 2021, 11, 4324.	1.6	10
7517	Impaired Limb Functional Outcome of Peripheral Nerve Regeneration Is Marked by Incomplete Recovery of Paw Muscle Atrophy and Brain Functional Connectivity in a Rat Forearm Nerve Repair Model. <i>Neural Plasticity</i> , 2021, 2021, 1-8.	1.0	1
7519	Parallel Transport Tractography. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 635-647.	5.4	23
7520	The Neural Correlates of Cued Reward Omission. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 615313.	1.0	8

#	ARTICLE	IF	CITATIONS
7521	Diffusion Tensor Imaging Detects Acute Pathology-Specific Changes in the P301L Tauopathy Mouse Model Following Traumatic Brain Injury. <i>Frontiers in Neuroscience</i> , 2021, 15, 611451.	1.4	5
7523	The Neurocognitive Effects of Bacopa monnieri and Cognitive Training on Markers of Brain Microstructure in Healthy Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 638109.	1.7	3
7524	Systematic Assessment of the Impact of DTI Methodology on Fractional Anisotropy Measures in Alzheimer's Disease. <i>Tomography</i> , 2021, 7, 20-38.	0.8	7
7525	Uncovering neurodevelopmental paths to autism spectrum disorder through an integrated analysis of developmental measures and neural sensitivity to faces. <i>Journal of Psychiatry and Neuroscience</i> , 2021, 46, E34-E43.	1.4	8
7528	Baseline resting-state functional connectivity determines subsequent pain ratings to a tonic ecologically valid experimental model of orofacial pain. <i>Pain</i> , 2021, 162, 2397-2404.	2.0	5
7529	Investigating the effects of healthy cognitive aging on brain functional connectivity using 4.7T resting-state functional magnetic resonance imaging. <i>Brain Structure and Function</i> , 2021, 226, 1067-1098.	1.2	15
7531	Cognitive impairment in mild traumatic brain injury: a diffusion kurtosis imaging and volumetric study. <i>Acta Radiologica</i> , 2022, 63, 504-512.	0.5	5
7532	Diffusion tensor imaging findings and neuropsychological performance in adults with TBI across the spectrum of severity in the chronic-phase. <i>Brain Injury</i> , 2021, 35, 536-546.	0.6	1
7535	The Protective Effects of Perceived Control During Repeated Exposure to Aversive Stimuli. <i>Frontiers in Neuroscience</i> , 2021, 15, 625816.	1.4	7
7536	Myelin development in cerebral gray and white matter during adolescence and late childhood. <i>NeuroImage</i> , 2021, 227, 117678.	2.1	37
7537	A randomized controlled trial investigating the impact of maternal dietary supplementation with pomegranate juice on brain injury in infants with IUGR. <i>Scientific Reports</i> , 2021, 11, 3569.	1.6	11
7538	White matter fascicles and cortical microstructure predict reading-related responses in human ventral temporal cortex. <i>NeuroImage</i> , 2021, 227, 117669.	2.1	16
7539	Fiber ball white matter modeling in focal epilepsy. <i>Human Brain Mapping</i> , 2021, 42, 2490-2507.	1.9	12
7540	Sex-specific differences in the association between body mass index and brain aging in young adults: Findings from the human connectome project. <i>Psychoneuroendocrinology</i> , 2021, 124, 105059.	1.3	8
7541	Ventromedial Prefrontal Cortex Activity and Sympathetic Allostasis During Value-Based Ambivalence. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 615796.	1.0	6
7545	Brain tissue volume estimation to detect Alzheimer's disease in magnetic resonance images. <i>Soft Computing</i> , 2021, 25, 10007-10017.	2.1	3
7546	Neural Basis of Biased Competition in Development: Sensory Competition in Visual Cortex of School-Aged Children. <i>Cerebral Cortex</i> , 2021, 31, 3107-3121.	1.6	4
7549	Structural dysconnectivity in offspring of individuals with bipolar disorder: The effect of co-existing clinical-high-risk for bipolar disorder. <i>Journal of Affective Disorders</i> , 2021, 281, 109-116.	2.0	4

#	ARTICLE	IF	CITATIONS
7550	PreQual: An automated pipeline for integrated preprocessing and quality assurance of diffusion weighted MRI images. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 456-470.	1.9	43
7551	SPECTRE – A novel dMRI visualization technique for the display of cerebral connectivity. <i>Human Brain Mapping</i> , 2021, 42, 2309-2321.	1.9	3
7553	Decoding Spatial Versus Non-spatial Processing in Auditory Working Memory. <i>Frontiers in Neuroscience</i> , 2021, 15, 637877.	1.4	5
7554	Lifetime Alcohol Use Influences the Association Between Future-Oriented Thought and White Matter Microstructure in Adolescents. <i>Alcohol and Alcoholism</i> , 2021, 56, 708-714.	0.9	0
7555	Structural and Functional Changes Are Related to Cognitive Status in Wilson’s Disease. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 610947.	1.0	9
7556	Different patterns of gray matter atrophy in behavioral variant frontotemporal dementia with and without episodic memory impairment. <i>International Journal of Geriatric Psychiatry</i> , 2021, 36, 1848-1857.	1.3	7
7557	Exploring the predictive value of lesion topology on motor function outcomes in a porcine ischemic stroke model. <i>Scientific Reports</i> , 2021, 11, 3814.	1.6	7
7558	Overestimation of grey matter atrophy in glioblastoma patients following radio(chemo)therapy. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2022, 35, 145-152.	1.1	3
7559	White matter alterations in glaucoma and monocular blindness differ outside the visual system. <i>Scientific Reports</i> , 2021, 11, 6866.	1.6	11
7560	Machine Learning-Based Classification of Dementia Types: MRI Study. , 2021, , .		0
7562	Expectancy changes the self-monitoring of voice identity. <i>European Journal of Neuroscience</i> , 2021, 53, 2681-2695.	1.2	7
7563	Long-term recovery from a minimally responsive state with recovery of an injured ascending reticular activating system. <i>Medicine (United States)</i> , 2021, 100, e23933.	0.4	4
7564	Knowledge transfer between brain lesion segmentation tasks with increased model capacity. <i>Computerized Medical Imaging and Graphics</i> , 2021, 88, 101842.	3.5	4
7565	A pilot study of the impact of an exercise intervention on brain structure, cognition, and psychosocial symptoms in individuals with relapsing-remitting multiple sclerosis. <i>Pilot and Feasibility Studies</i> , 2021, 7, 65.	0.5	5
7566	Distortion-free, high-isotropic-resolution diffusion MRI with gSlider BUDA-EPI and multicoil dynamic B ₀ shimming. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 791-803.	1.9	31
7567	Neural network of social interaction observation in marmosets. <i>ELife</i> , 2021, 10, .	2.8	22
7568	The Aging Brain Cohort (ABC) repository: The University of South Carolina’s multimodal lifespan database for studying the relationship between the brain, cognition, genetics and behavior in healthy aging. <i>NeuroImage Reports</i> , 2021, 1, 100008.	0.5	2
7569	Microstructural White Matter Alterations in Cognitively Impaired Patients at Early Stages of Multiple Sclerosis. <i>Clinical Neuroradiology</i> , 2021, 31, 993-1003.	1.0	3

#	ARTICLE	IF	CITATIONS
7572	Theory of mind processing in expectant fathers: Associations with prenatal oxytocin and parental attunement. <i>Developmental Psychobiology</i> , 2021, 63, 1549-1567.	0.9	13
7574	Free-water diffusion tensor imaging improves the accuracy and sensitivity of white matter analysis in Alzheimer's disease. <i>Scientific Reports</i> , 2021, 11, 6990.	1.6	39
7576	Consistency of independent component analysis for fMRI. <i>Journal of Neuroscience Methods</i> , 2021, 351, 109013.	1.3	2
7577	Tractography patterns of pedunculopontine nucleus deep brain stimulation. <i>Journal of Neural Transmission</i> , 2021, 128, 659-670.	1.4	4
7579	Algebraic relationship between the structural network's Laplacian and functional network's adjacency matrix is preserved in temporal lobe epilepsy subjects. <i>NeuroImage</i> , 2021, 228, 117705.	2.1	10
7580	Neural mechanisms of sexual decision-making in women with alcohol use disorder. <i>Psychopharmacology</i> , 2021, 238, 1867-1883.	1.5	1
7581	Neuronal hibernation following hippocampal demyelination. <i>Acta Neuropathologica Communications</i> , 2021, 9, 34.	2.4	9
7582	Real time and delayed effects of subcortical low intensity focused ultrasound. <i>Scientific Reports</i> , 2021, 11, 6100.	1.6	38
7583	Reduced white matter microstructure in bipolar disorder with and without psychosis. <i>Bipolar Disorders</i> , 2021, 23, 801-809.	1.1	3
7584	Diffusion Kurtosis Imaging Fiber Tractography of Major White Matter Tracts in Neurosurgery. <i>Brain Sciences</i> , 2021, 11, 381.	1.1	2
7585	The Effect of Congenital and Acquired Bilateral Anophthalmia on Brain Structure. <i>Neuro-Ophthalmology</i> , 2021, 45, 75-86.	0.4	0
7586	Neuroimaging, Urinary, and Plasma Biomarkers of Treatment Response in Huntington's Disease: Preclinical Evidence with the p75NTR Ligand LM11A-31. <i>Neurotherapeutics</i> , 2021, 18, 1039-1063.	2.1	16
7587	The Amsterdam Open MRI Collection, a set of multimodal MRI datasets for individual difference analyses. <i>Scientific Data</i> , 2021, 8, 85.	2.4	63
7588	Quantitative Multicomponent T2 Relaxation Showed Greater Sensitivity Than Flair Imaging to Detect Subtle Alterations at the Periphery of Lower Grade Gliomas. <i>Frontiers in Oncology</i> , 2021, 11, 651137.	1.3	9
7589	Apathy is associated with parietal cortical-subcortical dysfunction in ALS. <i>Cortex</i> , 2021, 145, 341-349.	1.1	12
7590	PIRACY: An Optimized Pipeline for Functional Connectivity Analysis in the Rat Brain. <i>Frontiers in Neuroscience</i> , 2021, 15, 602170.	1.4	12
7591	Tract Specificity of Age Effects on Diffusion Tensor Imaging Measures of White Matter Health. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 628865.	1.7	1
7592	Planning deficits in Huntington's disease: A brain structural correlation by voxel-based morphometry. <i>PLoS ONE</i> , 2021, 16, e0249144.	1.1	4

#	ARTICLE	IF	CITATIONS
7593	Thalamic morphology predicts the onset of freezing of gait in Parkinson's disease. <i>Npj Parkinson's Disease</i> , 2021, 7, 20.	2.5	19
7594	Structural brain alterations in young adult males with narcissistic personality disorder: a diffusion tensor imaging study. <i>International Journal of Neuroscience</i> , 2023, 133, 133-140.	0.8	3
7595	Diffusion imaging changes in the treated tract following focused ultrasound thalamotomy for tremor. <i>NeuroImage Reports</i> , 2021, 1, 100010.	0.5	1
7597	Personalized biomechanical tongue models based on diffusion-weighted MRI and validated using optical tracking of range of motion. <i>Biomechanics and Modeling in Mechanobiology</i> , 2021, 20, 1101-1113.	1.4	4
7598	A Prospective, Longitudinal Magnetic Resonance Imaging Evaluation of Cerebrovascular Reactivity and Infarct Development in Patients With Intracranial Stenosis. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 54, 912-922.	1.9	9
7599	Right inferior frontal gyrus implements motor inhibitory control via beta-band oscillations in humans. <i>ELife</i> , 2021, 10, .	2.8	42
7600	The Myelin Content of the Human Precentral Hand Knob Reflects Interindividual Differences in Manual Motor Control at the Physiological and Behavioral Level. <i>Journal of Neuroscience</i> , 2021, 41, 3163-3179.	1.7	24
7602	Auditory cortex hyperconnectivity before rTMS is correlated with tinnitus improvement. <i>Neurologia</i> , 2023, 38, 475-485.	0.3	2
7603	Weight gain as a risk factor for progressive neurochemical abnormalities in first episode mania patients: a longitudinal magnetic resonance spectroscopy study. <i>Psychological Medicine</i> , 2021, , 1-9.	2.7	1
7605	Brain pathology recapitulates physiology: A network meta-analysis. <i>Communications Biology</i> , 2021, 4, 301.	2.0	19
7607	MRI-Based Deep-Learning Method for Determining Glioma MGMT Promoter Methylation Status. <i>American Journal of Neuroradiology</i> , 2021, 42, 845-852.	1.2	53
7608	Expressive suppression to pain in others reduces negative emotion but not vicarious pain in the observer. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2021, 21, 292-310.	1.0	3
7609	The Influence of Acute SSRI Administration on White Matter Microstructure in Patients Suffering From Major Depressive Disorder and Healthy Controls. <i>International Journal of Neuropsychopharmacology</i> , 2021, 24, 542-550.	1.0	15
7610	Relating brain structure images to personality characteristics using 3D convolution neural network. <i>CAA Transactions on Intelligence Technology</i> , 2021, 6, 338-346.	3.4	3
7612	A Review of Publicly Available Automatic Brain Segmentation Methodologies, Machine Learning Models, Recent Advancements, and Their Comparison. <i>Annals of Neurosciences</i> , 2021, 28, 82-93.	0.9	32
7614	NutriBrain: protocol for a randomised, double-blind, controlled trial to evaluate the effects of a nutritional product on brain integrity in preterm infants. <i>BMC Pediatrics</i> , 2021, 21, 132.	0.7	3
7615	Corticospinal Tract and Related Grey Matter Morphometric Shape Analysis in ALS Phenotypes: A Fractal Dimension Study. <i>Brain Sciences</i> , 2021, 11, 371.	1.1	7
7616	A Comparative Analysis of MRI Automated Segmentation of Subcortical Brain Volumes in a Large Dataset of Elderly Subjects. <i>Neuroinformatics</i> , 2022, 20, 63-72.	1.5	6

#	ARTICLE	IF	CITATIONS
7617	A comprehensive data-driven analysis framework for detecting impairments in brain function networks with resting state fMRI in HIV-infected individuals on cART. <i>Journal of NeuroVirology</i> , 2021, 27, 239-248.	1.0	4
7620	White Matter Correlates of Theory of Mind in Patients With First-Episode Psychosis. <i>Frontiers in Psychiatry</i> , 2021, 12, 617683.	1.3	3
7621	Child physical activity as a modifier of the relationship between prenatal exposure to maternal overweight/obesity and neurocognitive outcomes in offspring. <i>International Journal of Obesity</i> , 2021, 45, 1310-1320.	1.6	2
7622	Asymmetric transcallosal conduction delay leads to finer bimanual coordination. <i>Brain Stimulation</i> , 2021, 14, 379-388.	0.7	19
7623	Longitudinal Reproducibility of Neurite Orientation Dispersion and Density Imaging (NODDI) Derived Metrics in the White Matter. <i>Neuroscience</i> , 2021, 457, 165-185.	1.1	17
7624	Apathy in small vessel cerebrovascular disease is associated with deficits in effort-based decision making. <i>Brain</i> , 2021, 144, 1247-1262.	3.7	25
7625	Anatomical location of the spinothalamic tract in the subcortical white matter in the human brain: A diffusion tensor imaging study. <i>Clinical Anatomy</i> , 2021, 34, 736-741.	1.5	5
7626	Reward and fictive prediction error signals in ventral striatum: asymmetry between factual and counterfactual processing. <i>Brain Structure and Function</i> , 2021, 226, 1553-1569.	1.2	1
7630	White matter abnormalities in adults with bipolar disorder type-II and unipolar depression. <i>Scientific Reports</i> , 2021, 11, 7541.	1.6	10
7631	Characterizing cerebral hemodynamics across the adult lifespan with arterial spin labeling MRI data from the Human Connectome Project-Aging. <i>NeuroImage</i> , 2021, 230, 117807.	2.1	31
7632	Network variants are similar between task and rest states. <i>NeuroImage</i> , 2021, 229, 117743.	2.1	41
7633	GAMER-MRI in Multiple Sclerosis Identifies the Diffusion-Based Microstructural Measures That Are Most Sensitive to Focal Damage: A Deep-Learning-Based Analysis and Clinico-Biological Validation. <i>Frontiers in Neuroscience</i> , 2021, 15, 647535.	1.4	4
7634	Resting-State Functional Connectivity Disruption as a Pathological Biomarker in Autosomal Dominant Alzheimer Disease. <i>Brain Connectivity</i> , 2021, 11, 239-249.	0.8	18
7635	Corpus Callosum Remodeling in Glioma: Constancy of Fiber Density and Anisotropy in MRI. <i>Canadian Journal of Neurological Sciences</i> , 2022, 49, 282-286.	0.3	0
7636	The Causal Role of Three Frontal Cortical Areas in Grasping. <i>Cerebral Cortex</i> , 2021, 31, 4274-4288.	1.6	3
7637	Early postnatal irradiation-induced age-dependent changes in adult mouse brain: MRI based characterization. <i>BMC Neuroscience</i> , 2021, 22, 28.	0.8	7
7638	Machine Learning Framework For Fully Automatic Quality Checking Of Rigid And Affine Registrations In Big Data Brain MRI. , 2021, , .		2
7639	Deep Learning Framework using Siamese Neural Network for Diagnosis of Autism from Brain Magnetic Resonance Imaging. , 2021, , .		10

#	ARTICLE	IF	CITATIONS
7640	Defining Hypoperfusion in Chronic Aphasia: An Individualized Thresholding Approach. <i>Brain Sciences</i> , 2021, 11, 491.	1.1	9
7642	Microstructural white matter alterations in Alzheimer's disease and amnesic mild cognitive impairment and its diagnostic value based on diffusion kurtosis imaging: a tract-based spatial statistics study. <i>Brain Imaging and Behavior</i> , 2022, 16, 31-42.	1.1	6
7643	Vascular health and diffusion properties of normal appearing white matter in midlife. <i>Brain Communications</i> , 2021, 3, fcab080.	1.5	7
7645	Basmisnil, a highly selective GABA _A - α 5 negative allosteric modulator: preclinical pharmacology and demonstration of functional target engagement in man. <i>Scientific Reports</i> , 2021, 11, 7700.	1.6	10
7646	Longitudinal analysis of T1w/T2w ratio in patients with multiple sclerosis from first clinical presentation. <i>Multiple Sclerosis Journal</i> , 2021, 27, 2180-2190.	1.4	12
7647	Cortically constrained shape recognition: Automated white matter tract segmentation validated in the pediatric brain. <i>Journal of Neuroimaging</i> , 2021, 31, 758-772.	1.0	2
7648	Ultra-High-Field Diffusion Tensor Imaging Identifies Discrete Patterns of Concussive Injury in the Rodent Brain. <i>Journal of Neurotrauma</i> , 2021, 38, 967-982.	1.7	8
7649	Tissue Probability Based Registration of Diffusion-Weighted Magnetic Resonance Imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 54, 1066-1076.	1.9	1
7650	MRI monitoring of macaque monkeys in neuroscience: Case studies, resource and normative data comparisons. <i>NeuroImage</i> , 2021, 230, 117778.	2.1	4
7651	Contributions of Cerebellar White Matter Microstructure to Social Difficulty in Nonverbal Learning Disability. <i>Cerebellum</i> , 2021, , 1.	1.4	1
7652	A Graphlet-Based Topological Characterization of the Resting-State Network in Healthy People. <i>Frontiers in Neuroscience</i> , 2021, 15, 665544.	1.4	3
7654	Understanding the role of aerobic fitness, spatial learning, and hippocampal subfields in adolescent males. <i>Scientific Reports</i> , 2021, 11, 9311.	1.6	7
7655	Elasticnetisdr to Reconstruct Both Sparse Brain Activity and Effective Connectivity. , 2021, , .		0
7656	Volume Reduction Techniques for the Classification of Independent Components of rs-fMRI Data: a Study with Convolutional Neural Networks. <i>Neuroinformatics</i> , 2021, , 1.	1.5	1
7657	Exercise Training-Related Changes in Cortical Gray Matter Diffusivity and Cognitive Function in Mild Cognitive Impairment and Healthy Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 645258.	1.7	14
7658	Psychosocial, Functional, and Emotional Correlates of Long-Term Opioid Use in Patients with Chronic Back Pain: A Cross-Sectional Case-Control Study. <i>Pain and Therapy</i> , 2021, 10, 691-709.	1.5	11
7659	Decoding Concurrent Representations of Pitch and Location in Auditory Working Memory. <i>Journal of Neuroscience</i> , 2021, 41, 4658-4666.	1.7	11
7660	White matter microstructural changes in short-term learning of a continuous visuomotor sequence. <i>Brain Structure and Function</i> , 2021, 226, 1677-1698.	1.2	6

#	ARTICLE	IF	CITATIONS
7661	The frontotemporal organization of the arcuate fasciculus and its relationship with speech perception in young and older amateur singers and non-singers. <i>Human Brain Mapping</i> , 2021, 42, 3058-3076.	1.9	13
7662	Identification of Deep Brain Stimulation Targets for Neuropathic Pain After Spinal Cord Injury Using Localized Increases in White Matter Fiber Cross Section. <i>Neuromodulation</i> , 2022, 25, 276-285.	0.4	3
7663	Neural Correlates of Successful Memory Encoding in Kindergarten and Early Elementary School Children: Longitudinal Trends and Effects of Schooling. <i>Cerebral Cortex</i> , 2021, 31, 3764-3779.	1.6	7
7664	Age of onset of adolescent binge drinking is differentially associated with cortical thickness in post-9/11 adult Veterans. <i>Alcoholism: Clinical and Experimental Research</i> , 2021, 45, 1065-1077.	1.4	5
7665	Arcuate fasciculus architecture is associated with individual differences in pre-attentive detection of unpredicted music changes. <i>NeuroImage</i> , 2021, 229, 117759.	2.1	14
7666	Altered Thalamocortical Connectivity in 6-Week-Old Infants at High Familial Risk for Autism Spectrum Disorder. <i>Cerebral Cortex</i> , 2021, 31, 4191-4205.	1.6	21
7667	Functional Networks Abnormalities in Autism Spectrum Disorder: Age-Related Hypo and Hyper Connectivity. <i>Brain Topography</i> , 2021, 34, 306-322.	0.8	30
7668	Multi-modal neuroimaging feature fusion via 3D Convolutional Neural Network architecture for schizophrenia diagnosis. <i>Intelligent Data Analysis</i> , 2021, 25, 527-540.	0.4	6
7669	Impact of brain shift on neural pathways in deep brain stimulation: a preliminary analysis via multi-physics finite element models. <i>Journal of Neural Engineering</i> , 2021, 18, 056009.	1.8	4
7670	Medullary and Hypothalamic Functional Magnetic Imaging During Acute Hypoxia in Tracing Human Peripheral Chemoreflex Responses. <i>Hypertension</i> , 2021, 77, 1372-1382.	1.3	9
7671	Sub-millimetre resolution laminar fMRI using Arterial Spin Labelling in humans at 7 T. <i>PLoS ONE</i> , 2021, 16, e0250504.	1.1	27
7672	Activation of Person Knowledge in Medial Prefrontal Cortex during the Encoding of New Lifelike Events. <i>Cerebral Cortex</i> , 2021, 31, 3494-3505.	1.6	24
7673	Increased free water in the substantia nigra in idiopathic REM sleep behaviour disorder. <i>Brain</i> , 2021, 144, 1488-1497.	3.7	29
7675	Electrical stimulation of the macaque ventral tegmental area drives category-selective learning without attention. <i>Neuron</i> , 2021, 109, 1381-1395.e7.	3.8	14
7676	Whole-brain functional MRI registration based on a semi-supervised deep learning model. <i>Medical Physics</i> , 2021, 48, 2847-2858.	1.6	4
7677	Identification and disruption of a neural mechanism for accumulating prospective metacognitive information prior to decision-making. <i>Neuron</i> , 2021, 109, 1396-1408.e7.	3.8	19
7678	Novel Composite Gold-Aluminum Electrode with Application to Neural Recording and Stimulation in Ultrahigh Field Magnetic Resonance Imaging Scanners. <i>Annals of Biomedical Engineering</i> , 2021, 49, 2337-2348.	1.3	1
7679	White matter microstructural and Compulsive Sexual Behaviors Disorder "Diffusion Tensor Imaging study. <i>Journal of Behavioral Addictions</i> , 2021, 10, 55-64.	1.9	3

#	ARTICLE	IF	CITATIONS
7680	In vivo human whole-brain Connectom diffusion MRI dataset at 760µm isotropic resolution. <i>Scientific Data</i> , 2021, 8, 122.	2.4	37
7681	Thalamocortical excitability modulation guides human perception under uncertainty. <i>Nature Communications</i> , 2021, 12, 2430.	5.8	56
7683	Cognitive Function and Whole-Brain MRI Metrics Are Not Associated with Mobility in Older Adults with Multiple Sclerosis. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4232.	1.2	7
7685	Functional Connectivity and Response Inhibition: A Secondary Analysis of an 8-Week Randomized Controlled Trial of Computerized Cognitive Training. <i>Journal of Alzheimer's Disease</i> , 2021, 80, 1525-1537.	1.2	2
7686	A longitudinal analysis of brain extracellular free water in HIV infected individuals. <i>Scientific Reports</i> , 2021, 11, 8273.	1.6	7
7687	Age- and cognition-related differences in the gray matter volume of the chimpanzee brain (<i>Pan</i>). <i>Primate</i> , 2021, 83, e23264.	0.784314	17
7688	Evaluation of diffusion measurements reveals radial diffusivity indicative of microstructural damage following acute, mild traumatic brain injury. <i>Magnetic Resonance Imaging</i> , 2021, 77, 137-147.	1.0	8
7689	Diffusely appearing white matter in multiple sclerosis: Insights from sodium (²³ Na) MRI. <i>Multiple Sclerosis and Related Disorders</i> , 2021, 49, 102752.	0.9	10
7692	The impact of susceptibility correction on diffusion metrics in adolescents. <i>Pediatric Radiology</i> , 2021, 51, 1471-1480.	1.1	2
7693	A Preferential Role for Ventromedial Prefrontal Cortex in Assessing the Value of the Whole Multiattribute Object Evaluation. <i>Journal of Neuroscience</i> , 2021, 41, 5056-5068.	1.7	7
7694	Yielding to social presence as a bioenergetic strategy: preliminary evidence using fMRI. <i>Current Research in Ecological and Social Psychology</i> , 2021, 2, 100010.	0.9	3
7695	Diffusion Imaging Reveals Sex Differences in the White Matter Following Sports-Related Concussion. <i>Cerebral Cortex</i> , 2021, 31, 4411-4419.	1.6	20
7696	Contribution of Excitatory and Inhibitory Neuronal Activity to BOLD fMRI. <i>Cerebral Cortex</i> , 2021, 31, 4053-4067.	1.6	38
7698	Restructuring of amygdala subregion apportion across adolescence. <i>Developmental Cognitive Neuroscience</i> , 2021, 48, 100883.	1.9	8
7699	Enhanced structural connectivity within the motor loop in professional boxers prior to a match. <i>Scientific Reports</i> , 2021, 11, 9015.	1.6	1
7702	Structural Changes on MRI Demonstrate Specific Cerebellar Involvement in SLE Patients: A VBM Study. <i>Brain Sciences</i> , 2021, 11, 510.	1.1	2
7704	Development of a Convolutional Neural Network Based Skull Segmentation in MRI Using Standard Tesselation Language Models. <i>Journal of Personalized Medicine</i> , 2021, 11, 310.	1.1	6
7705	Predictive utility of task-related functional connectivity vs. voxel activation. <i>PLoS ONE</i> , 2021, 16, e0249947.	1.1	1

#	ARTICLE	IF	CITATIONS
7706	White matter microstructure associations with episodic memory in adults with Down syndrome: a tract-based spatial statistics study. <i>Journal of Neurodevelopmental Disorders</i> , 2021, 13, 17.	1.5	9
7708	Preliminary Comparison of Subcortical Structures in Elderly Subclinical Depression: Structural Analysis with 3T MRI. <i>Experimental Neurobiology</i> , 2021, 30, 183-202.	0.7	1
7709	DIAGNOSIS OF EARLY STAGE PARKINSON'S DISEASE ON QUANTITATIVE SUSCEPTIBILITY MAPPING USING COMPLEX NETWORK WITH ONE-WAY ANOVA F-TEST FEATURE SELECTION. <i>Journal of Mechanics in Medicine and Biology</i> , 2021, 21, 2140026.	0.3	8
7710	Modified Diffusion Tensor Image Processing Pipeline for Archived Studies of Patients With Leukoencephalopathy. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 54, 997-1008.	1.9	0
7711	Disruption of the Atrophy-based Functional Network in Multiple Sclerosis Is Associated with Clinical Disability: Validation of a Meta-Analytic Model in Resting-State Functional MRI. <i>Radiology</i> , 2021, 299, 159-166.	3.6	5
7712	White matter microstructural differences underlying beta oscillations during speech in adults who stutter. <i>Brain and Language</i> , 2021, 215, 104921.	0.8	11
7713	Myelin water fraction decrease in individuals with chronic mild traumatic brain injury and persistent symptoms. <i>Heliyon</i> , 2021, 7, e06709.	1.4	1
7715	Geometric Loss For Deep Multiple Sclerosis Lesion Segmentation. , 2021, , .		7
7717	Changes in brain and behavior during food-based decision-making following treatment of anorexia nervosa. <i>Journal of Eating Disorders</i> , 2021, 9, 48.	1.3	10
7719	Brain functional connectivity in children with developmental coordination disorder following rehabilitation intervention. <i>Pediatric Research</i> , 2022, 91, 1459-1468.	1.1	12
7720	Longitudinal change in hippocampal and dorsal anterior insulae functional connectivity in subjective cognitive decline. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 108.	3.0	10
7721	Motor theory modulated by task load: Effects of tDCS over the LSTG on connectivity patterns for phonological processing. <i>Journal of Neurolinguistics</i> , 2021, 58, 100984.	0.5	0
7722	Co-activation pattern alterations in autism spectrum disorder: A volume-wise hierarchical clustering fMRI study. <i>Brain and Behavior</i> , 2021, 11, e02174.	1.0	5
7723	Microstructural Abnormalities of the Dentatorubrothalamic Tract in Cervical Dystonia. <i>Movement Disorders</i> , 2021, 36, 2192-2198.	2.2	13
7724	Functional and diffusion MRI reveal the neurophysiological basis of neonates' noxious-stimulus evoked brain activity. <i>Nature Communications</i> , 2021, 12, 2744.	5.8	11
7725	Impact of autism genetic risk on brain connectivity: a mechanism for the female protective effect. <i>Brain</i> , 2022, 145, 378-387.	3.7	9
7726	Protocol for magnetic resonance imaging acquisition, quality assurance, and quality check for the Accelerator program for Discovery in Brain disorders Using Stem cells. <i>International Journal of Methods in Psychiatric Research</i> , 2021, 30, e1871.	1.1	7
7727	Cognitive impairment after focal brain lesions is better predicted by damage to structural than functional network hubs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	42

#	ARTICLE	IF	CITATIONS
7728	The Role of White Matter Disconnection in the Symptoms Relating to the Anarchic Hand Syndrome: A Single Case Study. <i>Brain Sciences</i> , 2021, 11, 632.	1.1	4
7731	A network linking scene perception and spatial memory systems in posterior cerebral cortex. <i>Nature Communications</i> , 2021, 12, 2632.	5.8	42
7732	Comparison of structural MRI brain measures between 1.5 and 3T: Data from the Lothian Birth Cohort 1936. <i>Human Brain Mapping</i> , 2021, 42, 3905-3921.	1.9	11
7733	Efficient T ₂ mapping with blip-up/down EPI and gSlider SMS (T ₂ â€BUDAâ€gSlider). <i>Magnetic Resonance in Medicine</i> , 2021, 86, 2064-2075.	1.9	13
7734	Network Controllability in Transmodal Cortex Predicts Psychosis Spectrum Symptoms. <i>Biological Psychiatry</i> , 2021, 89, S370-S371.	0.7	9
7735	Tumor necrosis factor superfamily molecules are increased in behavioral variant frontotemporal dementia and correlate with cortical atrophy: An exploratory investigation. <i>Journal of Neuroimmunology</i> , 2021, 354, 577531.	1.1	4
7736	Brainwide functional networks associated with anatomically- and functionally-defined hippocampal subfields using ultrahigh-resolution fMRI. <i>Scientific Reports</i> , 2021, 11, 10835.	1.6	2
7737	The Time Varying Networks of the Interoceptive Attention and Rest. <i>ENeuro</i> , 2021, 8, ENEURO.0341-20.2021.	0.9	3
7738	Amygdala size varies with stress perception. <i>Neurobiology of Stress</i> , 2021, 14, 100334.	1.9	8
7739	Dynamics of task-related electrophysiological networks: a benchmarking study. <i>NeuroImage</i> , 2021, 231, 117829.	2.1	12
7741	No evidence for an effect of a working memory training program on white matter microstructure. <i>Intelligence</i> , 2021, 86, 101541.	1.6	1
7742	Class Imbalance ML Methods for Classification of Dementia Stage: Kurtosis Fractional Anisotropy: ML-based classification of dementia stage (paper subtitle). , 2021, , .		0
7743	Characteristics of mental health implications and plasma metabolomics in patients recently recovered from COVID-19. <i>Translational Psychiatry</i> , 2021, 11, 307.	2.4	15
7744	Radiomics on routine T1-weighted MRI can delineate Parkinsonâ€™s disease from multiple system atrophy and progressive supranuclear palsy. <i>European Radiology</i> , 2021, 31, 8218-8227.	2.3	15
7745	Multi-scale structural rich-club organization of the brain in full-term newborns: a combined DWI and fMRI study. <i>Journal of Neural Engineering</i> , 2021, 18, 046065.	1.8	4
7746	No support for white matter connectivity differences in the combined and inattentive ADHD presentations. <i>PLoS ONE</i> , 2021, 16, e0245028.	1.1	4
7747	Effect of Cognitive Training in Fully Immersive Virtual Reality on Visuospatial Function and Frontal-Occipital Functional Connectivity in Predementia: Randomized Controlled Trial. <i>Journal of Medical Internet Research</i> , 2021, 23, e24526.	2.1	40
7748	Hippocampal functional connectivity development during the first two years indexes 4-year working memory performance. <i>Cortex</i> , 2021, 138, 165-177.	1.1	16

#	ARTICLE	IF	CITATIONS
7749	The Ventral and Dorsal Default Mode Networks Are Dissociably Modulated by the Vividness and Valence of Imagined Events. <i>Journal of Neuroscience</i> , 2021, 41, 5243-5250.	1.7	26
7750	Integrating molecular, histopathological, neuroimaging and clinical neuroscience data with NeuroPM-box. <i>Communications Biology</i> , 2021, 4, 614.	2.0	16
7752	Altered striatum centered brain structures in SHANK3 deficient Chinese children with genotype and phenotype profiling. <i>Progress in Neurobiology</i> , 2021, 200, 101985.	2.8	10
7753	Individual differences in white matter of the uncinate fasciculus and inferior fronto-occipital fasciculus: possible early biomarkers for callous/unemotional behaviors in young children with disruptive behavior problems. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2022, 63, 19-33.	3.1	9
7755	Localization and Identification of Brain Microstructural Abnormalities in Paediatric Concussion. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 657374.	1.0	5
7756	Associations of social network structure with cognition and amygdala volume in multiple sclerosis: An exploratory investigation. <i>Multiple Sclerosis Journal</i> , 2022, 28, 228-236.	1.4	4
7757	The relationship between white matter microstructure, cardiovascular fitness, gross motor skills, and neurocognitive functioning in children. <i>Journal of Neuroscience Research</i> , 2021, 99, 2201-2215.	1.3	9
7759	Neural correlates of treatment effect and prediction of treatment outcome in patients with PTSD and comorbid personality disorder: study design. <i>Borderline Personality Disorder and Emotion Dysregulation</i> , 2021, 8, 13.	1.1	2
7762	Optimising a Simple Fully Convolutional Network for Accurate Brain Age Prediction in the PAC 2019 Challenge. <i>Frontiers in Psychiatry</i> , 2021, 12, 627996.	1.3	21
7763	Diffusion Tensor Imaging Before and 3 Months After Concentrated Exposure Response Prevention in Obsessive-Compulsive Disorder. <i>Frontiers in Psychiatry</i> , 2021, 12, 674020.	1.3	3
7764	SYLVIUS: A multimodal and multidisciplinary platform for epilepsy surgery. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 203, 106042.	2.6	6
7765	The organizational principles of de-differentiated topographic maps in somatosensory cortex. <i>ELife</i> , 2021, 10, .	2.8	13
7766	Basal ganglia and cerebellum contributions to vocal emotion processing as revealed by high-resolution fMRI. <i>Scientific Reports</i> , 2021, 11, 10645.	1.6	19
7767	Surface-Based Connectivity Integration: An atlas-free approach to jointly study functional and structural connectivity. <i>Human Brain Mapping</i> , 2021, 42, 3481-3499.	1.9	9
7768	Robotic hand augmentation drives changes in neural body representation. <i>Science Robotics</i> , 2021, 6, .	9.9	72
7769	Predicting individual variability in task-evoked brain activity in schizophrenia. <i>Human Brain Mapping</i> , 2021, 42, 3983-3992.	1.9	11
7770	The Microstructural Plasticity of the Arcuate Fasciculus Undergirds Improved Speech in Noise Perception in Musicians. <i>Cerebral Cortex</i> , 2021, 31, 3975-3985.	1.6	12
7771	Image-based biophysical modeling predicts cortical potentials evoked with subthalamic deep brain stimulation. <i>Brain Stimulation</i> , 2021, 14, 549-563.	0.7	23

#	ARTICLE	IF	CITATIONS
7772	Visual processing speed is linked to functional connectivity between right frontoparietal and visual networks. <i>European Journal of Neuroscience</i> , 2021, 53, 3362-3377.	1.2	11
7773	Increased Visual Sensitivity and Occipital Activity in Patients With Hemianopia Following Vision Rehabilitation. <i>Journal of Neuroscience</i> , 2021, 41, 5994-6005.	1.7	9
7774	Effectiveness of Commercial Software—Enhanced Image Artifact Reduction Software. <i>Journal of Endodontics</i> , 2021, 47, 820-826.	1.4	3
7777	Quantitative comparison of subcortical and ventricular volumetry derived from MPRAGE and MP2RAGE images using different brain morphometry software. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2021, 34, 903-914.	1.1	2
7778	Quantification of Regional Cerebral Blood Flow Using Diffusion Imaging With Phase Contrast. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 54, 1678-1686.	1.9	1
7781	Concavity as a diagnostic feature of visual scenes. <i>NeuroImage</i> , 2021, 232, 117920.	2.1	12
7783	Preserved cholinergic forebrain integrity reduces structural connectome vulnerability in mild cognitive impairment. <i>Journal of the Neurological Sciences</i> , 2021, 425, 117443.	0.3	2
7785	Microstructural and functional brain abnormalities in multiple sclerosis predicted by osteopontin and neurofilament light. <i>Multiple Sclerosis and Related Disorders</i> , 2021, 51, 102923.	0.9	12
7786	Improved cortical surface reconstruction using sub-millimeter resolution MPRAGE by image denoising. <i>NeuroImage</i> , 2021, 233, 117946.	2.1	11
7787	Brain network dynamics during working memory are modulated by dopamine and diminished in schizophrenia. <i>Nature Communications</i> , 2021, 12, 3478.	5.8	69
7788	Parcellation of the Hippocampus According to Its Connection Probability with Prefrontal Cortex Subdivisions in a Malaysian Malay Population: Preliminary Findings. <i>The Malaysian Journal of Medical Sciences</i> , 2021, 28, 65-76.	0.3	1
7789	The transverse occipital sulcus and intraparietal sulcus show neural selectivity to object-scene size relationships. <i>Communications Biology</i> , 2021, 4, 768.	2.0	6
7790	Brainstem Involvement in Amyotrophic Lateral Sclerosis: A Combined Structural and Diffusion Tensor MRI Analysis. <i>Frontiers in Neuroscience</i> , 2021, 15, 675444.	1.4	9
7791	Beyond language impairment: Profiles of apathy in primary progressive aphasia. <i>Cortex</i> , 2021, 139, 73-85.	1.1	13
7793	A history of previous childbirths is linked to women's white matter brain age in midlife and older age. <i>Human Brain Mapping</i> , 2021, 42, 4372-4386.	1.9	24
7794	Clinical predictors and neural correlates for compromised swallowing safety in Huntington disease. <i>European Journal of Neurology</i> , 2021, 28, 2855-2862.	1.7	8
7795	Organization of the social cognition network predicts future depression and interpersonal impairment: a prospective family-based study. <i>Neuropsychopharmacology</i> , 2022, 47, 531-542.	2.8	6
7796	Alcoholism via 6-layer customized deep convolution neural network. <i>STEMedicine</i> , 2021, 2, e93.	0.5	1

#	ARTICLE	IF	CITATIONS
7797	Segmentation of MRI head anatomy using deep volumetric networks and multiple spatial priors. <i>Journal of Medical Imaging</i> , 2021, 8, 034001.	0.8	3
7798	Functional and morphological correlates of developmental dyslexia: A multimodal investigation of the ventral occipitotemporal cortex. <i>Journal of Neuroimaging</i> , 2021, 31, 962-972.	1.0	5
7799	White Matter Abnormalities Associated With Prolonged Recovery in Adolescents Following Concussion. <i>Frontiers in Neurology</i> , 2021, 12, 681467.	1.1	7
7801	White Matter Changes With Rehabilitation in Children With Developmental Coordination Disorder: A Randomized Controlled Trial. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 673003.	1.0	7
7802	Age-related changes in diffuse optical tomography sensitivity profiles in infancy. <i>PLoS ONE</i> , 2021, 16, e0252036.	1.1	6
7803	Assessing methods for geometric distortion compensation in <scp>7â€™T</scp> gradient echo functional <scp>MRI</scp> data. <i>Human Brain Mapping</i> , 2021, 42, 4205-4223.	1.9	14
7804	Neuromorphological Changes following Selection for Tameness and Aggression in the Russian Farm-Fox experiment. <i>Journal of Neuroscience</i> , 2021, 41, 6144-6156.	1.7	14
7806	Structural Connectivity Gradients of the Temporal Lobe Serve as Multiscale Axes of Brain Organization and Cortical Evolution. <i>Cerebral Cortex</i> , 2021, 31, 5151-5164.	1.6	21
7807	The effect of physical exercise on functional brain network connectivity in older adults with and without cognitive impairment. A systematic review. <i>Mechanisms of Ageing and Development</i> , 2021, 196, 111493.	2.2	19
7808	Valuation system connectivity is correlated with poly-drug use in young adults. <i>Neuroscience Research</i> , 2021, 173, 114-120.	1.0	2
7809	Characterizing the vertical phytoplankton distribution in the Philippine Sea off the northeastern coast of Luzon. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 254, 107322.	0.9	3
7810	3D dissimilar-siamese-u-net for hyperdense Middle cerebral artery sign segmentation. <i>Computerized Medical Imaging and Graphics</i> , 2021, 90, 101898.	3.5	6
7812	Fronto-parietal homotopy in resting-state functional connectivity predicts task-switching performance. <i>Brain Structure and Function</i> , 2022, 227, 655-672.	1.2	10
7813	Individual differences in attentional lapses are associated with fiberâ€™specific white matter microstructure in healthy adults. <i>Psychophysiology</i> , 2021, 58, e13871.	1.2	4
7814	Reversed and increased functional connectivity in non-REM sleep suggests an altered rather than reduced state of consciousness relative to wake. <i>Scientific Reports</i> , 2021, 11, 11943.	1.6	10
7815	Connectivity adaptations in dopaminergic systems define the brain maturity of investors. <i>Scientific Reports</i> , 2021, 11, 11671.	1.6	1
7816	Vocal Music Listening Enhances Poststroke Language Network Reorganization. <i>ENeuro</i> , 2021, 8, ENEURO.0158-21.2021.	0.9	18
7817	Analysis of Fine Motor Skills in Essential Tremor: Combining Neuroimaging and Handwriting Biomarkers for Early Management. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 648573.	1.0	5

#	ARTICLE	IF	CITATIONS
7820	Decision-making ability, psychopathology, and brain connectivity. <i>Neuron</i> , 2021, 109, 2025-2040.e7.	3.8	34
7823	Sensitivity of fiber orientation dependent to temperature and post mortem interval. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 2703-2715.	1.9	8
7824	Human hippocampal connectivity is stronger in olfaction than other sensory systems. <i>Progress in Neurobiology</i> , 2021, 201, 102027.	2.8	28
7825	Deep learning based segmentation of brain tissue from diffusion MRI. <i>NeuroImage</i> , 2021, 233, 117934.	2.1	36
7826	Increased resting-state cerebellar-cortical connectivity in breast cancer survivors with cognitive complaints after chemotherapy. <i>Scientific Reports</i> , 2021, 11, 12105.	1.6	6
7827	Oversampling Errors in Multimodal Medical Imaging Are Due to the Gibbs Effect. <i>Mathematics</i> , 2021, 9, 1348.	1.1	5
7828	Reduced frontal white matter microstructure in healthy older adults with low tactile recognition performance. <i>Scientific Reports</i> , 2021, 11, 11689.	1.6	2
7829	<scp>HybraPD</scp> atlas: Towards precise subcortical nuclei segmentation using multimodality medical images in patients with Parkinson disease. <i>Human Brain Mapping</i> , 2021, 42, 4399-4421.	1.9	14
7830	Neural Substrates of Muscle Co-contraction during Dynamic Motor Adaptation. <i>Journal of Neuroscience</i> , 2021, 41, 5667-5676.	1.7	10
7831	Associations between cognition and white matter microstructure in first-episode antipsychotic-naïve patients with schizophrenia and healthy controls: A multivariate pattern analysis. <i>Cortex</i> , 2021, 139, 282-297.	1.1	5
7832	Prefrontal cortex activation during dual-task walking in older adults is moderated by thickness of several cortical regions. <i>GeroScience</i> , 2021, 43, 1959-1974.	2.1	17
7833	Separate and Shared Neural Basis of Face Memory and Face Perception in Developmental Prosopagnosia. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 668174.	1.0	6
7834	Interhemispheric co-alteration of brain homotopic regions. <i>Brain Structure and Function</i> , 2021, 226, 2181-2204.	1.2	1
7835	TAPAS: An Open-Source Software Package for Translational Neuromodeling and Computational Psychiatry. <i>Frontiers in Psychiatry</i> , 2021, 12, 680811.	1.3	69
7836	White Matter Hyperintensities Are Associated With Severity of Essential Tremor in the Elderly. <i>Frontiers in Neurology</i> , 2021, 12, 694286.	1.1	5
7837	Socioeconomic factors, stress, hair cortisol, and white matter microstructure in children. <i>Developmental Psychobiology</i> , 2021, 63, e22147.	0.9	5
7838	Diffusion tensor imaging reveals greater microstructure damage in lesional tissue that shrinks into cerebrospinal fluid in multiple sclerosis. <i>Journal of Neuroimaging</i> , 2021, 31, 995-1002.	1.0	3
7839	Fast 3D MR elastography of the whole brain using spiral staircase: Data acquisition, image reconstruction, and joint deblurring. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 2011-2024.	1.9	11

#	ARTICLE	IF	CITATIONS
7840	Brain MRI Deep Learning and Bayesian Inference System Augments Radiology Resident Performance. <i>Journal of Digital Imaging</i> , 2021, 34, 1049-1058.	1.6	3
7841	Quantifying Age-Related Changes in Brain and Behavior: A Longitudinal versus Cross-Sectional Approach. <i>ENeuro</i> , 2021, 8, ENEURO.0273-21.2021.	0.9	3
7842	Multicomponent T ₂ relaxometry reveals early myelin white matter changes induced by proton radiation treatment. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 3236-3245.	1.9	7
7843	Comparison of corticospinal tract integrity measures extracted from standard versus native space in chronic stroke. <i>Journal of Neuroscience Methods</i> , 2021, 359, 109216.	1.3	2
7844	The neural correlates of a central coherence task in young women with anorexia nervosa. <i>European Eating Disorders Review</i> , 2021, 29, 744-755.	2.3	3
7845	MRI brain templates of the male Yucatan minipig. <i>NeuroImage</i> , 2021, 235, 118015.	2.1	9
7847	Rapid whole-brain electric field mapping in transcranial magnetic stimulation using deep learning. <i>PLoS ONE</i> , 2021, 16, e0254588.	1.1	11
7848	Intravoxel incoherent motion imaging predicts exercise-based rehabilitation response in individuals with low back pain. <i>NMR in Biomedicine</i> , 2021, 34, e4595.	1.6	2
7849	From Visual Perception to Aesthetic Appeal: Brain Responses to Aesthetically Appealing Natural Landscape Movies. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 676032.	1.0	18
7850	Cortical and white matter correlates of language-learning aptitudes. <i>Human Brain Mapping</i> , 2021, 42, 5037-5050.	1.9	7
7851	Longitudinal white matter changes associated with cognitive training. <i>Human Brain Mapping</i> , 2021, 42, 4722-4739.	1.9	5
7852	Graph-theoretical analysis of EEG functional connectivity during balance perturbation in traumatic brain injury: A pilot study. <i>Human Brain Mapping</i> , 2021, 42, 4427-4447.	1.9	12
7853	Age-related differences in resting state functional connectivity in pediatric migraine. <i>Journal of Headache and Pain</i> , 2021, 22, 65.	2.5	7
7854	Modular and state-relevant functional network connectivity in high-frequency eyes open vs eyes closed resting fMRI data. <i>Journal of Neuroscience Methods</i> , 2021, 358, 109202.	1.3	8
7855	White matter hyperintensity volumes are related to processing speed in long-term survivors of childhood cerebellar tumors. <i>Journal of Neuro-Oncology</i> , 2021, 154, 63-72.	1.4	4
7856	Large-scale network topology reveals brain functional abnormality in Chinese dyslexic children. <i>Neuropsychologia</i> , 2021, 157, 107886.	0.7	6
7858	Differentiating white matter measures that protect against vs. predispose to bipolar disorder and other psychopathology in at-risk youth. <i>Neuropsychopharmacology</i> , 2021, 46, 2207-2216.	2.8	1
7860	Intrinsic functional connectivity in families genetically enriched for social anxiety disorder – an endophenotype study. <i>EBioMedicine</i> , 2021, 69, 103445.	2.7	5

#	ARTICLE	IF	CITATIONS
7861	Multi-scale anatomical awareness improves the accuracy of the real-time electric field estimation. , 2021, , .		3
7862	Task group 284 report: magnetic resonance imaging simulation in radiotherapy: considerations for clinical implementation, optimization, and quality assurance. Medical Physics, 2021, 48, e636-e670.	1.6	67
7863	Ecological stress, amygdala reactivity, and internalizing symptoms in preadolescence: Is parenting a buffer?. Cortex, 2021, 140, 128-144.	1.1	7
7864	Lost Dynamics and the Dynamics of Loss: Longitudinal Compression of Brain Signal Variability is Coupled with Declines in Functional Integration and Cognitive Performance. Cerebral Cortex, 2021, 31, 5239-5252.	1.6	17
7865	Fornix white matter microstructure differentially predicts false recollection rates in older and younger adults. Neuropsychologia, 2021, 157, 107848.	0.7	2
7866	Inter-hemispheric Functional Connections Are More Vulnerable to Attack Than Structural Connection in Patients With Irritable Bowel Syndrome. Journal of Neurogastroenterology and Motility, 2021, 27, 426-435.	0.8	6
7867	Interpretable deep learning as a means for decrypting disease signature in multiple sclerosis. Journal of Neural Engineering, 2021, 18, 0460a6.	1.8	9
7868	Interactive effects of the APOE and BDNF polymorphisms on functional brain connectivity: the Tasmanian Healthy Brain Project. Scientific Reports, 2021, 11, 14514.	1.6	5
7869	Fatigue and resting-state functional brain networks in breast cancer patients treated with chemotherapy. Breast Cancer Research and Treatment, 2021, 189, 787-796.	1.1	8
7871	Which multiband factor should you choose for your resting-state fMRI study?. NeuroImage, 2021, 234, 117965.	2.1	43
7872	Nucleus accumbens microstructure mediates the relationship between obesity and eating behavior in adults. Obesity, 2021, 29, 1328-1337.	1.5	8
7873	Investigating developmental changes in scalp-to-cortex correspondence using diffuse optical tomography sensitivity in infancy. Neurophotonics, 2021, 8, 035003.	1.7	10
7874	Reorganization of the Social Brain in Individuals with Only One Intact Cerebral Hemisphere. Brain Sciences, 2021, 11, 965.	1.1	6
7875	Inflammatory markers and tract-based structural connectomics in older adults with a preliminary exploration of associations by race. Brain Imaging and Behavior, 2022, 16, 130-140.	1.1	0
7876	White matter in prolonged glucocorticoid response to psychological stress in schizophrenia. Neuropsychopharmacology, 2021, 46, 2312-2319.	2.8	6
7878	Radiomics-Based Machine Learning Classification for Glioma Grading Using Diffusion- and Perfusion-Weighted Magnetic Resonance Imaging. Journal of Computer Assisted Tomography, 2021, 45, 606-613.	0.5	5
7879	Phenotype discovery from population brain imaging. Medical Image Analysis, 2021, 71, 102050.	7.0	20
7880	Dynamical consequences of regional heterogeneity in the brain's transcriptional landscape. Science Advances, 2021, 7, .	4.7	69

#	ARTICLE	IF	CITATIONS
7881	Modulation of the Primary Auditory Thalamus When Recognizing Speech with Background Noise. <i>Journal of Neuroscience</i> , 2021, 41, 7136-7147.	1.7	6
7883	Slowed Processing Speed Disrupts Patient Expectancy in Late Life Depression. <i>American Journal of Geriatric Psychiatry</i> , 2021, 29, 619-630.	0.6	8
7885	Negative overgeneralization is associated with anxiety and mechanisms of pattern completion in peripubertal youth. <i>Social Cognitive and Affective Neuroscience</i> , 2022, 17, 231-240.	1.5	8
7886	The thalamus in trigeminal neuralgia: structural and metabolic abnormalities, and influence on surgical response. <i>BMC Neurology</i> , 2021, 21, 290.	0.8	10
7887	Comparison of continuous sampling with active noise cancelation and sparse sampling for cortical and subcortical auditory functional MRI. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 2577-2588.	1.9	0
7888	Cognitive Impairment in Multiple System Atrophy Is Related to White Matter Damage Detected by the T1-Weighted/T2-Weighted Ratio. <i>European Neurology</i> , 2021, 84, 435-443.	0.6	5
7889	Wrist and finger motor representations embedded in the cerebral and cerebellar resting-state activation. <i>Brain Structure and Function</i> , 2021, 226, 2307-2319.	1.2	1
7891	Functional Imaging to Guide Network-Based TMS Treatments: Toward a Tailored Medicine Approach in Alzheimer's Disease. <i>Frontiers in Neuroscience</i> , 2021, 15, 687493.	1.4	10
7892	Genetic influences on hub connectivity of the human connectome. <i>Nature Communications</i> , 2021, 12, 4237.	5.8	92
7893	Network model of pathology spread recapitulates neurodegeneration and selective vulnerability in Huntington's Disease. <i>NeuroImage</i> , 2021, 235, 118008.	2.1	12
7894	Neural correlates of disturbance in the sense of agency in schizophrenia: An fMRI study using the "enfacement" paradigm. <i>Schizophrenia Research</i> , 2022, 243, 395-401.	1.1	10
7896	DTI-derived parameters differ between moderate and severe traumatic brain injury and its association with psychiatric scores. <i>Neurological Sciences</i> , 2021, , 1.	0.9	1
7897	The relationship between attention and avoidance coping in anorexia nervosa: functional magnetic resonance imaging study. <i>BJPsych Open</i> , 2021, 7, e130.	0.3	6
7898	The benefit of the diffusion kurtosis imaging in presurgical evaluation in patients with focal MR-negative epilepsy. <i>Scientific Reports</i> , 2021, 11, 14208.	1.6	4
7899	Peripheral Nerve Focused Ultrasound Lesioning's Visualization and Assessment Using Diffusion Weighted Imaging. <i>Frontiers in Neurology</i> , 2021, 12, 673060.	1.1	3
7900	Combining MRI and Histologic Imaging Features for Predicting Overall Survival in Patients with Glioma. <i>Radiology Imaging Cancer</i> , 2021, 3, e200108.	0.7	12
7901	Sex Differences in Functional Connectivity Between Resting State Brain Networks in Autism Spectrum Disorder. <i>Journal of Autism and Developmental Disorders</i> , 2022, 52, 3088-3101.	1.7	9
7902	Non-linear fitting with joint spatial regularization in arterial spin labeling. <i>Medical Image Analysis</i> , 2021, 71, 102067.	7.0	5

#	ARTICLE	IF	CITATIONS
7903	History Modulates Early Sensory Processing of Salient Distractors. <i>Journal of Neuroscience</i> , 2021, 41, 8007-8022.	1.7	31
7904	Diffusion Tensor Imaging and Neurite Orientation Dispersion and Density Imaging Assessment of Optic Pathway Function in Patients With Anterior Visual Pathway Compression. <i>Journal of Neuro-Ophthalmology</i> , 2021, Publish Ahead of Print, .	0.4	1
7905	Relationship between illness duration, corpus callosum changes, and sustained attention dysfunction in major depressive disorder. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, 11, 2980-2993.	1.1	11
7906	Amygdala functional connectivity mediates the association between catastrophizing and threat-safety learning in youth with chronic pain. <i>Pain</i> , 2021, Publish Ahead of Print, 719-728.	2.0	6
7907	The MRi-Share database: brain imaging in a cross-sectional cohort of 1870 university students. <i>Brain Structure and Function</i> , 2021, 226, 2057-2085.	1.2	11
7908	Associations Between Amyloid and Tau Pathology, and Connectome Alterations, in Alzheimer's Disease and Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2021, 82, 541-560.	1.2	18
7910	Water content changes in new multiple sclerosis lesions have a minimal effect on the determination of myelin water fraction values. <i>Journal of Neuroimaging</i> , 2021, 31, 1119-1125.	1.0	12
7911	Unrest while Resting? Brain entropy in autism spectrum disorder. <i>Brain Research</i> , 2021, 1762, 147435.	1.1	8
7913	Exploring brain connectivity changes in major depressive disorder using functional-structural data fusion: A CAN-BIND study. <i>Human Brain Mapping</i> , 2021, 42, 4940-4957.	1.9	8
7914	Conductivity Tensor Imaging of the Human Brain Using Water Mapping Techniques. <i>Frontiers in Neuroscience</i> , 2021, 15, 694645.	1.4	11
7915	Sex differences in myelin content of white matter tracts in adolescents with depression. <i>Neuropsychopharmacology</i> , 2021, 46, 2295-2303.	2.8	15
7917	Neuromodulation of Visual Cortex Reduces the Intensity of Intrusive Memories. <i>Cerebral Cortex</i> , 2022, 32, 408-417.	1.6	9
7918	Functional connectivity within an anxiety network and associations with anxiety symptom severity in middle-aged adults with and without autism. <i>Autism Research</i> , 2021, 14, 2100-2112.	2.1	5
7920	Gut microbes impact stroke severity via the trimethylamine N-oxide pathway. <i>Cell Host and Microbe</i> , 2021, 29, 1199-1208.e5.	5.1	78
7921	How does the brain navigate knowledge of social relations? Testing for shared neural mechanisms for shifting attention in space and social knowledge. <i>NeuroImage</i> , 2021, 235, 118019.	2.1	8
7922	Dopaminergic modulation of regional cerebral blood flow: An arterial spin labelling study of genetic and pharmacological manipulation of COMT activity. <i>NeuroImage</i> , 2021, 234, 117999.	2.1	5
7923	Depression detection from sMRI and rs-fMRI images using machine learning. <i>Journal of Intelligent Information Systems</i> , 2021, 57, 395-418.	2.8	14
7924	White matter tract-specific alterations in patients with primary restless legs syndrome. <i>Scientific Reports</i> , 2021, 11, 16116.	1.6	9

#	ARTICLE	IF	CITATIONS
7926	Brain-wide neural dynamics of poststroke recovery induced by optogenetic stimulation. <i>Science Advances</i> , 2021, 7, .	4.7	8
7927	Infratentorial MRI Findings in Rasmussen Encephalitis Suggest Primary Cerebellar Involvement. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2021, 8, .	3.1	4
7928	Value network engagement and effects of memory-related processing during encoding and retrieval of value. <i>Brain and Cognition</i> , 2021, 152, 105754.	0.8	0
7929	Aberrant cortico-thalamic structural connectivity in premature-born adults. <i>Cortex</i> , 2021, 141, 347-362.	1.1	10
7931	Regional grey matter microstructural changes and volume loss according to disease duration in multiple sclerosis patients. <i>Scientific Reports</i> , 2021, 11, 16805.	1.6	17
7932	Longitudinal predictive modeling of tau progression along the structural connectome. <i>NeuroImage</i> , 2021, 237, 118126.	2.1	8
7934	A quadratic model captures the human V1 response to variations in chromatic direction and contrast. <i>ELife</i> , 2021, 10, .	2.8	3
7935	Diffusion tensor imaging reveals neuronal microstructural changes in myalgic encephalomyelitis/chronic fatigue syndrome. <i>European Journal of Neuroscience</i> , 2021, 54, 6214-6228.	1.2	18
7936	Generalizable dimensions of human cortical auditory processing of speech in natural soundscapes: A data-driven ultra high field fMRI approach. <i>NeuroImage</i> , 2021, 237, 118106.	2.1	4
7937	Decreased Cerebrospinal Fluid Antioxidative Capacity Is Related to Disease Severity and Progression in Early Multiple Sclerosis. <i>Biomolecules</i> , 2021, 11, 1264.	1.8	3
7938	Identifying Subgroups of Major Depressive Disorder Using Brain Structural Covariance Networks and Mapping of Associated Clinical and Cognitive Variables. <i>Biological Psychiatry Global Open Science</i> , 2021, 1, 135-145.	1.0	2
7939	Longitudinal Relation Between Structural Network Efficiency, Cognition, and Gait in Cerebral Small Vessel Disease. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 554-560.	1.7	11
7940	Assessing cortical cerebral microinfarcts on iron-sensitive MRI in cerebral small vessel disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 3391-3399.	2.4	4
7941	The relation between cannabis use, dependence severity and white matter microstructure: A diffusion tensor imaging study. <i>Addiction Biology</i> , 2022, 27, e13081.	1.4	7
7942	Impaired white matter microstructure associated with severe depressive symptoms in patients with PD. <i>Brain Imaging and Behavior</i> , 2022, 16, 169-175.	1.1	13
7943	Reliability and Reproducibility of Hadamard Encoded Pseudo-Continuous Arterial Spin Labeling in Healthy Elderly. <i>Frontiers in Neuroscience</i> , 2021, 15, 711898.	1.4	3
7944	Recording cortico-cortical evoked potentials of the human arcuate fasciculus under general anaesthesia. <i>Clinical Neurophysiology</i> , 2021, 132, 1966-1973.	0.7	17
7945	Dynamic Representation of the Subjective Value of Information. <i>Journal of Neuroscience</i> , 2021, 41, 8220-8232.	1.7	8

#	ARTICLE	IF	CITATIONS
7946	Neurological Soft Signs Are Associated With Altered White Matter in Patients With Schizophrenia. <i>Schizophrenia Bulletin</i> , 2022, 48, 220-230.	2.3	13
7947	Intensity-Dependent Changes in Quantified Resting Cerebral Perfusion With Multiple Sessions of Transcranial DC Stimulation. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 679977.	1.0	2
7948	The structure of hippocampal circuitry relates to rapid category learning in humans. <i>Hippocampus</i> , 2021, 31, 1179-1190.	0.9	6
7949	Anomalous Amygdala Habituation to Unpleasant Stimuli Among Unmedicated Individuals With Borderline Personality Disorder and a History of Self-Harming Behavior. <i>Journal of Personality Disorders</i> , 2021, 35, 618-631.	0.8	4
7951	Inner Hemispheric and Interhemispheric Connectivity Balance in the Human Brain. <i>Journal of Neuroscience</i> , 2021, 41, 8351-8361.	1.7	16
7952	Multi-modal magnetic resonance imaging in a mouse model of concussion. <i>Scientific Data</i> , 2021, 8, 207.	2.4	7
7954	An Age-Specific Atlas for Delineation of White Matter Pathways in Children Aged 6-8 Years. <i>Brain Connectivity</i> , 2022, 12, 402-416.	0.8	4
7955	Tractography density affects whole-brain structural architecture and resting-state dynamical modeling. <i>NeuroImage</i> , 2021, 237, 118176.	2.1	10
7956	Reconstruction of the corticorubral tract in the human brain using diffusion tensor tractography. <i>Clinical Anatomy</i> , 2021, 34, 1196-1200.	1.5	0
7957	Cognitive Training in Parkinson's Disease Induces Local, Not Global, Changes in White Matter Microstructure. <i>Neurotherapeutics</i> , 2021, 18, 2518-2528.	2.1	5
7958	Structural and functional hippocampal alterations in Multiple sclerosis and neuromyelitis optica spectrum disorder. <i>Multiple Sclerosis Journal</i> , 2022, 28, 707-717.	1.4	8
7959	Brain multimodal co-alterations related to delay discounting: a multimodal MRI fusion analysis in persons with and without cocaine use disorder. <i>BMC Neuroscience</i> , 2021, 22, 51.	0.8	4
7961	Long-term sequelae of herpes simplex virus encephalitis-related white matter injury: correlation of neuropsychological outcome and diffusion tensor imaging. <i>Journal of NeuroVirology</i> , 2021, 27, 601-608.	1.0	2
7962	Recovery of an injured arcuate fasciculus via transcallosal fiber in a stroke patient. <i>Medicine (United Tj ETQq1 1 0.784314 rgBT / Over</i>	0.4	2
7963	Can measures of sleep quality or white matter structural integrity predict level of worry or rumination in adolescents facing stressful situations? Lessons from the COVID-19 pandemic. <i>Journal of Adolescence</i> , 2021, 91, 110-118.	1.2	12
7967	Disorder-specific cingulo-opercular network hyperconnectivity in pediatric OCD relative to pediatric anxiety. <i>Psychological Medicine</i> , 2023, 53, 1468-1478.	2.7	5
7968	Hybrid δ -shimming and gradient adaptations for improved pseudo-continuous arterial spin labeling at 7 Tesla. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 207-219.	1.9	6
7969	Fully automated detection of paramagnetic rims in multiple sclerosis lesions on 3T susceptibility-based MR imaging. <i>NeuroImage: Clinical</i> , 2021, 32, 102796.	1.4	10

#	ARTICLE	IF	CITATIONS
7970	Computational exploration of epidural cortical stimulation using a realistic head model. <i>Computers in Biology and Medicine</i> , 2021, 135, 104290.	3.9	5
7971	Brain correlates of impaired goal management in bipolar mania. <i>Psychological Medicine</i> , 2023, 53, 1021-1029.	2.7	0
7972	Reducing Susceptibility Distortion Related Image Blurring in Diffusion MRI EPI Data. <i>Frontiers in Neuroscience</i> , 2021, 15, 706473.	1.4	5
7974	Disconnectome of the migraine brain: a connectopathy model. <i>Journal of Headache and Pain</i> , 2021, 22, 102.	2.5	10
7975	Racial Discrimination and White Matter Microstructure in Trauma-Exposed Black Women. <i>Biological Psychiatry</i> , 2022, 91, 254-261.	0.7	24
7976	Differences in cerebral small vessel disease magnetic resonance imaging markers between lacunar stroke and non-Lobar intracerebral hemorrhage. <i>European Stroke Journal</i> , 2021, 6, 239698732110317.	2.7	3
7977	Diffusion along perivascular spaces reveals evidence supportive of glymphatic function impairment in Parkinson disease. <i>Parkinsonism and Related Disorders</i> , 2021, 89, 98-104.	1.1	57
7978	Cortical patterning of morphometric similarity gradient reveals diverged hierarchical organization in sensory-motor cortices. <i>Cell Reports</i> , 2021, 36, 109582.	2.9	26
7979	Resample aggregating improves the generalizability of connectome predictive modeling. <i>NeuroImage</i> , 2021, 236, 118044.	2.1	10
7980	White Matter Abnormalities in Traumatic Subarachnoid Hemorrhage: A Tract-Based Spatial Statistics Study. <i>Medical Science Monitor</i> , 2021, 27, e933959.	0.5	0
7981	The what and when of olfactory working memory in humans. <i>Current Biology</i> , 2021, 31, 4499-4511.e8.	1.8	15
7983	Comparison of electric field modeling pipelines for transcranial direct current stimulation. <i>Neurophysiologie Clinique</i> , 2021, 51, 303-318.	1.0	6
7984	Dietary factors and MRI metrics in early Multiple Sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2021, 53, 103031.	0.9	13
7986	Human immunodeficiency virus-related decreases in corpus callosal integrity and corresponding increases in functional connectivity. <i>Human Brain Mapping</i> , 2021, 42, 4958-4972.	1.9	11
7987	Evaluating effects of sex and age on white matter microstructural alterations in alcohol use disorder: A diffusion tensor imaging study. <i>Alcoholism: Clinical and Experimental Research</i> , 2021, 45, 1790-1803.	1.4	2
7989	Automatic assessment of human gastric motility and emptying from dynamic 3D magnetic resonance imaging. <i>Neurogastroenterology and Motility</i> , 2022, 34, e14239.	1.6	6
7990	Effect of moderate altitude on human cerebral metabolite levels: A preliminary, multi-site, proton magnetic resonance spectroscopy investigation. <i>Psychiatry Research - Neuroimaging</i> , 2021, 314, 111314.	0.9	3
7991	Functional redundancy of the premotor network in hemispherotomy patients. <i>Annals of Clinical and Translational Neurology</i> , 2021, 8, 1796-1808.	1.7	2

#	ARTICLE	IF	CITATIONS
7992	Neurostimulation for cognitive enhancement in Alzheimer's disease (the NICE-AD study): a randomized clinical trial. <i>Neurodegenerative Disease Management</i> , 2021, 11, 277-288.	1.2	4
7993	Diffusion tensor-based analysis of white matter in the healthy aging canine brain. <i>Neurobiology of Aging</i> , 2021, 105, 129-136.	1.5	7
7994	Enhanced functional connectivity between habenula and salience network in medication-overuse headache complicating chronic migraine positions it within the addiction disorders: an ICA-based resting-state fMRI study. <i>Journal of Headache and Pain</i> , 2021, 22, 107.	2.5	8
7996	Ageing-related changes in nap neurooscillatory activity are mediated and moderated by grey matter volume. <i>European Journal of Neuroscience</i> , 2021, 54, 7332-7354.	1.2	7
7997	Individual differences in neuroanatomy and neurophysiology predict effects of transcranial alternating current stimulation. <i>Brain Stimulation</i> , 2021, 14, 1317-1329.	0.7	27
7998	Central nervous system atrophy predicts future dynamics of disability progression in a real-world multiple sclerosis cohort. <i>European Journal of Neurology</i> , 2021, 28, 4153-4166.	1.7	10
8000	Dopaminergic and noradrenergic modulation of stress-induced alterations in brain activation associated with goal-directed behaviour. <i>Journal of Psychopharmacology</i> , 2021, 35, 1449-1463.	2.0	7
8001	Social Relationship Strength Modulates the Similarity of Brain-to-Brain Representations of Group Members. <i>Cerebral Cortex</i> , 2022, 32, 2469-2477.	1.6	4
8002	Temporo-cerebellar connectivity underlies timing constraints in audition. <i>ELife</i> , 2021, 10, .	2.8	8
8003	Patient-Specific Network Connectivity Combined With a Next Generation Neural Mass Model to Test Clinical Hypothesis of Seizure Propagation. <i>Frontiers in Systems Neuroscience</i> , 2021, 15, 675272.	1.2	12
8004	Viscoelastic biomechanical models to predict inward brain-shift using public benchmark data. <i>Physics in Medicine and Biology</i> , 2021, 66, 205012.	1.6	3
8005	Structural and functional brain changes in X-linked Charcot-Marie-Tooth disease: insights from a multimodal neuroimaging study. <i>Neuroradiology</i> , 2022, 64, 543-552.	1.1	0
8006	The "Narratives" fMRI dataset for evaluating models of naturalistic language comprehension. <i>Scientific Data</i> , 2021, 8, 250.	2.4	50
8007	Obesity is associated with reduced cerebral blood flow " modified by physical activity. <i>Neurobiology of Aging</i> , 2021, 105, 35-47.	1.5	31
8008	Subspace-constrained approaches to low-rank fMRI acceleration. <i>NeuroImage</i> , 2021, 238, 118235.	2.1	5
8009	Sex-specific patterns of white matter microstructure are associated with emerging depression during adolescence. <i>Psychiatry Research - Neuroimaging</i> , 2021, 315, 111324.	0.9	4
8010	White matter integrity and functional connectivity in adolescents with a parental history of substance use disorder. <i>NeuroImage Reports</i> , 2021, 1, 100037.	0.5	2
8011	Development of the visual white matter pathways mediates development of electrophysiological responses in visual cortex. <i>Human Brain Mapping</i> , 2021, 42, 5785-5797.	1.9	10

#	ARTICLE	IF	CITATIONS
8012	Population-Average Brain Templates and Application to Automated Voxel-Wise Analysis Pipelines for Cynomolgus Macaque. <i>Neuroinformatics</i> , 2022, 20, 613-626.	1.5	1
8013	Dopamine D1 and D2 receptors are distinctly associated with rest-activity rhythms and drug reward. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	13
8015	Investigating the interaction between white matter and brain state on tDCS-induced changes in brain network activity. <i>Brain Stimulation</i> , 2021, 14, 1261-1270.	0.7	5
8016	Training data distribution significantly impacts the estimation of tissue microstructure with machine learning. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 932-947.	1.9	35
8018	Evaluation and categorisation of individual patients based on white matter profiles: Single-patient diffusion data interpretation in neurodegeneration. <i>Journal of the Neurological Sciences</i> , 2021, 428, 117584.	0.3	10
8019	Auditory hallucinations activate language and verbal short-term memory, but not auditory, brain regions. <i>Scientific Reports</i> , 2021, 11, 18890.	1.6	7
8020	Effect of alcohol, tobacco, and cannabis co-use on gray matter volume in heavy drinkers.. <i>Psychology of Addictive Behaviors</i> , 2021, 35, 760-768.	1.4	9
8023	Relation Between the Corticospinal Tract State and Activities of Daily Living in Patients With Intracerebral Hemorrhage. <i>Stroke</i> , 2022, 53, 544-551.	1.0	4
8025	White Matter, Gray Matter and Cerebrospinal Fluid Segmentation from Brain Magnetic Resonance Imaging Using Adaptive U-Net and Local Convolutional Neural Network. <i>Computer Journal</i> , 2022, 65, 3081-3090.	1.5	3
8026	Higher Framingham Risk Scores are associated with greater loss of brain volume over time in multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2021, 54, 103088.	0.9	10
8027	Mild brain lesions do not affect brain volumes in moderate-late preterm infants. <i>European Journal of Paediatric Neurology</i> , 2021, 34, 91-98.	0.7	0
8028	Technical and clinical validation of commercial automated volumetric MRI tools for dementia diagnosis—a systematic review. <i>Neuroradiology</i> , 2021, 63, 1773-1789.	1.1	29
8030	Tracking Positive and Negative Symptom Improvement in First-Episode Schizophrenia Treated with Risperidone Using Individual-Level Functional Connectivity. <i>Brain Connectivity</i> , 2022, 12, 454-464.	0.8	3
8031	Functional Organization of Frontoparietal Cortex in the Marmoset Investigated with Awake Resting-State fMRI. <i>Cerebral Cortex</i> , 2022, 32, 1965-1977.	1.6	1
8032	Exploring Peritumoral Neural Tracts by Using Neurite Orientation Dispersion and Density Imaging. <i>Frontiers in Neuroscience</i> , 2021, 15, 702353.	1.4	3
8033	Asymmetric Ensemble of Asymmetric U-Net Models for Brain Tumor Segmentation With Uncertainty Estimation. <i>Frontiers in Neurology</i> , 2021, 12, 609646.	1.1	9
8034	Correcting for Superficial Bias in 7T Gradient Echo fMRI. <i>Frontiers in Neuroscience</i> , 2021, 15, 715549.	1.4	4
8035	Clinical translational neuroimaging of the antioxidant effect of N-acetylcysteine on neural microstructure. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 820-836.	1.9	3

#	ARTICLE	IF	CITATIONS
8036	Amyloid-driven disruption of default mode network connectivity in cognitively healthy individuals. <i>Brain Communications</i> , 2021, 3, fcab201.	1.5	14
8037	The regional effect of serum hormone levels on cerebral blood flow in healthy nonpregnant women. <i>Human Brain Mapping</i> , 2021, 42, 5677-5688.	1.9	13
8038	A meta-analysis of deep brain structural shape and asymmetry abnormalities in 2,833 individuals with schizophrenia compared with 3,929 healthy volunteers via the ENIGMA Consortium. <i>Human Brain Mapping</i> , 2022, 43, 352-372.	1.9	39
8039	Functionally homologous representation of vocalizations in the auditory cortex of humans and macaques. <i>Current Biology</i> , 2021, 31, 4839-4844.e4.	1.8	24
8040	Microstructural Plasticity in the Hippocampus of Healthy Older Adults after Acute Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2021, 53, 1928-1936.	0.2	10
8041	MRI characterization of rat brain aging at structural and functional level: Clues for translational applications. <i>Experimental Gerontology</i> , 2021, 152, 111432.	1.2	2
8042	DCE-MRI of Brain Fluid Barriers: <i>In Vivo</i> Water Cycling at the Human Choroid Plexus. <i>Tissue Barriers</i> , 2022, 10, 1963143.	1.6	6
8044	Reliability on multiband diffusion NODDI models: A test retest study on children and adults. <i>NeuroImage</i> , 2021, 238, 118234.	2.1	11
8045	Aging of the Nigrostriatal Tract in the Human Brain: A Diffusion Tensor Imaging Study. <i>Medicina (Lithuania)</i> , 2021, 57, 994.	0.8	1
8046	Structural Connectivity Remote From Lesions Correlates With Somatosensory Outcome Poststroke. <i>Stroke</i> , 2021, 52, 2910-2920.	1.0	9
8047	Accessible pediatric neuroimaging using a low field strength MRI scanner. <i>NeuroImage</i> , 2021, 238, 118273.	2.1	32
8048	Nucleus accumbens projections: Validity and reliability of fiber reconstructions based on high-resolution diffusion-weighted MRI. <i>Human Brain Mapping</i> , 2021, 42, 5888-5910.	1.9	3
8049	Comparison of Five Conductivity Tensor Models and Image Reconstruction Methods Using MRI. <i>Molecules</i> , 2021, 26, 5499.	1.7	4
8050	Investigation of the Number of Tests Required for Assaying Plasma Biomarkers Associated with Alzheimer's Disease Using Immunomagnetic Reduction. <i>Neurology and Therapy</i> , 2021, 10, 1015-1028.	1.4	0
8051	Reduced default mode network connectivity relative to white matter integrity is associated with poor cognitive outcomes in patients with idiopathic normal pressure hydrocephalus. <i>BMC Neurology</i> , 2021, 21, 353.	0.8	4
8052	Brain White Matter Microstructure as a Risk Factor for Cognitive Decline After Chemotherapy for Breast Cancer. <i>Journal of Clinical Oncology</i> , 2021, 39, 3908-3917.	0.8	12
8053	Prefrontal Cortex Activation and Stopping Performance Underlie the Beneficial Effects of Atomoxetine on Response Inhibition in Healthy Volunteers and Those With Cocaine Use Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2022, 7, 1116-1126.	1.1	6
8054	Characterizing the hyper- and hypometabolism in temporal lobe epilepsy using multivariate machine learning. <i>Journal of Neuroscience Research</i> , 2021, 99, 3035-3046.	1.3	5

#	ARTICLE	IF	CITATIONS
8055	The impact of early musical training on striatal functional connectivity. <i>NeuroImage</i> , 2021, 238, 118251.	2.1	7
8056	Blood Oxygen Level-Dependent Lag Patterns Differ Between Rest and Task Conditions, but Are Largely Typical in Autism. <i>Brain Connectivity</i> , 2022, 12, 234-245.	0.8	1
8057	The bilingual structural connectome: Dual-language experiential factors modulate distinct cerebral networks. <i>Brain and Language</i> , 2021, 220, 104978.	0.8	19
8058	Network Diffusion Embedding Reveals Transdiagnostic Subnetwork Disruption and Potential Treatment Targets in Internalizing Psychopathologies. <i>Cerebral Cortex</i> , 2022, 32, 1823-1839.	1.6	1
8059	Predictors of thermal response and lesion size in patients undergoing magnetic resonance-guided focused ultrasound thalamotomy. <i>Journal of Clinical Neuroscience</i> , 2021, 91, 75-79.	0.8	4
8060	Fixel-Based Analysis Effectively Identifies White Matter Tract Degeneration in Huntington's Disease. <i>Frontiers in Neuroscience</i> , 2021, 15, 711651.	1.4	5
8062	The specificity of orientation-tuned normalization within human early visual cortex. <i>Journal of Neurophysiology</i> , 2021, 126, 1536-1546.	0.9	6
8065	Neural mechanisms of intimate partner aggression. <i>Biological Psychology</i> , 2021, 165, 108195.	1.1	4
8066	Exploring relationships between alcohol consumption, inflammation, and brain structure in a heavy drinking sample. <i>Alcoholism: Clinical and Experimental Research</i> , 2021, 45, 2256-2270.	1.4	8
8067	Translating state-of-the-art brain magnetic resonance imaging (MRI) techniques into clinical practice: multimodal MRI differentiates dementia subtypes in a traditional clinical setting. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, 11, 4056-4073.	1.1	7
8068	Nutritional Intake, White Matter Integrity, and Neurodevelopment in Extremely Preterm Born Infants. <i>Nutrients</i> , 2021, 13, 3409.	1.7	13
8069	Reemergence of the language network during recovery from severe traumatic brain injury: A pilot functional MRI study. <i>Brain Injury</i> , 2021, 35, 1552-1562.	0.6	6
8070	Association of iron rim lesions with brain and cervical cord volume in relapsing multiple sclerosis. <i>European Radiology</i> , 2022, 32, 2012-2022.	2.3	19
8071	The Influence of the Head Model Conductor on the Source Localization of Auditory Evoked Potentials. <i>Brain Topography</i> , 2021, 34, 793-812.	0.8	10
8072	Altered Structural Brain Networks in Refractory and Nonrefractory Idiopathic Generalized Epilepsy. <i>Brain Connectivity</i> , 2022, 12, 549-560.	0.8	12
8073	Spatiotemporal characterisation of ischaemic lesions in transient stroke animal models using diffusion free water elimination and mapping MRI with echo time dependence. <i>NeuroImage</i> , 2021, 244, 118605.	2.1	3
8074	No Evidence of a Difference in Susceptibility-Weighted Imaging Lesion Burden or Functional Network Connectivity between Children with Typical and Delayed Recovery Two Weeks Post-Concussion. <i>Journal of Neurotrauma</i> , 2021, 38, 2384-2390.	1.7	4
8075	Neural basis of approximate number in congenital blindness. <i>Cortex</i> , 2021, 142, 342-356.	1.1	4

#	ARTICLE	IF	CITATIONS
8076	The maturation and cognitive relevance of structural brain network organization from early infancy to childhood. <i>NeuroImage</i> , 2021, 238, 118232.	2.1	14
8077	Brain-environment alignment during movie watching predicts fluid intelligence and affective function in adulthood. <i>NeuroImage</i> , 2021, 238, 118177.	2.1	3
8078	Impact of Locus Coeruleus and Its Projections on Memory and Aging. <i>Brain Connectivity</i> , 2022, 12, 223-233.	0.8	10
8079	A novel technique for accurate electrode placement over cortical targets for transcranial electrical stimulation (tES) clinical trials. <i>Journal of Neural Engineering</i> , 2021, 18, .	1.8	5
8080	Functionnectome as a framework to analyse the contribution of brain circuits to fMRI. <i>Communications Biology</i> , 2021, 4, 1035.	2.0	18
8081	Neural and behavioral correlates of human pain avoidance in participants with and without episodic migraine. <i>Pain</i> , 2021, Publish Ahead of Print, .	2.0	2
8082	Right-left asymmetry in corticospinal tract microstructure and dexterity are uncoupled in late adulthood. <i>NeuroImage</i> , 2021, 240, 118405.	2.1	5
8083	On the potential for mapping apparent neural soma density via a clinically viable diffusion MRI protocol. <i>NeuroImage</i> , 2021, 239, 118303.	2.1	10
8085	The autonomic brain: Multi-dimensional generative hierarchical modelling of the autonomic connectome. <i>Cortex</i> , 2021, 143, 164-179.	1.1	18
8086	Intra-session test-retest reliability of functional connectivity in infants. <i>NeuroImage</i> , 2021, 239, 118284.	2.1	10
8087	Oxytocin, PTSD, and sexual abuse are associated with attention network intrinsic functional connectivity. <i>Psychiatry Research - Neuroimaging</i> , 2021, 316, 111345.	0.9	6
8088	Brain atrophy rates in patients with multiple sclerosis on long term natalizumab resembles healthy controls. <i>Multiple Sclerosis and Related Disorders</i> , 2021, 55, 103170.	0.9	8
8089	Potential associations between immune signaling genes, deactivated microglia, and oligodendrocytes and cortical gray matter loss in patients with long-term remitted Cushing's disease. <i>Psychoneuroendocrinology</i> , 2021, 132, 105334.	1.3	6
8090	A practical modification to a resting state fMRI protocol for improved characterization of cerebrovascular function. <i>NeuroImage</i> , 2021, 239, 118306.	2.1	18
8091	Resting state functional networks in 1-to-3-year-old typically developing children. <i>Developmental Cognitive Neuroscience</i> , 2021, 51, 100991.	1.9	8
8092	Perilesional white matter integrity in drug-resistant epilepsy related to focal cortical dysplasia. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2021, 91, 484-489.	0.9	1
8093	The diffusion-simulated connectivity (DiSCo) dataset. <i>Data in Brief</i> , 2021, 38, 107429.	0.5	5
8094	Prospective study on microstructure in medication-naïve adolescents with first-episode major depressive disorder. <i>Journal of Affective Disorders</i> , 2021, 293, 268-275.	2.0	5

#	ARTICLE	IF	CITATIONS
8095	Is the prefrontal cortex organized by supramodal or modality-specific sensory demands during adolescence?. <i>Developmental Cognitive Neuroscience</i> , 2021, 51, 101006.	1.9	2
8096	Regional White Matter Diffusion Changes Associated with the Cumulative Tensile Strain and Strain Rate in Nonconcussed Youth Football Players. <i>Journal of Neurotrauma</i> , 2021, 38, 2763-2771.	1.7	6
8097	Human larynx motor cortices coordinate respiration for vocal-motor control. <i>NeuroImage</i> , 2021, 239, 118326.	2.1	13
8098	Healthy dietary intake moderates the effects of age on brain iron concentration and working memory performance. <i>Neurobiology of Aging</i> , 2021, 106, 183-196.	1.5	12
8099	Pain differences in neurite orientation dispersion and density imaging measures among community-dwelling older adults. <i>Experimental Gerontology</i> , 2021, 154, 111520.	1.2	3
8100	Longitudinal stability of resting-state networks in normal aging, mild cognitive impairment, and Alzheimer's disease. <i>Magnetic Resonance Imaging</i> , 2021, 82, 55-73.	1.0	3
8101	Sleep-related and diurnal effects on brain diffusivity and cerebrospinal fluid flow. <i>NeuroImage</i> , 2021, 241, 118420.	2.1	19
8102	Does local cerebellar volume predict treatment success in anorexia nervosa?. <i>Psychiatry Research - Neuroimaging</i> , 2021, 317, 111355.	0.9	8
8103	An ordinal CNN approach for the assessment of neurological damage in Parkinson's disease patients. <i>Expert Systems With Applications</i> , 2021, 182, 115271.	4.4	11
8104	Changes in LASSI-L performance over time among older adults with amnesic MCI and amyloid positivity: A preliminary study. <i>Journal of Psychiatric Research</i> , 2021, 143, 98-105.	1.5	5
8105	Changes in negative symptoms are linked to white matter changes in superior longitudinal fasciculus in individuals at ultra-high risk for psychosis. <i>Schizophrenia Research</i> , 2021, 237, 192-201.	1.1	6
8106	Self-regulation of stress-related large-scale brain network balance using real-time fMRI neurofeedback. <i>NeuroImage</i> , 2021, 243, 118527.	2.1	10
8107	Ventral intermediate nucleus structural connectivity-derived segmentation: anatomical reliability and variability. <i>NeuroImage</i> , 2021, 243, 118519.	2.1	7
8108	Decompose quantitative susceptibility mapping (QSM) to sub-voxel diamagnetic and paramagnetic components based on gradient-echo MRI data. <i>NeuroImage</i> , 2021, 242, 118477.	2.1	31
8109	Neural networks for parameter estimation in microstructural MRI: Application to a diffusion-relaxation model of white matter. <i>NeuroImage</i> , 2021, 244, 118601.	2.1	20
8110	A population receptive field model of the magnetoencephalography response. <i>NeuroImage</i> , 2021, 244, 118554.	2.1	1
8111	Greater baseline connectivity of the salience and negative affect circuits are associated with natural improvements in anxiety over time in untreated participants. <i>Journal of Affective Disorders</i> , 2021, 295, 366-376.	2.0	0
8112	Structural assessment of thalamus morphology in brain disorders: A review and recommendation of thalamic nucleus segmentation and shape analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 131, 466-478.	2.9	17

#	ARTICLE	IF	CITATIONS
8113	Activation and deactivation patterns in schizophrenia during performance of an fMRI adapted version of the stroop task. <i>Journal of Psychiatric Research</i> , 2021, 144, 1-7.	1.5	3
8114	Stereotactic spaces. , 2022, , 169-184.		0
8115	The association between air pollutants and hippocampal volume from magnetic resonance imaging: A systematic review and meta-analysis. <i>Environmental Research</i> , 2022, 204, 111976.	3.7	22
8116	An age-dependent Connectivity-based computer aided diagnosis system for Autism Spectrum Disorder using Resting-state fMRI. <i>Biomedical Signal Processing and Control</i> , 2022, 71, 103108.	3.5	14
8117	Individualized Functional Subnetworks Connect Human Striatum and Frontal Cortex. <i>Cerebral Cortex</i> , 2022, 32, 2868-2884.	1.6	20
8118	Associations of subclinical autistic-like traits with brain structural variation using diffusion tensor imaging and voxel-based morphometry. <i>European Psychiatry</i> , 2021, 64, e27.	0.1	3
8119	A studyforrest extension, an annotation of spoken language in the German dubbed movie "Forrest Gump" and its audio-description. <i>F1000Research</i> , 2021, 10, 54.	0.8	4
8120	Natural sleep loss is associated with lower mPFC activity during negative distracter processing. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2021, 21, 242-253.	1.0	7
8121	Magnetic Resonance Imaging and Gait Analysis Indicate Similar Outcomes Between Yucatan and Landrace Porcine Ischemic Stroke Models. <i>Frontiers in Neurology</i> , 2020, 11, 594954.	1.1	3
8122	Relations between hemispheric asymmetries of grey matter and auditory processing of spoken syllables in 281 healthy adults. <i>Brain Structure and Function</i> , 2022, 227, 561-572.	1.2	5
8123	Image-driven classification of functioning and nonfunctioning pituitary adenoma by deep convolutional neural networks. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 3077-3086.	1.9	7
8124	Effect of distortion corrections on the tractography quality in spinal cord diffusion-weighted imaging. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 3241-3255.	1.9	8
8125	Replicable association between human cytomegalovirus infection and reduced white matter fractional anisotropy in major depressive disorder. <i>Neuropsychopharmacology</i> , 2021, 46, 928-938.	2.8	16
8127	Neurophysiological Effects of Whole Coffee Cherry Extract in Older Adults with Subjective Cognitive Impairment: A Randomized, Double-Blind, Placebo-Controlled, Cross-Over Pilot Study. <i>Antioxidants</i> , 2021, 10, 144.	2.2	12
8128	Principal regression for high dimensional covariance matrices. <i>Electronic Journal of Statistics</i> , 2021, 15, .	0.4	2
8129	Subclinical post-traumatic stress symptomology and brain structure in youth with chronic headaches. <i>NeuroImage: Clinical</i> , 2021, 30, 102627.	1.4	6
8130	Memory, processing of emotional stimuli, and volume of limbic structures in pediatric-onset multiple sclerosis. <i>NeuroImage: Clinical</i> , 2021, 31, 102753.	1.4	4
8131	Aberrant rich club organization in patients with obsessive-compulsive disorder and their unaffected first-degree relatives. <i>NeuroImage: Clinical</i> , 2021, 32, 102808.	1.4	8

#	ARTICLE	IF	CITATIONS
8132	From biomechanics to pathology: predicting axonal injury from patterns of strain after traumatic brain injury. <i>Brain</i> , 2021, 144, 70-91.	3.7	47
8133	Self-guided Multi-attention Network for Periventricular Leukomalacia Recognition. <i>Lecture Notes in Computer Science</i> , 2021, , 128-137.	1.0	0
8134	Association of White Matter Integrity With Executive Function and Antidepressant Treatment Outcome in Patients With Late-Life Depression. <i>American Journal of Geriatric Psychiatry</i> , 2021, 29, 1188-1198.	0.6	13
8135	White Matter Microstructural Differences between Hallucinating and Non-Hallucinating Schizophrenia Spectrum Patients. <i>Diagnostics</i> , 2021, 11, 139.	1.3	6
8136	Resting-state magnetoencephalography source magnitude imaging with deep learning neural network for classification of symptomatic combat-related mild traumatic brain injury. <i>Human Brain Mapping</i> , 2021, 42, 1987-2004.	1.9	5
8137	Alcoholism Detection via 5-Layer Customized Convolution Neural Network. <i>Lecture Notes in Computer Science</i> , 2021, , 424-434.	1.0	0
8138	In vivo assessment of neurodegeneration in Spinocerebellar Ataxia type 7. <i>NeuroImage: Clinical</i> , 2021, 29, 102561.	1.4	4
8139	Brain structural and functional substrates of ADGRL3 (latrophilin 3) haplotype in attention-deficit/hyperactivity disorder. <i>Scientific Reports</i> , 2021, 11, 2373.	1.6	1
8140	Evaluating survival in subjects with astrocytic brain tumors by dynamic susceptibility-weighted perfusion MR imaging. <i>PLoS ONE</i> , 2021, 16, e0244275.	1.1	0
8141	Study protocol: randomised controlled trial evaluating exercise therapy as a supplemental treatment strategy in early multiple sclerosis: the Early Multiple Sclerosis Exercise Study (EMSES). <i>BMJ Open</i> , 2021, 11, e043699.	0.8	11
8142	Spatial correspondence of spinal cord white matter tracts using diffusion tensor imaging, fibre tractography, and atlas-based segmentation. <i>Neuroradiology</i> , 2021, 63, 373-380.	1.1	6
8143	Cerebral amyloid angiopathy is associated with decreased functional brain connectivity. <i>NeuroImage: Clinical</i> , 2021, 29, 102546.	1.4	4
8144	Connectivity Patterns of Deep Brain Stimulation Targets in Patients with Gilles de la Tourette Syndrome. <i>Brain Sciences</i> , 2021, 11, 87.	1.1	6
8145	Network-constrained technique to characterize pathology progression rate in Alzheimer's disease. <i>Brain Communications</i> , 2021, 3, fcab144.	1.5	3
8146	Joint PVL Detection and Manual Ability Classification Using Semi-supervised Multi-task Learning. <i>Lecture Notes in Computer Science</i> , 2021, , 453-463.	1.0	2
8147	Bayesian Tensor Response Regression with an Application to Brain Activation Studies. <i>Bayesian Analysis</i> , 2021, 16, .	1.6	5
8148	Disrupted brain connectivity in children treated with therapeutic hypothermia for neonatal encephalopathy. <i>NeuroImage: Clinical</i> , 2021, 30, 102582.	1.4	16
8149	A Functional Polymorphism of the MAOA Gene Is Associated with Neural Responses to Induced Anger Control. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 1418-1427.	1.1	33

#	ARTICLE	IF	CITATIONS
8150	Clinical Correlates of White Matter Tract Degeneration in Progressive Supranuclear Palsy. Archives of Neurology, 2011, 68, 753-60.	4.9	110
8151	Different FDGâ€‘PET metabolic patterns of antiâ€‘AMPA and antiâ€‘NMDAR encephalitis: Case report and literature review. Brain and Behavior, 2020, 10, e01540.	1.0	32
8153	Neural systems for evaluating speaker (Un)believability. Human Brain Mapping, 2017, 38, 3732-3749.	1.9	21
8154	Regional structural hypoâ€‘and hyperconnectivity of frontalâ€‘striatal and frontalâ€‘thalamic pathways in behavioral variant frontotemporal dementia. Human Brain Mapping, 2018, 39, 4083-4093.	1.9	21
8155	Subjectâ€‘specific segregation of functional territories based on deep phenotyping. Human Brain Mapping, 2021, 42, 841-870.	1.9	11
8156	Associations of cannabis use disorder with cognition, brain structure, and brain function in African Americans. Human Brain Mapping, 2021, 42, 1727-1741.	1.9	9
8158	Multiclassifier Fusion in Human Brain MR Segmentation: Modelling Convergence. Lecture Notes in Computer Science, 2006, 9, 815-822.	1.0	4
8159	Brain Morphometry: Schizophrenia. Neuromethods, 2018, , 323-338.	0.2	1
8160	Brain Atlases: Their Development and Role in Functional Inference. Neuromethods, 2009, , 263-281.	0.2	2
8161	Magnetic Resonance Brain Image Processing and Arithmetic with FSL. Methods in Molecular Biology, 2011, 711, 109-126.	0.4	2
8162	Spinal Cord â€‘ MR of Rodent Models. Methods in Molecular Biology, 2011, 771, 355-383.	0.4	3
8163	Scanning Probe Microscopy in Materials Science. Springer Handbooks, 2019, , 1239-1277.	0.3	9
8164	Brain Biomarker Interpretation in ASD Using Deep Learning and fMRI. Lecture Notes in Computer Science, 2018, 11072, 206-214.	1.0	45
8165	SimNIBS 2.1: A Comprehensive Pipeline for Individualized Electric Field Modelling for Transcranial Brain Stimulation. , 2019, , 3-25.		115
8166	Estimation of TFields Intensity and Anisotropy with Singular Value Decomposition: A New and Comprehensive Method for Dosimetry of TFields. , 2019, , 173-193.		6
8167	Statistical Intensity- and Shape-Modeling to Automate Cerebrovascular Segmentation from TOF-MRA Data. Lecture Notes in Computer Science, 2019, , 164-172.	1.0	8
8168	Acquiring and Predicting Multidimensional Diffusion (MUDI) Data: An Open Challenge. Mathematics and Visualization, 2020, , 195-208.	0.4	8
8169	Free-Water Correction in Diffusion MRI: A Reliable and Robust Learning Approach. Mathematics and Visualization, 2020, , 91-99.	0.4	4

#	ARTICLE	IF	CITATIONS
8170	Interpretation of Disease Evidence for Medical Images Using Adversarial Deformation Fields. Lecture Notes in Computer Science, 2020, , 738-748.	1.0	2
8171	Brain Age Estimation from MRI Using a Two-Stage Cascade Network with Ranking Loss. Lecture Notes in Computer Science, 2020, , 198-207.	1.0	4
8173	A Framework to Compare Tractography Algorithms Based on Their Performance in Predicting Functional Networks. Lecture Notes in Computer Science, 2013, , 211-221.	1.0	2
8175	Effect of Data Acquisition and Analysis Method on Fiber Orientation Estimation in Diffusion MRI. Mathematics and Visualization, 2014, 2013, 13-24.	0.4	2
8176	K-Surfer: A KNIME Extension for the Management and Analysis of Human Brain MRI FreeSurfer/FSL Data. Lecture Notes in Computer Science, 2014, , 481-492.	1.0	14
8177	Multiple-Network Classification of Childhood Autism Using Functional Connectivity Dynamics. Lecture Notes in Computer Science, 2014, 17, 177-184.	1.0	57
8178	Generalized Diffusion Tractography Based on Directional Data Clustering. Studies in Computational Intelligence, 2015, , 311-320.	0.7	1
8180	Progressive Label Fusion Framework for Multi-atlas Segmentation by Dictionary Evolution. Lecture Notes in Computer Science, 2015, 9351, 190-197.	1.0	7
8181	Feature Selection Based on Iterative Canonical Correlation Analysis for Automatic Diagnosis of Parkinson's Disease. Lecture Notes in Computer Science, 2016, 9901, 1-8.	1.0	13
8182	Emphysema Quantification on Cardiac CT Scans Using Hidden Markov Measure Field Model: The MESA Lung Study. Lecture Notes in Computer Science, 2016, 9901, 624-631.	1.0	7
8183	Super Resolution Convolutional Neural Networks for Increasing Spatial Resolution of ^1H Magnetic Resonance Spectroscopic Imaging. Communications in Computer and Information Science, 2017, , 641-650.	0.4	4
8184	FiberNET: An Ensemble Deep Learning Framework for Clustering White Matter Fibers. Lecture Notes in Computer Science, 2017, , 548-555.	1.0	24
8186	A Framework for Interactive Parameter Sweep Applications. Lecture Notes in Computer Science, 2008, , 481-490.	1.0	2
8187	IRMA: An Image Registration Meta-algorithm. Lecture Notes in Computer Science, 2008, , 612-617.	1.0	5
8188	Comparison of methods and co-registration maps of EEG and fMRI in Occipital Lobe Epilepsy. , 2007, , 505-508.		1
8189	Detection and Segmentation of Pathological Structures by the Extended Graph-Shifts Algorithm. , 2007, 10, 985-993.		14
8190	Measuring Brain Lesion Progression with a Supervised Tissue Classification System. Lecture Notes in Computer Science, 2008, 11, 620-627.	1.0	61
8191	Visualization Tools for High Angular Resolution Diffusion Imaging. Lecture Notes in Computer Science, 2008, 11, 298-305.	1.0	15

#	ARTICLE	IF	CITATIONS
8192	Neuroimaging Data Provenance Using the LONI Pipeline Workflow Environment. Lecture Notes in Computer Science, 2008, , 208-220.	1.0	9
8193	Regression Models of Atlas Appearance. Lecture Notes in Computer Science, 2009, 21, 151-162.	1.0	7
8194	Improved Maximum a Posteriori Cortical Segmentation by Iterative Relaxation of Priors. Lecture Notes in Computer Science, 2009, 12, 441-449.	1.0	7
8196	Hierarchical Spherical Harmonics Based Deformable HARDI Registration. Lecture Notes in Computer Science, 2010, , 228-236.	1.0	1
8197	GPU Acceleration of Robust Point Matching. Lecture Notes in Computer Science, 2010, , 417-426.	1.0	5
8198	A Hybrid Approach to Brain Extraction from Premature Infant MRI. Lecture Notes in Computer Science, 2011, , 719-730.	1.0	9
8199	Face Prediction from fMRI Data during Movie Stimulus: Strategies for Feature Selection. Lecture Notes in Computer Science, 2011, , 189-196.	1.0	4
8200	A Probabilistic Framework to Infer Brain Functional Connectivity from Anatomical Connections. Lecture Notes in Computer Science, 2011, 22, 296-307.	1.0	20
8201	Connectivity Analysis of Hippocampus in Alzheimer's Brain Using Probabilistic Tractography. Lecture Notes in Computer Science, 2012, , 521-528.	1.0	2
8202	R & D Cloud CEIB: Management System and Knowledge Extraction for Bioimaging in the Cloud. Advances in Intelligent and Soft Computing, 2012, , 331-338.	0.2	1
8203	Resting-State FMRI Single Subject Cortical Parcellation Based on Region Growing. Lecture Notes in Computer Science, 2012, 15, 188-195.	1.0	15
8204	Groupwise Segmentation Improves Neuroimaging Classification Accuracy. Lecture Notes in Computer Science, 2012, , 185-193.	1.0	2
8205	Combining DTI and MRI for the Automated Detection of Alzheimer's Disease Using a Large European Multicenter Dataset. Lecture Notes in Computer Science, 2012, , 18-28.	1.0	16
8206	Do We Really Need Robust and Alternative Inference Methods for Brain MRI?. Lecture Notes in Computer Science, 2012, , 77-93.	1.0	1
8207	Variational Bayesian Learning of Sparse Representations and Its Application in Functional Neuroimaging. Lecture Notes in Computer Science, 2012, , 218-225.	1.0	2
8208	Real-Time Functional MRI Classification of Brain States Using Markov-SVM Hybrid Models: Peering Inside the rt-fMRI Black Box. Lecture Notes in Computer Science, 2012, , 242-255.	1.0	8
8209	Estimating the Location of Brodmann Areas from Cortical Folding Patterns Using Histology and Ex Vivo MRI. , 2013, , 129-156.		3
8210	Meta-ensembles of Classifiers for Alzheimer's Disease Detection Using Independent ROI Features. Lecture Notes in Computer Science, 2013, , 122-130.	1.0	4

#	ARTICLE	IF	CITATIONS
8211	An Ensemble of Classifiers Guided by the AAL Brain Atlas for Alzheimer's Disease Detection. Lecture Notes in Computer Science, 2013, , 107-114.	1.0	5
8212	Multi-atlas Segmentation with Robust Label Transfer and Label Fusion. Lecture Notes in Computer Science, 2013, 23, 548-559.	1.0	32
8213	Estimating the Location of Brodmann Areas from Cortical Folding Patterns Using Histology and Ex Vivo MRI. , 2013, , 129-156.		1
8214	A three-dimensional digital atlas of the Nile crocodile (<i>Crocodylus niloticus</i>) forebrain. Brain Structure and Function, 2020, 225, 683-703.	1.2	4
8215	A systematic comparison of structural-, structural connectivity-, and functional connectivity-based thalamus parcellation techniques. Brain Structure and Function, 2020, 225, 1631-1642.	1.2	25
8216	Quantitative FLAIR MRI in Amyotrophic Lateral Sclerosis. Academic Radiology, 2017, 24, 1187-1194.	1.3	31
8217	Individual differences in white and grey matter structure associated with verbal habits of thought. Brain Research, 2020, 1742, 146890.	1.1	1
8218	fMRI hemodynamic response function estimation in autoregressive noise by avoiding the drift. , 2017, 66, 29-41.		3
8219	Subcortical brain morphometry of avoidant personality disorder. Journal of Affective Disorders, 2020, 274, 1057-1061.	2.0	3
8220	Comparison of feature selection methods based on discrimination and reliability for fMRI decoding analysis. Journal of Neuroscience Methods, 2020, 335, 108567.	1.3	8
8221	The AGES-Reykjavik study atlases: Non-linear multi-spectral template and atlases for studies of the ageing brain. Medical Image Analysis, 2017, 39, 133-144.	7.0	6
8222	Neural activity for hip-knee control in those with anterior cruciate ligament reconstruction: A task-based functional connectivity analysis. Neuroscience Letters, 2020, 730, 134985.	1.0	39
8223	Local striatal reward signals can be predicted from corticostriatal connectivity. NeuroImage, 2017, 159, 9-17.	2.1	15
8224	Topographic organization of connections between prefrontal cortex and mediodorsal thalamus: Evidence for a general principle of indirect thalamic pathways between directly connected cortical areas. NeuroImage, 2019, 189, 832-846.	2.1	34
8225	The thalamic functional gradient and its relationship to structural basis and cognitive relevance. NeuroImage, 2020, 218, 116960.	2.1	43
8226	Neonatal morphometric similarity mapping for predicting brain age and characterizing neuroanatomic variation associated with preterm birth. NeuroImage: Clinical, 2020, 25, 102195.	1.4	41
8227	Elements of Functional Neuroimaging. , 0, , 19-55.		12
8228	Developmental outcomes of early adverse care on amygdala functional connectivity in nonhuman primates. Development and Psychopathology, 2020, 32, 1579-1596.	1.4	20

#	ARTICLE	IF	CITATIONS
8229	The impact of acute stress on the neural processing of food cues in bulimia nervosa: Replication in two samples.. <i>Journal of Abnormal Psychology</i> , 2017, 126, 540-551.	2.0	18
8230	Aberrant striatal tracking of reward magnitude in youth with current or past-year depression.. <i>Journal of Abnormal Psychology</i> , 2019, 128, 44-56.	2.0	12
8231	MEMRI for visualizing brain activity after auditory stimulation in frogs.. <i>Behavioral Neuroscience</i> , 2019, 133, 329-340.	0.6	4
8232	Mindfulness training reduces stress and amygdala reactivity to fearful faces in middle-school children.. <i>Behavioral Neuroscience</i> , 2019, 133, 569-585.	0.6	55
8233	A boon and a bane: Comparing the effects of prior knowledge on memory across the lifespan.. <i>Developmental Psychology</i> , 2019, 55, 1326-1337.	1.2	30
8234	Perceiving facial affective ambiguity: A behavioral and neural comparison of adolescents and adults.. <i>Emotion</i> , 2020, 20, 501-506.	1.5	9
8235	Neural valuation of antidrinking campaigns and risky peer influence in daily life.. <i>Health Psychology</i> , 2019, 38, 658-667.	1.3	7
8236	Gray matter integrity within regions of the dorsolateral prefrontal cortical-subcortical network predicts executive function and fine motor dexterity in spina bifida.. <i>Neuropsychology</i> , 2016, 30, 492-501.	1.0	13
8237	Structural neuroimaging in neuropsychology: History and contemporary applications.. <i>Neuropsychology</i> , 2017, 31, 934-953.	1.0	15
8238	Affective traits of psychopathy are linked to white-matter abnormalities in impulsive male offenders.. <i>Neuropsychology</i> , 2018, 32, 735-745.	1.0	18
8239	Age differences in false memory: The importance of retrieval monitoring processes and their modulation by memory quality.. <i>Psychology and Aging</i> , 2018, 33, 119-133.	1.4	30
8240	Lexical frequency affects functional activation and accuracy in picture naming among older and younger adults.. <i>Psychology and Aging</i> , 2020, 35, 536-552.	1.4	13
8241	Twenty-first birthday drinking: Extreme-drinking episodes and white matter microstructural changes in the fornix and corpus callosum.. <i>Experimental and Clinical Psychopharmacology</i> , 2020, 28, 553-566.	1.3	5
8242	The neural representation of self is recapitulated in the brains of friends: A round-robin fMRI study.. <i>Journal of Personality and Social Psychology</i> , 2020, 118, 407-416.	2.6	15
8243	Translating research findings into clinical practice: a systematic and critical review of neuroimaging-based clinical tools for brain disorders. <i>Translational Psychiatry</i> , 2020, 10, 107.	2.4	29
8244	Serum neurofilament light levels in normal aging and their association with morphologic brain changes. <i>Nature Communications</i> , 2020, 11, 812.	5.8	316
8245	Face selective patches in marmoset frontal cortex. <i>Nature Communications</i> , 2020, 11, 4856.	5.8	34
8246	<i>In Vivo</i> Magnetic Resonance Imaging of the Rat Vocal Folds After Systemic Dehydration and Rehydration. <i>Journal of Speech, Language, and Hearing Research</i> , 2020, 63, 135-142.	0.7	8

#	ARTICLE	IF	CITATIONS
8247	Noninvasive inference of information flow using diffusion MRI, functional MRI, and MEG. <i>Journal of Neural Engineering</i> , 2020, 17, 045003.	1.8	2
8248	Traumatic Brain Injury in a Community-Based Cohort of Homeless and Vulnerably Housed Individuals. <i>Journal of Neurotrauma</i> , 2017, 34, 3301-3310.	1.7	19
8249	Alterations in Network Connectivity after Traumatic Brain Injury in Mice. <i>Journal of Neurotrauma</i> , 2020, 37, 2169-2179.	1.7	11
8250	Abnormal dorsal attention network activation in memory impairment after traumatic brain injury. <i>Brain</i> , 2021, 144, 114-127.	3.7	17
8251	Vestibular agnosia in traumatic brain injury and its link to imbalance. <i>Brain</i> , 2021, 144, 128-143.	3.7	36
8252	Glioblastoma surgery related emotion recognition deficits are associated with right cerebral hemisphere tract changes. <i>Brain Communications</i> , 2020, 2, fcaa169.	1.5	10
8253	Altered Development of White Matter in Youth at High Familial Risk for Bipolar Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2010, 49, 1249-1259e1.	0.3	62
8254	White Matter Compromise of Callosal and Subcortical Fiber Tracts in Children With Autism Spectrum Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2010, 49, 1269-1278e2.	0.3	84
8255	Neural effects of placebo analgesia in fibromyalgia patients and healthy individuals. <i>Pain</i> , 2021, 162, 641-652.	2.0	7
8256	Additive and Synergistic Cardiovascular Disease Risk Factors and HIV Disease Markers' Effects on White Matter Microstructure in Virally Suppressed HIV. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2020, 84, 543-551.	0.9	6
8400	Brain Myelin Water Fraction and Diffusion Tensor Imaging Atlases for 9-10 Year-Old Children. <i>Journal of Neuroimaging</i> , 2020, 30, 150-160.	1.0	14
8401	Functional magnetic resonance imaging in disorders of consciousness: preliminary results of an innovative analysis of brain connectivity. <i>Functional Neurology</i> , 2015, 30, 193-201.	1.3	10
8402	Modeling white matter microstructure. <i>Functional Neurology</i> , 2016, 31, 217-228.	1.3	25
8403	Impact of cerebellar atrophy on cortical gray matter and cerebellar peduncles as assessed by voxel-based morphometry and high angular resolution diffusion imaging. <i>Functional Neurology</i> , 2016, 31, 239-248.	1.3	17
8404	Predicting ischemic stroke tissue fate using a deep convolutional neural network on source magnetic resonance perfusion images. <i>Journal of Medical Imaging</i> , 2019, 6, 1.	0.8	19
8405	Overall survival prediction in glioblastoma patients using structural magnetic resonance imaging (MRI): advanced radiomic features may compensate for lack of advanced MRI modalities. <i>Journal of Medical Imaging</i> , 2020, 7, 1.	0.8	26
8406	Skull segmentation from MR scans using a higher-order shape model based on convolutional restricted Boltzmann machines. , 2018, , .		1
8407	Regional autonomy changes in resting-state functional MRI in patients with HIV associated neurocognitive disorder. , 2018, , .		1

#	ARTICLE	IF	CITATIONS
8408	Resilient modular small-world directed brain networks in healthy subjects with large-scale Granger causality analysis of resting-state functional MRI. , 2018, , .		4
8409	Identification and functional characterization of HIV-associated neurocognitive disorders with large-scale Granger causality analysis on resting-state functional MRI. , 2018, 10575, .		4
8410	Patch-based surface morphometry feature selection with federated group lasso regression. , 2020, 11583, .		4
8411	Heritability estimates on resting state fMRI data using ENIGMA analysis pipeline. , 2018, , .		20
8412	Parallel distributed networks dissociate episodic and social functions within the individual. Journal of Neurophysiology, 2020, 123, 1144-1179.	0.9	129
8413	Luminance potentiates human visuocortical responses. Journal of Neurophysiology, 2020, 123, 473-483.	0.9	12
8414	Roux-en-Y gastric bypass surgery progressively alters radiologic measures of hypothalamic inflammation in obese patients. JCI Insight, 2019, 4, .	2.3	12
8415	Transient enlargement of brain ventricles during relapsing-remitting multiple sclerosis and experimental autoimmune encephalomyelitis. JCI Insight, 2020, 5, .	2.3	13
8416	PET neuroimaging reveals histone deacetylase dysregulation in schizophrenia. Journal of Clinical Investigation, 2018, 129, 364-372.	3.9	57
8417	High-dose vitamin D supplementation in multiple sclerosis “ results from the randomized EVIDIMS (efficacy of vitamin D supplementation in multiple sclerosis) trial. Multiple Sclerosis Journal - Experimental, Translational and Clinical, 2020, 6, 205521732090347.	0.5	27
8418	Semiparametric detection of significant activation for brain fMRI. Annals of Statistics, 2008, 36, .	1.4	20
8419	Early childhood bilingualism: effects on brain structure and function. F1000Research, 2020, 9, 370.	0.8	3
8420	High-resolution 7-Tesla fMRI data on the perception of musical genres “An extension to the studyforrest dataset. F1000Research, 0, 4, 174.	0.8	21
8421	A multi-scale computational model of the effects of TMS on motor cortex. F1000Research, 2016, 5, 1945.	0.8	30
8422	A multi-scale computational model of the effects of TMS on motor cortex. F1000Research, 2016, 5, 1945.	0.8	26
8423	Visual recovery demonstrated by functional MRI and diffusion tensor tractography in bilateral occipital lobe infarction. Yeungnam University Journal of Medicine, 2014, 31, 152.	0.1	1
8424	Brain Connectivity Predicts Placebo Response across Chronic Pain Clinical Trials. PLoS Biology, 2016, 14, e1002570.	2.6	139
8425	A comprehensive atlas of white matter tracts in the chimpanzee. PLoS Biology, 2020, 18, e3000971.	2.6	25

#	ARTICLE	IF	CITATIONS
8426	Decoding brain activity using a large-scale probabilistic functional-anatomical atlas of human cognition. PLoS Computational Biology, 2017, 13, e1005649.	1.5	124
8427	Repeated Exposure to Media Violence Is Associated with Diminished Response in an Inhibitory Frontolimbic Network. PLoS ONE, 2007, 2, e1268.	1.1	25
8428	Interictal Dysfunction of a Brainstem Descending Modulatory Center in Migraine Patients. PLoS ONE, 2008, 3, e3799.	1.1	196
8429	Optimal Waist-to-Hip Ratios in Women Activate Neural Reward Centers in Men. PLoS ONE, 2010, 5, e9042.	1.1	84
8430	Diffusion Tensor Imaging and Decision Making in Cocaine Dependence. PLoS ONE, 2010, 5, e11591.	1.1	91
8431	Neural Coding of Movement Direction in the Healthy Human Brain. PLoS ONE, 2010, 5, e13330.	1.1	19
8432	Sustained Reperfusion after Blockade of Glycoprotein-Receptor-Ib in Focal Cerebral Ischemia: An MRI Study at 17.6 Tesla. PLoS ONE, 2011, 6, e18386.	1.1	29
8433	Sex-Dependent Influences of Obesity on Cerebral White Matter Investigated by Diffusion-Tensor Imaging. PLoS ONE, 2011, 6, e18544.	1.1	121
8434	Improving the Characterization of Radiologically Isolated Syndrome Suggestive of Multiple Sclerosis. PLoS ONE, 2011, 6, e19452.	1.1	74
8436	Bilateral Fronto-Parietal Integrity in Young Chronic Cigarette Smokers: A Diffusion Tensor Imaging Study. PLoS ONE, 2011, 6, e26460.	1.1	45
8437	Target Identification for Stereotactic Thalamotomy Using Diffusion Tractography. PLoS ONE, 2012, 7, e29969.	1.1	28
8438	Dissociating Object Directed and Non-Object Directed Action in the Human Mirror System; Implications for Theories of Motor Simulation. PLoS ONE, 2012, 7, e32517.	1.1	35
8439	Classification and Lateralization of Temporal Lobe Epilepsies with and without Hippocampal Atrophy Based on Whole-Brain Automatic MRI Segmentation. PLoS ONE, 2012, 7, e33096.	1.1	59
8440	White Matter Abnormalities Correlating with Memory and Depression in Heroin Users under Methadone Maintenance Treatment. PLoS ONE, 2012, 7, e33809.	1.1	39
8441	The Time Course of Segmentation and Cue-Selectivity in the Human Visual Cortex. PLoS ONE, 2012, 7, e34205.	1.1	11
8442	Stimulus-Related Independent Component and Voxel-Wise Analysis of Human Brain Activity during Free Viewing of a Feature Film. PLoS ONE, 2012, 7, e35215.	1.1	49
8443	Hemispheric Asymmetry in White Matter Connectivity of the Temporoparietal Junction with the Insula and Prefrontal Cortex. PLoS ONE, 2012, 7, e35589.	1.1	85
8444	Feasibility of Using Ultra-High Field (7 T) MRI for Clinical Surgical Targeting. PLoS ONE, 2012, 7, e37328.	1.1	86

#	ARTICLE	IF	CITATIONS
8445	White Matter Abnormalities in Major Depression: A Tract-Based Spatial Statistics and Rumination Study. PLoS ONE, 2012, 7, e37561.	1.1	61
8446	Impact of Brain-Derived Neurotrophic Factor Val66Met Polymorphism on Cortical Thickness and Voxel-Based Morphometry in Healthy Chinese Young Adults. PLoS ONE, 2012, 7, e37777.	1.1	38
8447	Structural and Functional Abnormalities of Default Mode Network in Minimal Hepatic Encephalopathy: A Study Combining DTI and fMRI. PLoS ONE, 2012, 7, e41376.	1.1	54
8448	Improving DTI Tractography by including Diagonal Tract Propagation. PLoS ONE, 2012, 7, e43415.	1.1	25
8449	Brain Networks of Novelty-Driven Involuntary and Cued Voluntary Auditory Attention Shifting. PLoS ONE, 2012, 7, e44062.	1.1	41
8450	Relevance of Brain Lesion Location to Cognition in Relapsing Multiple Sclerosis. PLoS ONE, 2012, 7, e44826.	1.1	78
8451	Extra-Hippocampal Subcortical Limbic Involvement Predicts Episodic Recall Performance in Multiple Sclerosis. PLoS ONE, 2012, 7, e44942.	1.1	21
8452	Reproducibility of Structural, Resting-State BOLD and DTI Data between Identical Scanners. PLoS ONE, 2012, 7, e47684.	1.1	32
8453	Alterations in White Matter Microstructure in Neurofibromatosis-1. PLoS ONE, 2012, 7, e47854.	1.1	61
8454	Diffusion Tensor Metrics as Biomarkers in Alzheimer's Disease. PLoS ONE, 2012, 7, e49072.	1.1	101
8455	A Brain Network Processing the Age of Faces. PLoS ONE, 2012, 7, e49451.	1.1	13
8456	Different Patterns of White Matter Degeneration Using Multiple Diffusion Indices and Volumetric Data in Mild Cognitive Impairment and Alzheimer Patients. PLoS ONE, 2012, 7, e52859.	1.1	68
8457	It's All in the Eyes: Subcortical and Cortical Activation during Grotesqueness Perception in Autism. PLoS ONE, 2013, 8, e54313.	1.1	42
8458	Blood-Brain Barrier Permeability of Normal Appearing White Matter in Relapsing-Remitting Multiple Sclerosis. PLoS ONE, 2013, 8, e56375.	1.1	26
8459	Sensitivity to White Matter fMRI Activation Increases with Field Strength. PLoS ONE, 2013, 8, e58130.	1.1	47
8460	Effects of Reduced Weight Maintenance and Leptin Repletion on Functional Connectivity of the Hypothalamus in Obese Humans. PLoS ONE, 2013, 8, e59114.	1.1	65
8461	On the Origins of Signal Variance in FMRI of the Human Midbrain at High Field. PLoS ONE, 2013, 8, e62708.	1.1	15
8462	Task-Free Functional MRI in Cervical Dystonia Reveals Multi-Network Changes That Partially Normalize with Botulinum Toxin. PLoS ONE, 2013, 8, e62877.	1.1	112

#	ARTICLE	IF	CITATIONS
8463	Aberrant Functional Organization within and between Resting-State Networks in AD. PLoS ONE, 2013, 8, e63727.	1.1	51
8464	Pathophysiological Concepts in Mild Traumatic Brain Injury: Diffusion Tensor Imaging Related to Acute Perfusion CT Imaging. PLoS ONE, 2013, 8, e64461.	1.1	28
8465	Higher Frequency Network Activity Flow Predicts Lower Frequency Node Activity in Intrinsic Low-Frequency BOLD Fluctuations. PLoS ONE, 2013, 8, e64466.	1.1	27
8466	Robust Automated Detection of Microstructural White Matter Degeneration in Alzheimer's Disease Using Machine Learning Classification of Multicenter DTI Data. PLoS ONE, 2013, 8, e64925.	1.1	89
8467	Depth Sensitivity and Source-Detector Separations for Near Infrared Spectroscopy Based on the Colin27 Brain Template. PLoS ONE, 2013, 8, e66319.	1.1	185
8468	Length of Acupuncture Training and Structural Plastic Brain Changes in Professional Acupuncturists. PLoS ONE, 2013, 8, e66591.	1.1	10
8469	Diffusion Tensor Tractography versus Volumetric Imaging in the Diagnosis of Behavioral Variant Frontotemporal Dementia. PLoS ONE, 2013, 8, e66932.	1.1	44
8470	Testing the Sensitivity of Tract-Based Spatial Statistics to Simulated Treatment Effects in Preterm Neonates. PLoS ONE, 2013, 8, e67706.	1.1	27
8471	Progressive Levels of Physical Dependence to Tobacco Coincide with Changes in the Anterior Cingulum Bundle Microstructure. PLoS ONE, 2013, 8, e67837.	1.1	31
8472	Regional Brain Structural Abnormality in Meal-Related Functional Dyspepsia Patients: A Voxel-Based Morphometry Study. PLoS ONE, 2013, 8, e68383.	1.1	24
8473	Stability of Whole Brain and Regional Network Topology within and between Resting and Cognitive States. PLoS ONE, 2013, 8, e70275.	1.1	32
8474	Neural Basis of Limb Ownership in Individuals with Body Integrity Identity Disorder. PLoS ONE, 2013, 8, e72212.	1.1	56
8475	White Matter Deficits in Psychopathic Offenders and Correlation with Factor Structure. PLoS ONE, 2013, 8, e72375.	1.1	46
8476	Diffusion Weighted Image Denoising Using Overcomplete Local PCA. PLoS ONE, 2013, 8, e73021.	1.1	299
8477	Systemic Inflammation in Non-Demented Elderly Human Subjects: Brain Microstructure and Cognition. PLoS ONE, 2013, 8, e73107.	1.1	65
8478	Brain White Matter Shape Changes in Amyotrophic Lateral Sclerosis (ALS): A Fractal Dimension Study. PLoS ONE, 2013, 8, e73614.	1.1	41
8479	Boosting BOLD fMRI by K-Space Density Weighted Echo Planar Imaging. PLoS ONE, 2013, 8, e74501.	1.1	3
8480	Magnetic Resonance Spectroscopic Imaging and Volumetric Measurements of the Brain in Patients with Postcancer Fatigue: A Randomized Controlled Trial. PLoS ONE, 2013, 8, e74638.	1.1	7

#	ARTICLE	IF	CITATIONS
8481	Reproducibility of Post-Amphetamine [¹¹ C]FLB 457 Binding to Cortical D2/3 Receptors. PLoS ONE, 2013, 8, e76905.	1.1	17
8482	Alcohol Induces Sensitization to Gluten in Genetically Susceptible Individuals: A Case Control Study. PLoS ONE, 2013, 8, e77638.	1.1	12
8483	Body Mass and White Matter Integrity: The Influence of Vascular and Inflammatory Markers. PLoS ONE, 2013, 8, e77741.	1.1	36
8484	Associations between White Matter Microstructure and Cognitive Performance in Old and Very Old Age. PLoS ONE, 2013, 8, e81419.	1.1	25
8485	Structural and Diffusion Property Alterations in Unaffected Siblings of Patients with Obsessive-Compulsive Disorder. PLoS ONE, 2014, 9, e85663.	1.1	20
8486	Structural Integrity of the Contralesional Hemisphere Predicts Cognitive Impairment in Ischemic Stroke at Three Months. PLoS ONE, 2014, 9, e86119.	1.1	50
8487	MR Scanner Systems Should Be Adequately Characterized in Diffusion-MRI of the Breast. PLoS ONE, 2014, 9, e86280.	1.1	25
8488	Abnormal White Matter Integrity in the Corpus Callosum among Smokers: Tract-Based Spatial Statistics. PLoS ONE, 2014, 9, e87890.	1.1	35
8489	The Spectral Diversity of Resting-State Fluctuations in the Human Brain. PLoS ONE, 2014, 9, e93375.	1.1	76
8490	Relationship between Interleukin-6 Gene Polymorphism and Hippocampal Volume in Antipsychotic-Naïve Schizophrenia: Evidence for Differential Susceptibility?. PLoS ONE, 2014, 9, e96021.	1.1	61
8491	Multimodal Brain Connectivity Analysis in Unmedicated Late-Life Depression. PLoS ONE, 2014, 9, e96033.	1.1	34
8492	Brain without Anatomy: Construction and Comparison of Fully Network-Driven Structural MRI Connectomes. PLoS ONE, 2014, 9, e96196.	1.1	23
8493	Voluntary Enhancement of Neural Signatures of Affiliative Emotion Using fMRI Neurofeedback. PLoS ONE, 2014, 9, e97343.	1.1	69
8494	DTI Analysis in Patients with Primary Open-Angle Glaucoma: Impact of Registration on Voxel-Wise Statistics. PLoS ONE, 2014, 9, e99344.	1.1	7
8495	White Matter Tract Damage in the Behavioral Variant of Frontotemporal and Corticobasal Dementia Syndromes. PLoS ONE, 2014, 9, e102656.	1.1	26
8496	Interleukin-6, Age, and Corpus Callosum Integrity. PLoS ONE, 2014, 9, e106521.	1.1	48
8497	Resting-State fMRI Activity Predicts Unsupervised Learning and Memory in an Immersive Virtual Reality Environment. PLoS ONE, 2014, 9, e109622.	1.1	26
8498	Investigation of Cross-Species Translatability of Pharmacological MRI in Awake Nonhuman Primate - A Buprenorphine Challenge Study. PLoS ONE, 2014, 9, e110432.	1.1	18

#	ARTICLE	IF	CITATIONS
8499	Altered Functional Response to Risky Choice in HIV Infection. PLoS ONE, 2014, 9, e111583.	1.1	26
8500	Localizing Movement-Related Primary Sensorimotor Cortices with Multi-Band EEG Frequency Changes and Functional MRI. PLoS ONE, 2014, 9, e112103.	1.1	22
8501	Efficacy of Distortion Correction on Diffusion Imaging: Comparison of FSL Eddy and Eddy_Correct Using 30 and 60 Directions Diffusion Encoding. PLoS ONE, 2014, 9, e112411.	1.1	37
8502	Obesity Associated Cerebral Gray and White Matter Alterations Are Interrelated in the Female Brain. PLoS ONE, 2014, 9, e114206.	1.1	9
8503	Correlation between Relaxometry and Diffusion Tensor Imaging in the Globus Pallidus of Huntington's Disease Patients. PLoS ONE, 2015, 10, e0118907.	1.1	20
8504	White Matter Integrity Supports BOLD Signal Variability and Cognitive Performance in the Aging Human Brain. PLoS ONE, 2015, 10, e0120315.	1.1	49
8505	In Vivo 7T MRI of the Non-Human Primate Brainstem. PLoS ONE, 2015, 10, e0127049.	1.1	17
8506	Widespread Changes in White Matter Microstructure after a Day of Waking and Sleep Deprivation. PLoS ONE, 2015, 10, e0127351.	1.1	71
8507	Do Mirror Glasses Have the Same Effect on Brain Activity as a Mirror Box? Evidence from a Functional Magnetic Resonance Imaging Study with Healthy Subjects. PLoS ONE, 2015, 10, e0127694.	1.1	15
8508	Computational Study of Subdural Cortical Stimulation: Effects of Simulating Anisotropic Conductivity on Activation of Cortical Neurons. PLoS ONE, 2015, 10, e0128590.	1.1	19
8509	Extensive White Matter Alterations and Its Correlations with Ataxia Severity in SCA 2 Patients. PLoS ONE, 2015, 10, e0135449.	1.1	24
8510	Imaging Surrogates of Disease Activity in Neuromyelitis Optica Allow Distinction from Multiple Sclerosis. PLoS ONE, 2015, 10, e0137715.	1.1	47
8511	Acute Modulation of Brain Connectivity in Parkinson Disease after Automatic Mechanical Peripheral Stimulation: A Pilot Study. PLoS ONE, 2015, 10, e0137977.	1.1	24
8512	Spherical Deconvolution of Multichannel Diffusion MRI Data with Non-Gaussian Noise Models and Spatial Regularization. PLoS ONE, 2015, 10, e0138910.	1.1	27
8513	Concordance of Epileptic Networks Associated with Epileptic Spikes Measured by High-Density EEG and Fast fMRI. PLoS ONE, 2015, 10, e0140537.	1.1	15
8514	Neuroanatomical Correlates of Theory of Mind Deficit in Parkinson's Disease: A Multimodal Imaging Study. PLoS ONE, 2015, 10, e0142234.	1.1	31
8515	Alterations in Functional and Structural Connectivity in Pediatric-Onset Multiple Sclerosis. PLoS ONE, 2016, 11, e0145906.	1.1	28
8516	A Multi-Atlas Labeling Approach for Identifying Subject-Specific Functional Regions of Interest. PLoS ONE, 2016, 11, e0146868.	1.1	2

#	ARTICLE	IF	CITATIONS
8517	Moderate Physical Activity Mediates the Association between White Matter Lesion Volume and Memory Recall in Breast Cancer Survivors. PLoS ONE, 2016, 11, e0149552.	1.1	16
8518	Myelin Water Fraction Is Transiently Reduced after a Single Mild Traumatic Brain Injury – A Prospective Cohort Study in Collegiate Hockey Players. PLoS ONE, 2016, 11, e0150215.	1.1	80
8519	A Multivariate Granger Causality Concept towards Full Brain Functional Connectivity. PLoS ONE, 2016, 11, e0153105.	1.1	39
8520	NODDI and Tensor-Based Microstructural Indices as Predictors of Functional Connectivity. PLoS ONE, 2016, 11, e0153404.	1.1	60
8521	A Whole-Brain Investigation of White Matter Microstructure in Adolescents with Conduct Disorder. PLoS ONE, 2016, 11, e0155475.	1.1	16
8522	Distinct BOLD fMRI Responses of Capsaicin-Induced Thermal Sensation Reveal Pain-Related Brain Activation in Nonhuman Primates. PLoS ONE, 2016, 11, e0156805.	1.1	12
8523	Hyperglycemia Reduces Efficiency of Brain Networks in Subjects with Type 2 Diabetes. PLoS ONE, 2016, 11, e0157268.	1.1	44
8524	Structural and Functional Brain Correlates of Cognitive Impairment in Euthymic Patients with Bipolar Disorder. PLoS ONE, 2016, 11, e0158867.	1.1	35
8525	Verbal Memory Decline following DBS for Parkinson's Disease: Structural Volumetric MRI Relationships. PLoS ONE, 2016, 11, e0160583.	1.1	7
8526	The Relationship between Gray Matter Quantitative MRI and Disability in Secondary Progressive Multiple Sclerosis. PLoS ONE, 2016, 11, e0161036.	1.1	13
8527	Influences of High-Level Features, Gaze, and Scene Transitions on the Reliability of BOLD Responses to Natural Movie Stimuli. PLoS ONE, 2016, 11, e0161797.	1.1	21
8528	Striatum-Centered Fiber Connectivity Is Associated with the Personality Trait of Cooperativeness. PLoS ONE, 2016, 11, e0162160.	1.1	2
8529	Quantitative Susceptibility Mapping in Parkinson's Disease. PLoS ONE, 2016, 11, e0162460.	1.1	184
8530	From Cortical and Subcortical Grey Matter Abnormalities to Neurobehavioral Phenotype of Angelman Syndrome: A Voxel-Based Morphometry Study. PLoS ONE, 2016, 11, e0162817.	1.1	18
8531	Neural Correlates of Belief and Emotion Attribution in Schizophrenia. PLoS ONE, 2016, 11, e0165546.	1.1	11
8532	Development of an Automated MRI-Based Diagnostic Protocol for Amyotrophic Lateral Sclerosis Using Disease-Specific Pathognomonic Features: A Quantitative Disease-State Classification Study. PLoS ONE, 2016, 11, e0167331.	1.1	65
8533	DaT-SPECT assessment depicts dopamine depletion among asymptomatic G2019S LRRK2 mutation carriers. PLoS ONE, 2017, 12, e0175424.	1.1	27
8534	Story time turbocharger? Child engagement during shared reading and cerebellar activation and connectivity in preschool-age children listening to stories. PLoS ONE, 2017, 12, e0177398.	1.1	47

#	ARTICLE	IF	CITATIONS
8535	Voxelwise distribution of acute ischemic stroke lesions in patients with newly diagnosed atrial fibrillation: Trigger of arrhythmia or only target of embolism?. PLoS ONE, 2017, 12, e0177474.	1.1	15
8536	Correlation between white matter microstructure and executive functions suggests early developmental influence on long fibre tracts in preterm born adolescents. PLoS ONE, 2017, 12, e0178893.	1.1	56
8537	Bilateral effects of unilateral cerebellar lesions as detected by voxel based morphometry and diffusion imaging. PLoS ONE, 2017, 12, e0180439.	1.1	9
8538	Image identification from brain activity using the population receptive field model. PLoS ONE, 2017, 12, e0183295.	1.1	10
8539	Contrasting resting-state fMRI abnormalities from sickle and non-sickle anemia. PLoS ONE, 2017, 12, e0184860.	1.1	22
8540	Quantitative assessment of the susceptibility artefact and its interaction with motion in diffusion MRI. PLoS ONE, 2017, 12, e0185647.	1.1	72
8541	Towards an ontology of cognitive processes and their neural substrates: A structural equation modeling approach. PLoS ONE, 2020, 15, e0228167.	1.1	5
8542	CONNECTIVITY OF INFERIOR CEREBELLAR PEDUNCLE IN THE HUMAN BRAIN: A DIFFUSION TENSOR IMAGING STUDY. Neural Network World, 2016, 26, 439-447.	0.5	5
8543	Attentional bias modification is associated with fMRI response toward negative stimuli in individuals with residual depression: a randomized controlled trial. Journal of Psychiatry and Neuroscience, 2020, 45, 23-33.	1.4	24
8544	Large-Scale Network Coupling with the Fusiform Cortex Facilitates Future Social Motivation. ENeuro, 2017, 4, ENEURO.0084-17.2017.	0.9	18
8545	Key Brain Network Nodes Show Differential Cognitive Relevance and Developmental Trajectories during Childhood and Adolescence. ENeuro, 2018, 5, ENEURO.0092-18.2018.	0.9	23
8546	Slow Accumulations of Neural Activities in Multiple Cortical Regions Precede Self-Initiation of Movement: An Event-Related fMRI Study. ENeuro, 2017, 4, ENEURO.0183-17.2017.	0.9	11
8547	Sensorimotor Representation of Speech Perception. Cross-Decoding of Place of Articulation Features during Selective Attention to Syllables in 7T fMRI. ENeuro, 2018, 5, ENEURO.0252-17.2018.	0.9	26
8548	The Neural Dynamics of Individual Differences in Episodic Autobiographical Memory. ENeuro, 2020, 7, ENEURO.0531-19.2020.	0.9	10
8549	Topographic Mapping as a Basic Principle of Functional Organization for Visual and Prefrontal Functional Connectivity. ENeuro, 2020, 7, ENEURO.0532-19.2019.	0.9	8
8550	Dynamic Shifts in Large-Scale Brain Network Balance As a Function of Arousal. Journal of Neuroscience, 2017, 37, 281-290.	1.7	14
8551	Resting state fMRI connectivity analysis as a tool for detection of abnormalities in five different cognitive networks of the brain in MS patients. Clinical Case Reports and Reviews, 2016, 2, 464-471.	0.1	10
8552	A correlation between diffusion kurtosis imaging and the proliferative activity of brain glioma. Zhurnal Voprosy Neirokhirurgii Imeni N N Burdenko, 2015, 79, 5.	0.1	6

#	ARTICLE	IF	CITATIONS
8553	Intrasession Reliability of Arterial Spin-Labeled MRIâ€“Measured Noncontrast Perfusion in Glioblastoma at 3 T. <i>Tomography</i> , 2020, 6, 139-147.	0.8	6
8554	Habitual tea drinking modulates brain efficiency: evidence from brain connectivity evaluation. <i>Aging</i> , 2019, 11, 3876-3890.	1.4	10
8555	Cortical aging â€“ new insights with multiparametric quantitative MRI. <i>Aging</i> , 2020, 12, 16195-16210.	1.4	12
8556	White matter degeneration in subjective cognitive decline: a diffusion tensor imaging study. <i>Oncotarget</i> , 2016, 7, 54405-54414.	0.8	49
8557	Special Volume on Magnetic Resonance Imaging in R. <i>Journal of Statistical Software</i> , 2011, 44, .	1.8	4
8558	cudaBayesreg: Parallel Implementation of a Bayesian Multilevel Model for fMRI Data Analysis. <i>Journal of Statistical Software</i> , 2011, 44, .	1.8	9
8559	Working with the DICOM and NIFTI Data Standards in R. <i>Journal of Statistical Software</i> , 2011, 44, .	1.8	84
8560	TractoR: Magnetic Resonance Imaging and Tractography with R. <i>Journal of Statistical Software</i> , 2011, 44, .	1.8	72
8561	Temporal and Spatial Independent Component Analysis for fMRI Data Sets Embedded in the AnalyzeFMRI Package. <i>Journal of Statistical Software</i> , 2011, 44, .	1.8	38
8562	Statistical Parametric Maps for Functional MRI Experiments in R: The Package fmri. <i>Journal of Statistical Software</i> , 2011, 44, .	1.8	22
8563	POBE: A Computer Program for Optimal Design of Multi-Subject Blocked fMRI Experiments. <i>Journal of Statistical Software</i> , 2014, 56, .	1.8	2
8564	The Upper Ascending Reticular Activating System between Intralaminar Thalamic Nuclei and Cerebral Cortex in the Human Brain. <i>The Journal of Korean Physical Therapy</i> , 2017, 29, 109-114.	0.1	9
8565	Six Months Guided Exercise Therapy Improves Motor Abilities and White Matter Connectivity in Children with Cerebral Palsy. <i>The Malaysian Journal of Medical Sciences</i> , 2020, 27, 90-100.	0.3	1
8566	Racial Differences in Gray Matter Integrity by Diffusion Tensor in Black and White Octogenarians. <i>Current Alzheimer Research</i> , 2015, 12, 648-654.	0.7	14
8567	The Neural Tract Between the Hypothalamus and Basal Forebrain in the Ascending Reticular Activating System: A Diffusion Tensor Tractography Study. <i>Current Medical Imaging</i> , 2019, 15, 369-372.	0.4	1
8568	Atlas-Guided Segmentation of Vervet Monkey Brain MRI. <i>Open Neuroimaging Journal</i> , 2011, 5, 186-197.	0.2	14
8569	Examining Microstructural White Matter in Active Duty Soldiers with a History of Mild Traumatic Brain Injury and Traumatic Stress. <i>Open Neuroimaging Journal</i> , 2017, 11, 46-57.	0.2	24
8570	Connectivity as a Predictor of Responsiveness to Transcranial Direct Current Stimulation in People with Stroke: Protocol for a Double-Blind Randomized Controlled Trial. <i>JMIR Research Protocols</i> , 2018, 7, e10848.	0.5	7

#	ARTICLE	IF	CITATIONS
8571	A Neuroimaging Web Services Interface as a Cyber Physical System for Medical Imaging and Data Management in Brain Research: Design Study. JMIR Medical Informatics, 2018, 6, e26.	1.3	8
8572	The Physiological Bases of Hidden Noise-Induced Hearing Loss: Protocol for a Functional Neuroimaging Study. JMIR Research Protocols, 2018, 7, e79.	0.5	8
8573	Automated Processing Pipeline for Texture Analysis of Childhood Brain Tumours based on Multimodal Magnetic Resonance Imaging. , 2013, , .		2
8574	Multi-Atlas Based Method in Brain MR Image Segmentation. Chinese Medical Sciences Journal, 2019, 34, 88.	0.2	10
8575	Effects of Uric Acid on the Alterations of White Matter Connectivity in Patients with Major Depression. Psychiatry Investigation, 2018, 15, 593-601.	0.7	5
8576	Kranion, an open-source environment for planning transcranial focused ultrasound surgery: technical note. Journal of Neurosurgery, 2020, 132, 1249-1255.	0.9	19
8577	Characterizing tumor invasiveness of glioblastoma using multiparametric magnetic resonance imaging. Journal of Neurosurgery, 2020, 132, 1465-1472.	0.9	39
8578	Temporal disconnection between pain relief and trigeminal nerve microstructural changes after Gamma Knife radiosurgery for trigeminal neuralgia. Journal of Neurosurgery, 2020, 133, 727-735.	0.9	12
8579	Altered integrity of corpus callosum in generalized epilepsy in relation to seizure lateralization after corpus callosotomy. Neurosurgical Focus, 2020, 48, E15.	1.0	5
8580	Technical and radiographic considerations for magnetic resonance imaging-guided focused ultrasound capsulotomy. Journal of Neurosurgery, 2020, 135, 291-299.	0.9	8
8582	Improved Glioma Grading Using Deep Convolutional Neural Networks. American Journal of Neuroradiology, 2021, 42, 233-239.	1.2	29
8583	Cerebral perfusion in chronic stroke: implications for lesion-symptom mapping and functional MRI. Behavioural Neurology, 2011, 24, 117-22.	1.1	39
8584	Impacts of normal aging on different working memory tasks: implications from an fMRI study. Behavioural Neurology, 2013, 27, 235-44.	1.1	4
8585	Age-related frontal hyperactivation observed across different working memory tasks: an fMRI study. Behavioural Neurology, 2012, 25, 351-61.	1.1	12
8586	Tract-Based Spatial Statistics Reveal Lower White Matter Integrity Specific to Idiopathic Rapid Eye Movement Sleep Behavior Disorder as a Proxy for Prodromal Parkinson's Disease. Journal of Parkinson's Disease, 2019, 9, 723-731.	1.5	9
8587	Non-local DWI Image Super-resolution with Joint Information Based on GPU Implementation. Computers, Materials and Continua, 2019, 61, 1205-1215.	1.5	4
8588	Coordinate-Based Meta-Analysis of fMRI Studies with R. R Journal, 2014, 6, 5.	0.7	8
8589	Amiloride, fluoxetine or riluzole to reduce brain volume loss in secondary progressive multiple sclerosis: the MS-SMART four-arm RCT. Efficacy and Mechanism Evaluation, 2020, 7, 1-72.	0.9	11

#	ARTICLE	IF	CITATIONS
8590	Preoperative Identification of Facial Nerve in Vestibular Schwannomas Surgery Using Diffusion Tensor Tractography. <i>Journal of Korean Neurosurgical Society</i> , 2014, 56, 11.	0.5	20
8591	Functional MRI Study of Gender Effects in Brain Activations During Verbal Working Memory Task. <i>Physiological Research</i> , 2018, 67, 825-829.	0.4	3
8592	Pathomechanisms of HIV-Associated Cerebral Small Vessel Disease: A Comprehensive Clinical and Neuroimaging Protocol and Analysis Pipeline. <i>Frontiers in Neurology</i> , 2020, 11, 595463.	1.1	6
8593	Diagnosis of the Trigeminal Nerve Injury in a Patient with Pontine Hemorrhage. <i>Diagnostics</i> , 2020, 10, 74.	1.3	1
8594	Cerebral magnetic resonance imaging in quiescent Crohn's disease patients with fatigue. <i>World Journal of Gastroenterology</i> , 2017, 23, 1018.	1.4	12
8595	Volitional down-regulation of the primary auditory cortex via directed attention mediated by real-time fMRI neurofeedback. <i>AIMS Neuroscience</i> , 2018, 5, 179-199.	1.0	3
8596	The usefulness of diffusion tensor imaging in detection of diffuse axonal injury in a patient with head trauma. <i>Neural Regeneration Research</i> , 2012, 7, 475-8.	1.6	8
8597	Differences in brain structure in patients with distinct sites of chronic pain: A voxel-based morphometric analysis. <i>Neural Regeneration Research</i> , 2013, 8, 2981-90.	1.6	32
8598	Quantitative volumetric analysis of the optic radiation in the normal human brain using diffusion tensor magnetic resonance imaging-based tractography. <i>Neural Regeneration Research</i> , 2014, 9, 280.	1.6	3
8599	Age-related changes of lateral ventricular width and periventricular white matter in the human brain: a diffusion tensor imaging study. <i>Neural Regeneration Research</i> , 2014, 9, 986.	1.6	13
8600	Developmental process of the arcuate fasciculus from infancy to adolescence: a diffusion tensor imaging study. <i>Neural Regeneration Research</i> , 2016, 11, 937.	1.6	16
8601	Delayed degeneration of an injured spinothalamic tract in a patient with diffuse axonal injury. <i>Neural Regeneration Research</i> , 2017, 12, 1927.	1.6	1
8602	Quantification of intermuscular and intramuscular adipose tissue using magnetic resonance imaging after neurodegenerative disorders. <i>Neural Regeneration Research</i> , 2017, 12, 2100.	1.6	38
8603	Optic radiation injury in patients with aneurismal subarachnoid hemorrhage: A preliminary diffusion tensor imaging report. <i>Neural Regeneration Research</i> , 2018, 13, 563.	1.6	9
8604	Structural neural connectivity of the vestibular nuclei in the human brain: a diffusion tensor imaging study. <i>Neural Regeneration Research</i> , 2018, 13, 727.	1.6	8
8605	Neuroimaging characterization of recovery of impaired consciousness in patients with disorders of consciousness. <i>Neural Regeneration Research</i> , 2019, 14, 1202.	1.6	12
8606	Improvement of ataxia in a patient with cerebellar infarction by recovery of injured cortico-ponto-cerebellar tract and dentato-rubro-thalamic tract: a diffusion tensor tractography study. <i>Neural Regeneration Research</i> , 2019, 14, 1470.	1.6	1
8607	A Hybrid hierarchical approach for brain tissue segmentation by combining brain Atlas and least square support vector machine. <i>Journal of Medical Signals and Sensors</i> , 2013, 3, 232.	0.5	6

#	ARTICLE	IF	CITATIONS
8608	Structural and Functional Evaluation of Glaucomatous Neurodegeneration from Eye to Visual Cortex using 1.5T MR Imaging: A Pilot Study. <i>Journal of Clinical & Experimental Ophthalmology</i> , 2014, 05, .	0.1	2
8609	Analysis of fMRI Single Subject Data in the Fourier Domain Acquired Using a Multiple Input Stimulus Experimental Design. <i>Journal of Signal and Information Processing</i> , 2012, 03, 469-480.	0.8	1
8610	Automated Classification to Predict the Progression of Alzheimer's Disease Using Whole-Brain Volumetry and DTI. <i>Psychiatry Investigation</i> , 2015, 12, 92.	0.7	24
8611	Regularized estimation of hemodynamic response function for fMRI data. <i>Statistics and Its Interface</i> , 2010, 3, 15-31.	0.2	1
8612	Adaptive statistical parametric mapping for fMRI. <i>Statistics and Its Interface</i> , 2010, 3, 33-43.	0.2	1
8613	BRAIN AND LESION VOLLUMES CORRELATE WITH EDSS IN RELAPSING-REMITTING MULTIPLE SCLEROSIS. <i>Journal of IMAB</i> , 2015, 21, 1015-1018.	0.1	3
8614	An fMRI study on the processing of long-distance wh-movement in a second language. <i>Glossa</i> , 2017, 2, .	0.2	24
8615	Medial Lemniscus Tract Lesion After High Voltage Electrical Injury: A Case Report. <i>Annals of Rehabilitation Medicine</i> , 2017, 41, 318.	0.6	4
8616	Spatial distribution of white matter degenerative lesions and cognitive dysfunction in relapsing-remitting multiple sclerosis patients. <i>Neurologia I Neurochirurgia Polska</i> , 2019, 53, 18-25.	0.6	5
8617	Pinpointing regional surface distortions of the amygdala in patients with spider phobia. <i>Journal of Psychiatry and Brain Functions</i> , 2014, 1, 2.	0.2	1
8618	Study of multiscale entropy model to evaluate the cognitive behavior of healthy elderly people based on resting state functional magnetic resonance imaging. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2020, 69, 108703.	0.2	1
8619	Local GABA concentration is related to network-level resting functional connectivity. <i>ELife</i> , 2014, 3, e01465.	2.8	157
8620	Revealing the neural fingerprints of a missing hand. <i>ELife</i> , 2016, 5, .	2.8	107
8621	Excitation and inhibition in anterior cingulate predict use of past experiences. <i>ELife</i> , 2017, 6, .	2.8	34
8622	Bottom-up and top-down computations in word- and face-selective cortex. <i>ELife</i> , 2017, 6, .	2.8	118
8623	Localization of spontaneous bursting neuronal activity in the preterm human brain with simultaneous EEG-fMRI. <i>ELife</i> , 2017, 6, .	2.8	68
8624	GABA, not BOLD, reveals dissociable learning-dependent plasticity mechanisms in the human brain. <i>ELife</i> , 2018, 7, .	2.8	40
8625	Obtaining and maintaining cortical hand representation as evidenced from acquired and congenital handlessness. <i>ELife</i> , 2019, 8, .	2.8	53

#	ARTICLE	IF	CITATIONS
8626	Stimulus vignetting and orientation selectivity in human visual cortex. ELife, 2018, 7, .	2.8	35
8627	Current and future goals are represented in opposite patterns in object-selective cortex. ELife, 2018, 7, .	2.8	59
8628	Bayesian analysis of retinotopic maps. ELife, 2018, 7, .	2.8	102
8629	Preserved extrastriate visual network in a monkey with substantial, naturally occurring damage to primary visual cortex. ELife, 2019, 8, .	2.8	19
8630	Modulation of tonotopic ventral medial geniculate body is behaviorally relevant for speech recognition. ELife, 2019, 8, .	2.8	25
8631	The hippocampus supports deliberation during value-based decisions. ELife, 2019, 8, .	2.8	82
8632	Dichotomous organization of amygdala/temporal-prefrontal bundles in both humans and monkeys. ELife, 2019, 8, .	2.8	66
8633	Characterizing functional pathways of the human olfactory system. ELife, 2019, 8, .	2.8	117
8634	Statistical learning attenuates visual activity only for attended stimuli. ELife, 2019, 8, .	2.8	55
8635	Noninvasive quantification of axon radii using diffusion MRI. ELife, 2020, 9, .	2.8	137
8636	Feedback contribution to surface motion perception in the human early visual cortex. ELife, 2020, 9, .	2.8	7
8637	Optimization of energy state transition trajectory supports the development of executive function during youth. ELife, 2020, 9, .	2.8	47
8638	Cross-species cortical alignment identifies different types of anatomical reorganization in the primate temporal lobe. ELife, 2020, 9, .	2.8	71
8639	Hippocampal and cortical mechanisms at retrieval explain variability in episodic remembering in older adults. ELife, 2020, 9, .	2.8	38
8640	Improving a probabilistic cytoarchitectonic atlas of auditory cortex using a novel method for inter-individual alignment. ELife, 2020, 9, .	2.8	15
8641	Retrieval practice facilitates memory updating by enhancing and differentiating medial prefrontal cortex representations. ELife, 2020, 9, .	2.8	18
8642	Neural encoding of task-dependent errors during adaptive learning. ELife, 2020, 9, .	2.8	5
8643	Computer code comprehension shares neural resources with formal logical inference in the fronto-parietal network. ELife, 2020, 9, .	2.8	24

#	ARTICLE	IF	CITATIONS
8644	Tracking prototype and exemplar representations in the brain across learning. <i>ELife</i> , 2020, 9, .	2.8	27
8645	Maternal cortisol is associated with neonatal amygdala microstructure and connectivity in a sexually dimorphic manner. <i>ELife</i> , 2020, 9, .	2.8	28
8646	Sensitivity to the visual field origin of natural image patches in human low-level visual cortex. <i>PeerJ</i> , 2015, 3, e1038.	0.9	9
8647	Multimodal Imaging Brain Connectivity Analysis (MIBCA) toolbox. <i>PeerJ</i> , 2015, 3, e1078.	0.9	11
8648	Genome-wide discovered psychosis-risk gene ZNF804A impacts on white matter microstructure in health, schizophrenia and bipolar disorder. <i>PeerJ</i> , 2016, 4, e1570.	0.9	25
8649	Short-term MRI measurements as predictors of EDSS progression in relapsing-remitting multiple sclerosis: grey matter atrophy but not lesions are predictive in a real-life setting. <i>PeerJ</i> , 2016, 4, e2442.	0.9	14
8650	Association between in-scanner head motion with cerebral white matter microstructure: a multiband diffusion-weighted MRI study. <i>PeerJ</i> , 2014, 2, e366.	0.9	15
8651	Alterations in fiber pathways reveal brain tumor typology: a diffusion tractography study. <i>PeerJ</i> , 2014, 2, e497.	0.9	19
8652	Assessing distinct patterns of cognitive aging using tissue-specific brain age prediction based on diffusion tensor imaging and brain morphometry. <i>PeerJ</i> , 2018, 6, e5908.	0.9	90
8653	The Role of Diffusion Tensor Imaging in Detecting Microstructural Changes in Prodromal Alzheimer's Disease. <i>CNS Neuroscience and Therapeutics</i> , 2014, 20, 3-9.	1.9	2
8654	Intergenerational neuroimaging study: motherâ€™s infant functional connectivity similarity and the role of infant and maternal factors. <i>Cerebral Cortex</i> , 2022, 32, 3175-3186.	1.6	3
8655	Striatal BOLD and midfrontal theta power express motivation for action. <i>Cerebral Cortex</i> , 2022, 32, 2924-2942.	1.6	10
8656	Multi-branch Multi-task 3D-CNN for Alzheimerâ€™s Disease Detection. <i>Lecture Notes in Computer Science</i> , 2021, , 618-629.	1.0	2
8657	ALL-Net: Anatomical information lesion-wise loss function integrated into neural network for multiple sclerosis lesion segmentation. <i>NeuroImage: Clinical</i> , 2021, 32, 102854.	1.4	14
8658	Atypical development of Brocaâ€™s area in a large family with inherited stuttering. <i>Brain</i> , 2022, 145, 1177-1188.	3.7	6
8659	Brain Tumor Segmentation Using Deep Neural Networks and Survival Prediction. <i>Transactions on Computational Science and Computational Intelligence</i> , 2021, , 89-99.	0.3	1
8660	Nigral diffusivity, but not free water, correlates with iron content in Parkinsonâ€™s disease. <i>Brain Communications</i> , 2021, 3, fcab251.	1.5	4
8662	Brain Structural and Functional Connectivity: A Review of Combined Works of Diffusion Magnetic Resonance Imaging and Electro-Encephalography. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 721206.	1.0	33

#	ARTICLE	IF	CITATIONS
8664	The Role of Neural Load Effects in Predicting Individual Differences in Working Memory Function. <i>NeuroImage</i> , 2021, 245, 118656.	2.1	3
8665	Endogenous dopamine release in the human brain as a pharmacodynamic biomarker: evaluation of the new GPR139 agonist TAK-041 with [11C]PHNO PET. <i>Neuropsychopharmacology</i> , 2022, 47, 1405-1412.	2.8	9
8667	An approach to evaluation of the pointâ€špread function for 23 Na magnetic resonance imaging. <i>NMR in Biomedicine</i> , 2021, , e4627.	1.6	1
8668	Diffusion Tensor Imaging Changes Do Not Affect Long-Term Neurodevelopment following Early Erythropoietin among Extremely Preterm Infants in the Preterm Erythropoietin Neuroprotection Trial. <i>Brain Sciences</i> , 2021, 11, 1360.	1.1	3
8669	Association of brain white matter microstructure with cognitive performance in major depressive disorder and healthy controls: a diffusion-tensor imaging study. <i>Molecular Psychiatry</i> , 2022, 27, 1103-1110.	4.1	9
8670	Magnetic resonance fingerprinting residual signals can disassociate human grey matter regions. <i>Brain Structure and Function</i> , 2022, 227, 313-329.	1.2	4
8671	Large-scale functional brain networks of maladaptive childhood aggression identified by connectome-based predictive modeling. <i>Molecular Psychiatry</i> , 2022, 27, 985-999.	4.1	13
8672	Differences in executive abilities rather than associative processes contribute to memory development. <i>Human Brain Mapping</i> , 2021, 42, 6000-6013.	1.9	4
8673	Association of Age at Onset With Gray Matter Volume and White Matter Microstructural Abnormalities in People With Multiple Sclerosis. <i>Neurology</i> , 2021, 97, e2007-e2019.	1.5	7
8675	Brain rhythms define distinct interaction networks with differential dependence on anatomy. <i>Neuron</i> , 2021, 109, 3862-3878.e5.	3.8	60
8677	Improving Dâ€šhydroxyglutarate MR spectroscopic imaging in mutant isocitrate dehydrogenase glioma patients with multiplexed RFâ€šreceive/B₀â€š shim array coils at 3â€šT. <i>NMR in Biomedicine</i> , 2022, 35, e4621.	1.6	2
8678	How do cannabis users mentally travel in time? Evidence from an fMRI study of episodic future thinking. <i>Psychopharmacology</i> , 2021, , 1.	1.5	1
8680	The frontoâ€šparietal network is not a flexible hub during naturalistic cognition. <i>Human Brain Mapping</i> , 2022, 43, 750-759.	1.9	8
8681	Relapse risk revealed by degree centrality and cluster analysis in heroin addicts undergoing methadone maintenance treatment. <i>Psychological Medicine</i> , 2023, 53, 2216-2228.	2.7	2
8682	Degenerative adversarial neuroimage nets for brain scan simulations: Application in ageing and dementia. <i>Medical Image Analysis</i> , 2022, 75, 102257.	7.0	13
8683	Brain Tumor Segmentation From Multi-Modal MR Images via Ensembling UNets. <i>Frontiers in Radiology</i> , 2021, 1, .	1.2	13
8684	Cardiometabolic risk factors associated with brain age and accelerated brain ageing. <i>Human Brain Mapping</i> , 2022, 43, 700-720.	1.9	42
8685	Exposure to 16â€šh of normobaric hypoxia induces ionic edema in the healthy brain. <i>Nature Communications</i> , 2021, 12, 5987.	5.8	7

#	ARTICLE	IF	CITATIONS
8686	Fiber-specific white matter analysis reflects upper motor neuron impairment in amyotrophic lateral sclerosis. <i>European Journal of Neurology</i> , 2022, 29, 432-440.	1.7	5
8688	Development of Thalamocortical Structural Connectivity in Typically Developing and Psychosis Spectrum Youths. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2022, 7, 782-792.	1.1	8
8689	Nitric Oxide Synthase Type 1 Methylation Is Associated With White Matter Microstructure in the Corpus Callosum and Greater Panic Disorder Severity Among Panic Disorder Patients. <i>Frontiers in Neurology</i> , 2021, 12, 755270.	1.1	0
8691	The association between pain-induced autonomic reactivity and descending pain control is mediated by the periaqueductal grey. <i>Journal of Physiology</i> , 2021, 599, 5243-5260.	1.3	12
8692	Divergent connectomic organization delineates genetic evolutionary traits in the human brain. <i>Scientific Reports</i> , 2021, 11, 19692.	1.6	4
8693	Reduced Fusiform Gyrus Activation During Face Processing in Pediatric Brain Tumor Survivors. <i>Journal of the International Neuropsychological Society</i> , 2022, 28, 937-946.	1.2	2
8694	Focal white matter microstructural alteration after anthracycline-based systemic treatment in long-term breast cancer survivors: a structural magnetic resonance imaging study. <i>Brain Imaging and Behavior</i> , 2021, , 1.	1.1	1
8697	Diffusion tensor imaging for the study of early renal dysfunction in patients affected by bardet-biedl syndrome. <i>Scientific Reports</i> , 2021, 11, 20855.	1.6	1
8699	fMRI neurofeedback in the motor system elicits bidirectional changes in activity and in white matter structure in the adult human brain. <i>Cell Reports</i> , 2021, 37, 109890.	2.9	10
8700	Reassessing associations between white matter and behaviour with multimodal microstructural imaging. <i>Cortex</i> , 2021, 145, 187-200.	1.1	10
8701	Long-term dynamics of multiple sclerosis iron rim lesions. <i>Multiple Sclerosis and Related Disorders</i> , 2022, 57, 103340.	0.9	24
8702	Activation for newly learned words in left medial-temporal lobe during toddlers' sleep is associated with memory for words. <i>Current Biology</i> , 2021, 31, 5429-5438.e5.	1.8	1
8703	No structural brain alterations in new daily persistent headache – a cross sectional VBM/SBM study. <i>Cephalalgia</i> , 2022, 42, 335-344.	1.8	11
8705	Validation of Diffusion Kurtosis as an Early-Stage Biomarker of Parkinson's in Animal Models. <i>Neuroinformatics</i> , 2022, , 429-455.	0.2	0
8706	Language function following preterm birth: prediction using machine learning. <i>Pediatric Research</i> , 2022, 92, 480-489.	1.1	11
8708	Differential effects of long-term aerobic versus cognitively-engaging physical activity on children's visuospatial working memory related brain activation: A cluster RCT. <i>Brain and Cognition</i> , 2021, 155, 105812.	0.8	4
8709	Identification of community structure-based brain states and transitions using functional MRI. <i>NeuroImage</i> , 2021, 244, 118635.	2.1	4
8710	Brain responses to anticipatory cues and milkshake taste in obesity, and their relationship to bariatric surgery outcome. <i>NeuroImage</i> , 2021, 245, 118623.	2.1	2

#	ARTICLE	IF	CITATIONS
8711	Simultaneous pure T2 and varying T2-weighted BOLD fMRI using Echo Planar Time-resolved Imaging for mapping cortical-depth dependent responses. <i>NeuroImage</i> , 2021, 245, 118641.	2.1	9
8712	Association between frontal cortico-limbic white-matter microstructure and risk for pediatric depression. <i>Psychiatry Research - Neuroimaging</i> , 2021, 318, 111396.	0.9	7
8714	Segmentation and Classification. , 2007, , 39-60.		1
8715	The Most Serious Moment of Our Lives. <i>British Journal of Psychiatry</i> , 2008, 193, 221-221.	1.7	0
8716	Iterative Co-linearity Filtering and Parameterization of Fiber Tracts in the Entire Cingulum. <i>Lecture Notes in Computer Science</i> , 2009, 12, 853-860.	1.0	3
8718	Automated Detection of Dementia Symptoms in MR Brain Images. <i>Lecture Notes in Computer Science</i> , 2010, , 627-634.	1.0	0
8719	Joint Generative Model for fMRI/DWI and Its Application to Population Studies. <i>Lecture Notes in Computer Science</i> , 2010, 13, 191-199.	1.0	9
8720	Surface-Based Imaging Methods for High-Resolution Functional Magnetic Resonance Imaging. <i>Lecture Notes in Computer Science</i> , 2010, , 130-140.	1.0	0
8721	Semiautomatic Segmentation of the Medial Temporal Lobe Anatomical Structures. <i>Lecture Notes in Computer Science</i> , 2011, , 33-40.	1.0	1
8722	Applications of MRI to Psychopharmacology. , 2011, , 671-686.		0
8723	arf3DS4: An Integrated Framework for Localization and Connectivity Analysis of fMRI Data. <i>Journal of Statistical Software</i> , 2011, 44, .	1.8	4
8724	Tract-Based Spatial Statistics of the Corpus Callosum using Different Tensor-Derived Indices. <i>Informatik Aktuell</i> , 2011, , 244-248.	0.4	0
8725	Unsupervised Segmentation of Brain Tissues using Multiphase Level Sets on Multiple MRI Sequences. , 2011, , .		0
8726	A Comparison Study on Human Brain Volume of White Matter, Gray Matter and Hippocampus Depending on Magnetic Resonance Imaging Conditions and Applied Brain Template. <i>Journal of the Korean Society of Magnetic Resonance in Medicine</i> , 2011, 15, 242.	0.1	3
8727	The Neural Mechanism of Cognitive Control as a Function of Individual Differences in Fluid Intelligence. <i>Korean Journal of Cognitive and Biological Psychology</i> , 2011, 23, 431-463.	0.0	0
8730	Developing an MRI-Based Biomarker for Early Diagnosis of Parkinson's Disease. , 0, , .		1
8731	Voxel-based Neuroimaging Analysis. <i>Journal of the Nihon University Medical Association</i> , 2012, 71, 68-72.	0.0	0
8732	From Brain Connectivity Models to Identifying Foci of a Neurological Disorder. <i>Lecture Notes in Computer Science</i> , 2012, 15, 715-722.	1.0	8

#	ARTICLE	IF	CITATIONS
8733	RAFNI: Robust Analysis of Functional NeuroImages with Non- $\hat{\epsilon}$ -normal $\hat{\epsilon}$ -Stable Error. Lecture Notes in Computer Science, 2012, , 624-631.	1.0	0
8734	Relating Brain Functional Connectivity to Anatomical Connections: Model Selection. Lecture Notes in Computer Science, 2012, , 178-185.	1.0	4
8736	Fiber Connectivity Integrated Brain Activation Detection. Lecture Notes in Computer Science, 2013, 23, 135-146.	1.0	2
8737	Detecting Epileptic Regions Based on Global Brain Connectivity Patterns. Lecture Notes in Computer Science, 2013, 16, 98-105.	1.0	1
8738	Patient-Specific Biomechanical Modeling of Ventricular Enlargement in Hydrocephalus from Longitudinal Magnetic Resonance Imaging. Lecture Notes in Computer Science, 2013, 16, 291-298.	1.0	1
8739	Diagnosis of Bipolar Disorder Based on Principal Component Analysis and SVM. Advances in Intelligent Systems and Computing, 2013, , 569-578.	0.5	0
8740	Diffusion Magnetic Resonance Imaging and Its Applications in Movement Disorders. , 2013, , 49-58.		0
8741	A Generative Model for OCT Retinal Layer Segmentation by Integrating Graph-Based Multi-surface Searching and Image Registration. Lecture Notes in Computer Science, 2013, 16, 428-435.	1.0	10
8742	A CASE STUDY OF BRAIN VOLUME REDUCTION IN MULTIPLE SCLEROSIS. Journal of IMAB, 2013, 19, 438-441.	0.1	1
8743	Medical Image Computing for Oncology: Review and Clinical Examples. , 2014, , 97-124.		0
8744	Deformable Registration for IGT. , 2014, , 211-223.		1
8746	Analysis of resting state and task-related fMRI data in small cell lung cancer patients before undertaking PCI. , 2014, , .		0
8747	'Mind Reading': Hitting Cognition by Using ANNs to Analyze fMRI Data in a Paradigm Exempted from Motor Responses. , 2014, , .		4
8748	Non-Conventional MRI Techniques as an Alternative Role to the Clinical Diagnosis in Alzheimer's Disease. Health, 2014, 06, 2712-2723.	0.1	0
8749	NEURAL CONNECTIVITY OF THE AMYGDALA IN THE HUMAN BRAIN: A DIFFUSION TENSOR IMAGING STUDY. Neural Network World, 2014, 24, 591-600.	0.5	1
8750	Combined Acquisition Technique (CAT) for Neuroimaging of Multiple Sclerosis at Low Specific Absorption Rates (SAR). PLoS ONE, 2014, 9, e91030.	1.1	2
8752	Applications of MRI to Psychopharmacology. , 2015, , 505-524.		0
8753	Voxel Based Analysis of Diffusion Indices in Patients with Primary Open-Angle Glaucoma Using Tract-Based Spatial Statistics. Journal of Clinical & Experimental Ophthalmology, 2015, 06, .	0.1	1

#	ARTICLE	IF	CITATIONS
8754	Fast Brain MRI Registration with Automatic Landmark Detection Using a Single Template Image. Lecture Notes in Computer Science, 2015, , 390-399.	1.0	1
8755	Predicting Standard-Dose PET Image from Low-Dose PET and Multimodal MR Images Using Mapping-Based Sparse Representation. Lecture Notes in Computer Science, 2015, , 127-135.	1.0	1
8756	An In Vivo Study on Brain Microstructure in Biological and Chronological Ageing. PLoS ONE, 2015, 10, e0120778.	1.1	1
8757	Decoding Multiple Subject fMRI Data using Manifold based Representation of Cognitive State Neural Signatures. International Journal of Computer Applications, 2015, 115, 1-7.	0.2	0
8758	Oculomotor Neurocircuitry, a Structural Connectivity Study of Infantile Nystagmus Syndrome. PLoS ONE, 2015, 10, e0125380.	1.1	1
8760	A Framework for the Automation of Multimodalbrain Connectivity Analyses. Studies in Computational Intelligence, 2016, , 365-373.	0.7	0
8761	Manual adjustment of brain extraction parameters in a volumetric study. Scripta Scientifica Medica, 2015, 47, 54.	0.1	1
8764	Canonical Correlation Analysis on SPD(n) Manifolds. , 2016, , 69-100.		2
8765	Frequency- and Distance-Dependent Relation Between Event-Related EEG Activity and BOLD Responses in an Auditory Stroop Paradigm. Advances in Cognitive Neurodynamics, 2016, , 579-593.	0.1	0
8767	Global fractional anisotropy and mean diffusivity together with segmented brain volumes assemble a predictive discriminant model for young and elderly healthy brains: a pilot study at 3T. Functional Neurology, 2016, 31, 39-46.	1.3	9
8770	ROI Study for Diffusion Tensor Image with Partial Volume Effect. Journal of Biomedical Engineering Research, 2016, 37, 84-89.	0.1	0
8774	Neural Correlates of Visual Confrontation Naming in Persian-Speaking Individuals: An fMRI Study. Iranian Journal of Radiology, 2016, Inpress, .	0.1	1
8783	Noninvasive Imaging Technologies in Primates. Neuromethods, 2017, , 441-470.	0.2	2
8784	Template-Free Estimation of Intracranial Volume: A Preterm Birth Animal Model Study. Lecture Notes in Computer Science, 2017, , 3-13.	1.0	0
8785	Multi-scale Networks for Segmentation of Brain Magnetic Resonance Images. Lecture Notes in Computer Science, 2017, , 312-320.	1.0	1
8787	HFPRM: Hierarchical Functional Principal Regression Model for Diffusion Tensor Image Bundle Statistics. Lecture Notes in Computer Science, 2017, 10265, 478-489.	1.0	1
8789	Segmentation and Classification. , 2017, , 1-2.		0
8790	Meynertâ€™s Nucleus Complex White Matter Abnormalities in Autism Spectrum Disorders: An MRI Study. Journal of Intellectual Disability - Diagnosis and Treatment, 2017, 4, 185-190.	0.1	0

#	ARTICLE	IF	CITATIONS
8794	COMPUTING THE EFFICIENCY OF IMAGE SEGMENTATION TECHNIQUES IN FMRI ANALYSIS. International Journal of Research -GRANTHAALAYAH, 2017, 5, 223-237.	0.1	0
8808	Uncoupling protein 2 haplotype does not affect human brain structure and function in a sample of community-dwelling older adults. PLoS ONE, 2017, 12, e0181392.	1.1	4
8825	Elastic Registration of Single Subject Task Based fMRI Signals. Lecture Notes in Computer Science, 2018, 11072, 154-162.	1.0	2
8826	Segmentation and Classification. , 2018, , 3104-3105.		0
8828	Human Head Modelling Simulation Applied to Electroconvulsive Therapy. , 2018, , 103-133.		0
8829	Tract-Based Spatial Statistics (TBSS). , 2018, , 3488-3489.		0
8830	Multicenter Studies of Brain Morphometry. Neuromethods, 2018, , 203-214.	0.2	0
8831	Spatial and Temporal Organization of the Individual Human Cerebellum. SSRN Electronic Journal, 0, , .	0.4	2
8833	Association with Uncertainty Monitoring, Not Value Comparison in Ventromedial Prefrontal Cortex during ValueBased Decisions. SSRN Electronic Journal, 0, , .	0.4	0
8836	The Identification of Default Mode Network in Rhesus Macaque Using Resting-State fMRI. , 2018, , .		0
8839	Quantifying the association between white matter integrity changes and subconcussive head impact exposure from a single season of youth and high school football using 3D convolutional neural networks. , 2018, 10575, .		5
8845	Investigating directed functional connectivity between the resting state networks of the human brain using mutual connectivity analysis. , 2018, , .		0
8846	An investigation into how the radiotherapy dose response of normal appearing brain tissue in glioma patients influences ADC measurements. , 2018, , .		0
8882	Apparent Diffusion Coefficient (ADC) and First-Order Histogram Statistics in Differentiating Malignant Vs. Benign Meningioma in Adults. Iranian Journal of Radiology, 2018, In Press, .	0.1	1
8884	Active Acquisition for multimodal neuroimaging. Wellcome Open Research, 2018, 3, 145.	0.9	2
8888	Treatment related DTI changes in the posterior thalamic radiation in survivors of childhood posterior fossa tumors. , 2018, , .		0
8889	SIMULTANEOUS EEG-FMRI FOR PREOPERATIVE EVALUATION IN PATIENTS HARBORING PHARMACORESISTANT EPILEPSY. METHODOLOGY AND CLINICAL EXPERIENCE. Diagnostic Radiology and Radiotherapy, 2019, , 31-38.	0.0	0
8890	The Role of Mindfulness in Neurorehabilitation: From the Monastery to the Clinic. , 2019, , 749-788.		3

#	ARTICLE	IF	CITATIONS
8892	Predicting Fluid Intelligence Using Anatomical Measures Within Functionally Defined Brain Networks. Lecture Notes in Computer Science, 2019, , 143-149.	1.0	1
8893	Automated Quantification of Enlarged Perivascular Spaces in Clinical Brain MRI Across Sites. Lecture Notes in Computer Science, 2019, , 103-111.	1.0	1
8894	Patient-Tailored, Connectivity-Based Forecasts of Spreading Brain Atrophy. SSRN Electronic Journal, 0, , .	0.4	1
8895	Locally Linear Embedding of Anatomical Connectivity for Classification. , 2019, , 103-122.		0
8896	Post-Operative Electrode Placement Prediction in Deep Brain Stimulation Using Support Vector Regression. , 2019, , .		1
8906	A comprehensive model-assisted brain shift correction approach in image-guided neurosurgery: a case study in brain swelling and subsequent sag after craniotomy. , 2019, , .		4
8907	Consideration of cerebrospinal fluid intensity variation in diffusion weighted MRI. , 2019, 10948, .		0
8942	Active Acquisition for multimodal neuroimaging. Wellcome Open Research, 2018, 3, 145.	0.9	4
8964	Difference in Injury of the Corticospinal Tract and Spinothalamic Tract in Patients with Putaminal Hemorrhage. The Journal of Korean Physical Therapy, 2019, 31, 358-362.	0.1	0
8967	Multi-modal Image Prediction via Spatial Hybrid U-Net. Lecture Notes in Computer Science, 2020, , 1-9.	1.0	0
8970	Grant Report on the Effects of Childhood Maltreatment on Neurocircuitry in Adolescent Depression. Journal of Psychiatry and Brain Science, 2020, 5, .	0.3	1
8971	Radial Diffusivity is the Best Global Biomarker Able to Discriminate Healthy Elders, Mild Cognitive Impairment, and Alzheimer's Disease: A Diagnostic Study of DTI-Derived Data. Neurology India, 2020, 68, 427.	0.2	5
8977	Additive Burden of Abnormal Diffusivity in the Brain with Schizophrenia: A Diffusion Tensor Imaging Study with Public Neuroimaging Data. Psychiatry Investigation, 2020, 17, 341-349.	0.7	1
8987	Longitudinal Disconnection Tractograms to Investigate the Functional Consequences of White Matter Damage: An Automated Pipeline. Journal of Neuroimaging, 2020, 30, 443-457.	1.0	1
9004	Reorganized Brain White Matter in Early- and Late-Onset Deafness With Diffusion Tensor Imaging. Ear and Hearing, 2021, 42, 223-234.	1.0	5
9016	Injury of the optic radiation in patients with mild TBI: A DTT study. Translational Neuroscience, 2020, 11, 335-340.	0.7	3
9017	Same Brain, Different Look?â€”The Impact of Scanner, Sequence and Preprocessing on Diffusion Imaging Outcome Parameters. Journal of Clinical Medicine, 2021, 10, 4987.	1.0	14
9018	Information processing speed as a prognostic marker of physical impairment and progression in patients with multiple sclerosis. Multiple Sclerosis and Related Disorders, 2022, 57, 103353.	0.9	9

#	ARTICLE	IF	CITATIONS
9019	Dynamics and Predictors of Cognitive Impairment along the Disease Course in Multiple Sclerosis. <i>Journal of Personalized Medicine</i> , 2021, 11, 1107.	1.1	8
9021	Feasibility of spiral fMRI based on an LTI gradient model. <i>NeuroImage</i> , 2021, 245, 118674.	2.1	5
9023	Functional network dynamics and decreased conscientiousness in multiple sclerosis. <i>Journal of Neurology</i> , 2022, 269, 2696-2706.	1.8	9
9024	Neurofunctional Segmentation Shifts in the Hippocampus. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 729836.	1.0	1
9025	Fully automated quality control of rigid and affine registrations of T1w and T2w MRI in big data using machine learning. <i>Computers in Biology and Medicine</i> , 2021, 139, 104997.	3.9	4
9026	Bilingualism contributes to reserve and working memory efficiency: Evidence from structural and functional neuroimaging. <i>Neuropsychologia</i> , 2021, 163, 108071.	0.7	13
9030	The Role of Social Reward and Corticostriatal Connectivity in Substance Use. <i>Journal of Psychiatry and Brain Science</i> , 2020, 5, .	0.3	6
9031	Differences in the major fiber-tracts of people with congenital and acquired blindness. <i>IS&T International Symposium on Electronic Imaging</i> , 2020, 32, 366-1-366-7.	0.3	0
9034	Identifiable Patterns of Trait, State, and Experience in Chronic Stroke Recovery. <i>Neurorehabilitation and Neural Repair</i> , 2021, 35, 158-168.	1.4	0
9039	Altered white matter microstructure is related to cognition in adults with congenital heart disease. <i>Brain Communications</i> , 2021, 3, fcaa224.	1.5	24
9040	The Nigrostriatal Tract between the Substantia Nigra and Striatum in the Human Brain: A Diffusion Tensor Tractography Study. <i>The Journal of Korean Physical Therapy</i> , 2020, 32, 388-390.	0.1	3
9045	Injury of Corticostriatal Tract between the Striatum and the Premotor Area in a Patient with Traumatic Brain Injury. <i>The Journal of Korean Physical Therapy</i> , 2020, 32, 391-393.	0.1	0
9046	A 3D-CNN Classifier for Gender Discrimination from Diffusion Tensor Imaging of Human Brain. , 2020, , .		0
9049	Uncontrolled eating in healthy women has limited influence on food cue reactivity and food-related inhibitory control. <i>Appetite</i> , 2022, 168, 105767.	1.8	2
9051	Identification of Asperger's from healthy individuals: Using a graph theoretical approach on the task-free fMRI data. <i>Advances in Cognitive Science</i> , 2019, 21, 74-83.	0.1	0
9055	Intrinsic Connectivity Changes Mediate the Beneficial Effect of Cardiovascular Exercise on Sustained Visual Attention. <i>Cerebral Cortex Communications</i> , 2020, 1, tgaa075.	0.7	2
9058	Frontostriatal Structural Connectivity and Striatal Glutamatergic Levels in Treatment-Resistant Schizophrenia: An Integrative Analysis of DTI and 1H-MRS. <i>Schizophrenia Bulletin Open</i> , 2020, 1, .	0.9	5
9061	Anatomical connectivity changes can differentiate patients with unipolar depression and bipolar disorders. <i>Psychiatry and Behavioral Sciences</i> , 2020, 10, 72.	0.1	1

#	ARTICLE	IF	CITATIONS
9063	Fast Correction of Eddy-Current and Susceptibility-Induced Distortions Using Rotation-Invariant Contrasts. <i>Lecture Notes in Computer Science</i> , 2020, 12262, 34-43.	1.0	0
9064	Optimization of Multi-Atlas Segmentation with Joint Label Fusion Algorithm for Automatic Segmentation in Prostate MR Imaging. <i>Investigative Magnetic Resonance Imaging</i> , 2020, 24, 123.	0.2	0
9065	Structural Connectivity Enriched Functional Brain Network Using Simplex Regression with GraphNet. <i>Lecture Notes in Computer Science</i> , 2020, 12436, 292-302.	1.0	2
9084	Connectivity-Based Topographical Changes of the Corpus Callosum During Aging. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 753236.	1.7	4
9085	Integrated structural and functional atlases of Asian children from infancy to childhood. <i>NeuroImage</i> , 2021, 245, 118716.	2.1	8
9086	Cingulate circuits are associated with escalation of heroin use and naloxone-induced increases in heroin self-administration. <i>Addiction Neuroscience</i> , 2022, 1, 100002.	0.4	1
9087	Brain-behavior investigation of potential cognitive markers of Alzheimer's disease in middle age: a multi-modal imaging study. <i>Brain Imaging and Behavior</i> , 2021, , 1.	1.1	2
9088	Structural connectome differences in pediatric mild traumatic brain and orthopedic injury. <i>Human Brain Mapping</i> , 2022, 43, 1032-1046.	1.9	13
9089	Exploring the course of adolescent anxiety and depression: associations with white matter tract microstructure. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2022, 272, 849-858.	1.8	4
9090	Prospective Quantitative Neuroimaging Analysis of Putative Temporal Lobe Epilepsy. <i>Frontiers in Neurology</i> , 2021, 12, 747580.	1.1	3
9091	Pubertal timing and functional neurodevelopmental alterations independently mediate the effect of family conflict on adolescent psychopathology. <i>Developmental Cognitive Neuroscience</i> , 2021, 52, 101032.	1.9	10
9093	Frequency modulation of entorhinal cortex neuronal activity drives distinct frequency-dependent states of brain-wide dynamics. <i>Cell Reports</i> , 2021, 37, 109954.	2.9	10
9094	The Correlation of Reduced Fractional Anisotropy in the Cingulum With Suicide Risk in Bipolar Disorder. <i>Frontiers in Psychiatry</i> , 2021, 12, 707622.	1.3	2
9095	Associations Between Injury of the Parieto-Insular Vestibular Cortex and Changes in Motor Function According to the Recovery Process: Use of Diffusion Tensor Imaging. <i>Frontiers in Neurology</i> , 2021, 12, 740711.	1.1	1
9096	A cascaded nested network for 3T brain MR image segmentation guided by 7T labeling. <i>Pattern Recognition</i> , 2022, 124, 108420.	5.1	7
9099	Test-retest reproducibility of in vivo oscillating gradient and microscopic anisotropy diffusion MRI in mice at 9.4 Tesla. <i>PLoS ONE</i> , 2021, 16, e0255711.	1.1	5
9100	Brain correlates of depression, post-traumatic distress, and inflammatory biomarkers in COVID-19 survivors: A multimodal magnetic resonance imaging study. <i>Brain, Behavior, & Immunity - Health</i> , 2021, 18, 100387.	1.3	57
9107	Using Neuroimaging to Resolve the Psi Debate. <i>Journal of Cognitive Neuroscience</i> , 2008, 20, 182-192.	1.1	10

#	ARTICLE	IF	CITATIONS
9116	Localization of epileptic seizure focus by computerized analysis of fMRI recordings. <i>Brain Informatics</i> , 2020, 7, 13.	1.8	6
9120	A bilateral-driven multi-centers clustering method for brain MRI segmentation. , 2020, , .		0
9129	Brain imaging factors associated with progression of subcortical hyperintensities in CADASIL over 2â€¥year followâ€¥up. <i>European Journal of Neurology</i> , 2021, 28, 220-228.	1.7	5
9130	Feasibility of Auricular Field Stimulation in Fibromyalgia: Evaluation by Functional Magnetic Resonance Imaging, Randomized Trial. <i>Pain Medicine</i> , 2021, 22, 715-726.	0.9	7
9146	Diffusion tensor-based fiber tracking of the male urethral sphincter complex in patients undergoing radical prostatectomy: a feasibility study. <i>Insights Into Imaging</i> , 2020, 11, 126.	1.6	0
9147	Atlas Optimization for Deep Brain Stimulation. <i>IFMBE Proceedings</i> , 2021, , 130-142.	0.2	0
9148	Early childhood bilingualism: effects on brain structure and function. <i>F1000Research</i> , 0, 9, 370.	0.8	0
9151	Myelination of Callosal Axons Is Hampered by Early and Late Forelimb Amputation in Rats. <i>Cerebral Cortex Communications</i> , 2021, 2, tgaa090.	0.7	2
9152	Neural activation patterns during working memory tasks and OSA disease severity: preliminary findings. <i>Journal of Clinical Sleep Medicine</i> , 2009, 5, 21-7.	1.4	25
9159	MULTIPLE TESTING VIA FDR FOR LARGE SCALE IMAGING DATA. <i>Annals of Statistics</i> , 2011, 39, 613-642.	1.4	12
9161	In vivo Age-related Changes in Cortical, Subcortical Nuclei, and Subventricular Zone: A Diffusion Tensor Imaging Study. , 2013, 4, 65-75.		2
9162	Feature Selection in Order to Extract Multiple Sclerosis Lesions Automatically in 3D Brain Magnetic Resonance Images Using Combination of Support Vector Machine and Genetic Algorithm. <i>Journal of Medical Signals and Sensors</i> , 2012, 2, 211-8.	0.5	1
9164	Etiopathophysiological assessment of cases with chronic daily headache: A functional magnetic resonance imaging included investigation. <i>Iranian Journal of Neurology</i> , 2012, 11, 127-34.	0.5	1
9166	A hybrid hierarchical approach for brain tissue segmentation by combining brain atlas and least square support vector machine. <i>Journal of Medical Signals and Sensors</i> , 2013, 3, 232-43.	0.5	3
9168	Probabilistic atlas-based segmentation of combined T1-weighted and DUTE MRI for calculation of head attenuation maps in integrated PET/MRI scanners. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2014, 4, 160-71.	1.0	23
9169	Changes in a cerebellar peduncle lesion in a patient with Dandy-Walker malformation: A diffusion tensor imaging study. <i>Neural Regeneration Research</i> , 2013, 8, 474-8.	1.6	2
9170	Corticospinal tract recovery in a patient with traumatic transtentorial herniation. <i>Neural Regeneration Research</i> , 2013, 8, 469-73.	1.6	4
9171	Reducing clinical trial costs by detecting and measuring the placebo effect and treatment effect using brain imaging. <i>Studies in Health Technology and Informatics</i> , 2013, 184, 6-12.	0.2	1

#	ARTICLE	IF	CITATIONS
9173	An Automated MR Image Segmentation System Using Multi-layer Perceptron Neural Network. Journal of Biomedical Physics and Engineering, 2013, 3, 115-22.	0.5	5
9174	Quantitative Comparison of SPM, FSL, and Brainsuite for Brain MR Image Segmentation. Journal of Biomedical Physics and Engineering, 2014, 4, 13-26.	0.5	55
9177	An Optimal Transportation based Univariate Neuroimaging Index. Proceedings of the IEEE International Conference on Computer Vision, 2017, 2017, 182-191.	0.0	2
9178	Heritability estimates on resting state fMRI data using ENIGMA analysis pipeline. Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing, 2018, 23, 307-318.	0.7	14
9179	Classifying Acute Ischemic Stroke Onset Time using Deep Imaging Features. AMIA ... Annual Symposium proceedings, 2017, 2017, 892-901.	0.2	14
9180	The neural basis of hazard perception differences between novice and experienced drivers - An fMRI study. EXCLI Journal, 2020, 19, 547-566.	0.5	5
9181	Orienting Attention to Short-Term Memory Representations via Sensory Modality and Semantic Category Retro-Cues. ENeuro, 2020, 7, .	0.9	0
9182	Whole-brain histogram and voxel-based analyses of apparent diffusion coefficient and magnetization transfer ratio in celiac disease, epilepsy, and cerebral calcifications syndrome. American Journal of Neuroradiology, 2007, 28, 479-85.	1.2	10
9183	Effect of Physiological Noise on Thoracolumbar Spinal Cord Functional Magnetic Resonance Imaging in 3T Magnetic Field. Basic and Clinical Neuroscience, 2020, 11, 737-751.	0.3	0
9184	Braiding Braak and Braak: Staging patterns and model selection in network neurodegeneration. Network Neuroscience, 2021, 5, 929-956.	1.4	8
9185	Same action, different meaning: neural substrates of action semantic meaning. Cerebral Cortex, 2022, 32, 4293-4303.	1.6	6
9186	Developmental Coupling of Cerebral Blood Flow and fMRI Fluctuations in Youth. SSRN Electronic Journal, 0, , .	0.4	0
9187	Microstructural alterations of the corticospinal tract are associated with poor motor function in patients with severe congenital heart disease. NeuroImage: Clinical, 2021, 32, 102885.	1.4	4
9188	Lesion covariance networks reveal proposed origins and pathways of diffuse gliomas. Brain Communications, 2021, 3, fcab289.	1.5	11
9189	Towards data-driven group inferences of resting-state fMRI data in rodents: Comparison of group ICA, GIG-ICA, and IVA-GL. Journal of Neuroscience Methods, 2022, 366, 109411.	1.3	5
9190	Role of amygdala in stress-induced upregulation of airway IL-1 signaling in asthma. Biological Psychology, 2022, 167, 108226.	1.1	12
9191	Skeletal representations of shape in the human visual cortex. Neuropsychologia, 2022, 164, 108092.	0.7	18
9192	Seed-based dual regression: An illustration of the impact of dual regression's inherent filtering of global signal. Journal of Neuroscience Methods, 2022, 366, 109410.	1.3	1

#	ARTICLE	IF	CITATIONS
9193	Infantile status epilepticus disrupts myelin development. <i>Neurobiology of Disease</i> , 2022, 162, 105566.	2.1	3
9194	Parcellation-Free prediction of task fMRI activations from dMRI tractography. <i>Medical Image Analysis</i> , 2022, 76, 102317.	7.0	2
9195	Multi-task learning based structured sparse canonical correlation analysis for brain imaging genetics. <i>Medical Image Analysis</i> , 2022, 76, 102297.	7.0	13
9196	Clustering of Major White Matter Bundles using Tract-specific Geometric Curve Features. , 2021, , .		2
9197	Neuroanatomical anomalies associated with rare AP4E1 mutations in people who stutter. <i>Brain Communications</i> , 2021, 3, fcab266.	1.5	0
9198	Effects of laser interstitial thermal therapy for mesial temporal lobe epilepsy on the structural connectome and its relationship to seizure freedom. <i>Epilepsia</i> , 2022, 63, 176-189.	2.6	5
9199	Functional magnetic resonance imaging responses during perceptual decision-making at 3 and 7ÅT in human cortex, striatum, and brainstem. <i>Human Brain Mapping</i> , 2022, 43, 1265-1279.	1.9	11
9200	Neural correlates of slower gait in middle-aged persons with childhood-onset type 1 diabetes mellitus: The impact of accelerated brain aging. <i>Journal of Diabetes and Its Complications</i> , 2021, , 108084.	1.2	1
9201	Olfactory Function and Diffusion Tensor Imaging as Markers of Mild Cognitive Impairment in Early Stages of Parkinson's Disease. <i>Clinical EEG and Neuroscience</i> , 2023, 54, 91-97.	0.9	5
9202	Multimodal cerebral imaging study on the effects of "Adjust Zang Dredge Meridian" electroacupuncture on cerebral central sensitization in PDPN patients: a study protocol for a sham-controlled, randomized trial. <i>Trials</i> , 2021, 22, 799.	0.7	0
9203	CHIASM, the human brain albinism and achiasma MRI dataset. <i>Scientific Data</i> , 2021, 8, 308.	2.4	6
9204	Controllability of Structural Brain Networks and the Waxing and Waning of Negative Affect in Daily Life. <i>Biological Psychiatry Global Open Science</i> , 2022, 2, 432-439.	1.0	5
9205	Simultaneous functional MRI of two awake marmosets. <i>Nature Communications</i> , 2021, 12, 6608.	5.8	15
9211	High-resolution microscopic diffusion anisotropy imaging in the human hippocampus at 3T. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 1903-1913.	1.9	4
9212	Effective connectivity in the default mode network after paediatric traumatic brain injury. <i>European Journal of Neuroscience</i> , 2022, 55, 318-336.	1.2	3
9213	Functional Connectivity Lateralisation Shift of Resting State Networks is Linked to Visuospatial Memory and White Matter Microstructure in Relapsing-Remitting Multiple Sclerosis. <i>Brain Topography</i> , 2022, 35, 268-275.	0.8	3
9214	Characterizing the canine and feline optic pathways in vivo with diffusion MRI. <i>Veterinary Ophthalmology</i> , 2022, 25, 60-71.	0.6	3
9215	The neural correlates of grandmaternal caregiving. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20211997.	1.2	2

#	ARTICLE	IF	CITATIONS
9216	Resting-state functional heterogeneity of the right insula contributes to pain sensitivity. <i>Scientific Reports</i> , 2021, 11, 22945.	1.6	16
9219	Clinical Effects of Repetitive Transcranial Magnetic Stimulation of the Motor Cortex Are Associated With Changes in Resting-State Functional Connectivity in Patients With Fibromyalgia Syndrome. <i>Journal of Pain</i> , 2022, 23, 595-615.	0.7	7
9220	T1/T2 ratio: A quantitative sensitive marker of brain tissue integrity in multiple sclerosis. <i>Journal of Neuroimaging</i> , 2022, 32, 328-336.	1.0	5
9221	Decomposing MRI phenotypic heterogeneity in epilepsy: a step towards personalized classification. <i>Brain</i> , 2022, 145, 897-908.	3.7	26
9222	Widespread effects of <scp>dMRI</scp> data quality on diffusion measures in children. <i>Human Brain Mapping</i> , 2022, 43, 1326-1341.	1.9	6
9223	Sniffing the human body volatile hexadecanal blocks aggression in men but triggers aggression in women. <i>Science Advances</i> , 2021, 7, eabg1530.	4.7	11
9227	Mapping the Microstructure and Striae of the Human Olfactory Tract with Diffusion MRI. <i>Journal of Neuroscience</i> , 2022, 42, 58-68.	1.7	10
9229	Additive and interaction effects of working memory and motor sequence training on brain functional connectivity. <i>Scientific Reports</i> , 2021, 11, 23089.	1.6	4
9230	An extended Human Connectome Project multimodal parcellation atlas of the human cortex and subcortical areas. <i>Brain Structure and Function</i> , 2022, 227, 763-778.	1.2	51
9231	Aberrant Default Mode Connectivity in Adolescents with Early-Onset Psychosis: A resting state fMRI study. <i>NeuroImage: Clinical</i> , 2021, 33, 102881.	1.4	12
9233	White matter hyperintensities relate to executive dysfunction, apathy, but not disinhibition in long-term adult survivors of pediatric cerebellar tumor. <i>NeuroImage: Clinical</i> , 2022, 33, 102891.	1.4	2
9234	Axonal T2 estimation using the spherical variance of the strongly diffusion-weighted MRI signal. <i>Magnetic Resonance Imaging</i> , 2022, 86, 118-134.	1.0	4
9235	Imaging functional neuroplasticity in human white matter tracts. <i>Brain Structure and Function</i> , 2022, 227, 381-392.	1.2	15
9236	The diversity and multiplexity of edge communities within and between brain systems. <i>Cell Reports</i> , 2021, 37, 110032.	2.9	25
9237	Unveiling whole-brain dynamics in normal aging through Hidden Markov Models. <i>Human Brain Mapping</i> , 2022, 43, 1129-1144.	1.9	10
9238	Gray Matter Variation in the Posterior Superior Temporal Gyrus Is Associated with Polymorphisms in the <i>KIAA0319</i> Gene in Chimpanzees (<i>Pan troglodytes</i>). <i>ENeuro</i> , 2021, 8, ENEURO.0169-21.2021.	0.9	3
9239	A sub+cortical fMRI-based surface parcellation. <i>Human Brain Mapping</i> , 2022, 43, 616-632.	1.9	10
9242	Advanced Meditation Alters Resting-State Brain Network Connectivity Correlating With Improved Mindfulness. <i>Frontiers in Psychology</i> , 2021, 12, 745344.	1.1	13

#	ARTICLE	IF	CITATIONS
9243	Diffusion MRI tractography of the locus coeruleusâ€”transentorhinal cortex connections using GOâ€”ESP. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 1816-1831.	1.9	5
9244	Free-Living Physical Activity Measured With a Wearable Device Is Associated With Larger Hippocampus Volume and Greater Functional Connectivity in Healthy Older Adults: An Observational, Cross-Sectional Study in Northern Portugal. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 729060.	1.7	5
9245	Relationship between Dizziness and the Core Vestibular Projection Injury in Patients with Mild Traumatic Brain Injury. <i>Diagnostics</i> , 2021, 11, 2070.	1.3	3
9247	Mapping cortico-subcortical sensitivity to 4 Hz amplitude modulation depth in human auditory system with functional MRI. <i>NeuroImage</i> , 2021, , 118745.	2.1	0
9248	Cross-modal connectivity effects in age-related hearing loss. <i>Neurobiology of Aging</i> , 2022, 111, 1-13.	1.5	3
9249	Stimulation of the ventral tegmental area induces visual cortical plasticity at the neuronal level. <i>Cell Reports</i> , 2021, 37, 109998.	2.9	7
9252	AI and High-Grade Glioma for Diagnosis and Outcome Prediction: Do All Machine Learning Models Perform Equally Well?. <i>Frontiers in Oncology</i> , 2021, 11, 601425.	1.3	22
9253	The role of multimodal MRI in mild cognitive impairment and Alzheimer's disease. <i>Journal of Neuroimaging</i> , 2022, 32, 148-157.	1.0	5
9254	Domain- and task-specific transfer learning for medical segmentation tasks. <i>Computer Methods and Programs in Biomedicine</i> , 2022, 214, 106539.	2.6	20
9255	Foundations of Multiparametric Brain Tumour Imaging Characterisation Using Machine Learning. <i>Acta Neurochirurgica Supplementum</i> , 2022, 134, 183-193.	0.5	4
9256	Introduction to Machine Learning in Neuroimaging. <i>Acta Neurochirurgica Supplementum</i> , 2022, 134, 121-124.	0.5	1
9257	White matter tracts that overlap with the thalamus and the putamen are protected against multiple sclerosis pathology. <i>Multiple Sclerosis and Related Disorders</i> , 2022, 57, 103430.	0.9	3
9258	Quantitative magnetic resonance imaging for segmentation and white matter extraction of the hypothalamus. <i>Journal of Neuroscience Research</i> , 2022, 100, 564-577.	1.3	6
9259	Medullary vein architecture modulates the white matter BOLD cerebrovascular reactivity signal response to CO2: Observations from high-resolution T2* weighted imaging at 7T. <i>NeuroImage</i> , 2021, 245, 118771.	2.1	9
9260	Cognitive and Neural Mechanisms of Social Communication Dysfunction in Primary Progressive Aphasia. <i>Brain Sciences</i> , 2021, 11, 1600.	1.1	6
9261	Task effects on functional connectivity measures after stroke. <i>Experimental Brain Research</i> , 2021, , 1.	0.7	3
9262	Electroconvulsive therapy, electric field, neuroplasticity, and clinical outcomes. <i>Molecular Psychiatry</i> , 2022, 27, 1676-1682.	4.1	28
9263	Identification of proprioceptive thalamocortical tracts in children: comparison of fMRI, MEC, and manual seeding of probabilistic tractography. <i>Cerebral Cortex</i> , 2022, 32, 3736-3751.	1.6	2

#	ARTICLE	IF	CITATIONS
9264	A Predictive Visual Analytics System for Studying Neurodegenerative Disease Based on DTI Fiber Tracts. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2023, 29, 2020-2035.	2.9	2
9265	Amygdalaâ€“prefrontal connectivity in children with maladaptive aggression is modulated by social impairment. <i>Cerebral Cortex</i> , 2022, 32, 4371-4385.	1.6	4
9266	Developmental abnormalities of structural covariance networks of cortical thickness and surface area in autistic infants within the first 2Âyears. <i>Cerebral Cortex</i> , 2022, 32, 3786-3798.	1.6	3
9267	The effects of bilingualism on hippocampal volume in ageing bilinguals. <i>Brain Structure and Function</i> , 2022, 227, 979-994.	1.2	11
9268	Investigating the impact of early literacy training on white matter structure in prereaders at risk for dyslexia. <i>Cerebral Cortex</i> , 2022, 32, 4684-4697.	1.6	5
9269	Fractal-Based Analysis of fMRI BOLD Signal During Naturalistic Viewing Conditions. <i>Frontiers in Physiology</i> , 2021, 12, 809943.	1.3	5
9270	Generalizing deep learning brain segmentation for skull removal and intracranial measurements. <i>Magnetic Resonance Imaging</i> , 2022, 88, 44-52.	1.0	4
9271	Diagnostic sensitivity of traumatic axonal injury of the spinothalamic tract in patients with mild traumatic brain injury. <i>Medicine (United States)</i> , 2022, 101, e28536.	0.4	4
9272	General additive models address statistical issues in diffusion MRI: An example with clinically anxious adolescents. <i>NeuroImage: Clinical</i> , 2022, 33, 102937.	1.4	6
9273	Impact of white-matter mask selection on DTI histogram-based metrics as potential biomarkers in cerebral small vessel disease. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2022, 35, 779-790.	1.1	1
9274	Single-shell to multi-shell dMRI transformation using spatial and volumetric multilevel hierarchical reconstruction framework. <i>Magnetic Resonance Imaging</i> , 2022, 87, 133-156.	1.0	4
9275	Dear reviewers: Responses to common reviewer critiques about infant neuroimaging studies. <i>Developmental Cognitive Neuroscience</i> , 2022, 53, 101055.	1.9	18
9276	A semi-automatic registration protocol to match ex-vivo high-field 7T MR images and histological slices in surgical samples from patients with drug-resistant epilepsy. <i>Journal of Neuroscience Methods</i> , 2022, 367, 109439.	1.3	0
9277	Neurofilaments light: Possible biomarker of brain modifications in bipolar disorder. <i>Journal of Affective Disorders</i> , 2022, 300, 243-248.	2.0	8
9278	The relationship between persistent organic pollutants and Attention Deficit Hyperactivity Disorder phenotypes: Evidence from task-based neural activity in an observational study of a community sample of Canadian mother-child dyads. <i>Environmental Research</i> , 2022, 206, 112593.	3.7	7
9279	Try to see it my way â€“ Examining the relationship between visual perspective taking and theory of mind in frontotemporal dementia. <i>Brain and Cognition</i> , 2022, 157, 105835.	0.8	2
9280	Spatial Registration of Neuroimaging Data: Analysis of the Convenience of Performing Non-Affine Transformations. , 2020, , .		0
9282	3D Brain Image Segmentation Model using Deep Learning and Hidden Markov Random Fields. , 2020, , .		0

#	ARTICLE	IF	CITATIONS
9283	Effect of Physiological Noise on Thoracolumbar Spinal Cord Functional Magnetic Resonance Imaging in 3T Magnetic Field. <i>Basic and Clinical Neuroscience</i> , 2020, 11, 737-752.	0.3	3
9284	Orienting Attention to Short-Term Memory Representations via Sensory Modality and Semantic Category Retro-Cues. <i>ENeuro</i> , 2020, 7, ENEURO.0018-20.2020.	0.9	3
9285	Altered brain responses to specific negative emotions in schizophrenia. <i>NeuroImage: Clinical</i> , 2021, 32, 102894.	1.4	4
9286	Motor function and white matter connectivity in children cooled for neonatal encephalopathy. <i>NeuroImage: Clinical</i> , 2021, 32, 102872.	1.4	9
9287	Intelligence and Brain White Matter Development in Extremely Preterm Children at 6 Years Old Compared with Very Preterm Children. <i>Perinatology</i> , 2021, 32, 193.	0.0	0
9288	The Role of Spatial Alignment in Multimodal Medical Image Fusion Using Deep Learning for Diagnostic Problems. , 2021, , .		1
9289	Detection of Alzheimer's Disease using Structural Brain Network and Convolutional Neural Network. , 2021, , .		2
9290	Improving Similarity Metric of Multi-modal MR Brain Image Registration Via a Deep Ensemble. , 2021, , .		0
9291	Saturating Nonlinearities of Contrast Response in Human Visual Cortex. <i>Journal of Neuroscience</i> , 2022, 42, 1292-1302.	1.7	6
9292	<scp>BrainForge</scp>: An online data analysis platform for integrative neuroimaging acquisition, analysis, and sharing. <i>Concurrency Computation Practice and Experience</i> , 2023, 35, .	1.4	2
9293	Tractography-Based Surgical Targeting for Thalamic Deep Brain Stimulation: A Comparison of Probabilistic vs Deterministic Fiber Tracking of the Dentato-Rubro-Thalamic Tract. <i>Neurosurgery</i> , 2022, 90, 419-425.	0.6	7
9294	The impact of Alzheimer's disease susceptibility loci on lateral ventricular surface morphology in older adults. <i>Brain Structure and Function</i> , 2022, 227, 913-924.	1.2	0
9295	Functional and Structural Architectures of Allocentric and Egocentric Spatial Coding in Aging: A Combined DTI and fMRI Study. <i>Frontiers in Neurology</i> , 2021, 12, 802975.	1.1	0
9296	Development of functional organization within the sensorimotor network across the perinatal period. <i>Human Brain Mapping</i> , 2022, 43, 2249-2261.	1.9	6
9297	Neural correlates of sleep quality in children: Sex-specific associations shown by brain diffusion tractography. <i>Journal of Neuroimaging</i> , 2022, , .	1.0	2
9298	TL-HARDI: Transform learning based accelerated reconstruction of HARDI data. <i>Computers in Biology and Medicine</i> , 2022, 143, 105212.	3.9	2
9300	Limits of decoding mental states with fMRI. <i>Cortex</i> , 2022, 149, 101-122.	1.1	7
9301	Resting-State Network Changes Following Transcranial Magnetic Stimulation in Patients With Aphasia—A Randomized Controlled Study. <i>Neuromodulation</i> , 2022, 25, 528-537.	0.4	5

#	ARTICLE	IF	CITATIONS
9302	Cerebral White Matter Mediation of Age-Related Differences in Picture Naming Across Adulthood. <i>Neurobiology of Language (Cambridge, Mass)</i> , 2022, 3, 272-286.	1.7	2
9303	Evaluation of Error Production in Animal Fluency and Its Relationship to Frontal Tracts in Normal Aging and Mild Alzheimer's Disease: A Combined LDA and Time-Course Analysis Investigation. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 710938.	1.7	5
9304	Spatial and Temporal Context Jointly Modulate the Sensory Response within the Ventral Visual Stream. <i>Journal of Cognitive Neuroscience</i> , 2022, 34, 332-347.	1.1	6
9305	Large-scale brain network activation during emotional inhibitory control: Associations with alcohol misuse in college freshmen. <i>Alcoholism: Clinical and Experimental Research</i> , 2022, , .	1.4	1
9306	Mental imagery can generate and regulate acquired differential fear conditioned reactivity. <i>Scientific Reports</i> , 2022, 12, 997.	1.6	10
9307	Abnormal neurite density and orientation dispersion in frontal lobe link to elevated hyperactive/impulsive behaviours in young adults with traumatic brain injury. <i>Brain Communications</i> , 2022, 4, fcac011.	1.5	0
9309	Decreased Gray-White Matter Contrast of [11C]-PiB Uptake in Cognitively Unimpaired Subjects with Severe Obstructive Sleep Apnea. <i>Journal of Prevention of Alzheimer's Disease</i> , The, 0, , 1.	1.5	1
9310	Effect of head motion-induced artefacts on the reliability of deep learning-based whole-brain segmentation. <i>Scientific Reports</i> , 2022, 12, 1618.	1.6	2
9311	Adipose tissue distribution from body MRI is associated with cross-sectional and longitudinal brain age in adults. <i>NeuroImage: Clinical</i> , 2022, 33, 102949.	1.4	22
9312	Adverse childhood experiences predict neurite density differences in young children with and without attention deficit hyperactivity disorder. <i>Developmental Psychobiology</i> , 2022, 64, e22234.	0.9	6
9313	Effects of polygenic risk of schizophrenia on interhemispheric callosal white matter integrity and frontotemporal functional connectivity in first-episode schizophrenia. <i>Psychological Medicine</i> , 2022, , 1-10.	2.7	4
9314	Aphasia recovery by language training using a brain-computer interface: a proof-of-concept study. <i>Brain Communications</i> , 2022, 4, fcac008.	1.5	7
9315	Correcting B0 inhomogeneity-induced distortions in whole-body diffusion MRI of bone. <i>Scientific Reports</i> , 2022, 12, 265.	1.6	5
9316	Classification of brain tumours in MR images using deep spatiotemporal models. <i>Scientific Reports</i> , 2022, 12, 1505.	1.6	42
9318	Principal component analysis denoising improves sensitivity of MR diffusion to detect white matter injury in neuroHIV. <i>Journal of Neuroimaging</i> , 2022, 32, 544-553.	1.0	1
9319	Linking Multi-Modal MRI to Clinical Measures of Visual Field Loss After Stroke. <i>Frontiers in Neuroscience</i> , 2021, 15, 737215.	1.4	2
9320	Increasing stimulus similarity drives nonmonotonic representational change in hippocampus. <i>ELife</i> , 2022, 11, .	2.8	22
9321	Age Estimation from fMRI Data Using Recurrent Neural Network. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 749.	1.3	3

#	ARTICLE	IF	CITATIONS
9324	Aberrant functional metastability and structural connectivity are associated with rumination in individuals with major depressive disorder. <i>NeuroImage: Clinical</i> , 2022, 33, 102916.	1.4	5
9325	Evaluating Magnetic Resonance Diffusion Properties Together with Brain Volumetry May Predict Progression to Multiple Sclerosis. <i>Academic Radiology</i> , 2022, , .	1.3	0
9326	The Effect of Training Sample Size on the Prediction of White Matter Hyperintensity Volume in a Healthy Population Using BIANCA. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 720636.	1.7	5
9327	Relationship of fasting glucose and longitudinal Alzheimer's disease imaging markers. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2022, 8, e12239.	1.8	4
9328	Sex and sensitive period differences in potential effects of maltreatment on axial versus radial diffusivity in the corpus callosum. <i>Neuropsychopharmacology</i> , 2022, 47, 953-964.	2.8	4
9330	Normalized Brain Tissueâ€œLevel Evaluation of Volumetric Changes of Youth Athletes Participating in Collision Sports. <i>Neurotrauma Reports</i> , 2022, 3, 57-69.	0.5	4
9331	Role of White Matter Microstructure in Impulsive Behavior. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2022, 34, 254-260.	0.9	6
9334	Relationships between Diffusion Tensor Imaging and Resting State Functional Connectivity in Patients with Schizophrenia and Healthy Controls: A Preliminary Study. <i>Brain Sciences</i> , 2022, 12, 156.	1.1	3
9335	A Comparison Between the Performances of Verbal and Nonverbal Fluency Tests in Discriminating Between Mild Cognitive Impairments and Alzheimerâ€™s Disease Patients and Their Brain Morphological Correlates. <i>Dementia and Neurocognitive Disorders</i> , 2022, 21, 17.	0.4	1
9336	TMS intensity and focality correlation with coil orientation at three non-motor regions. <i>Physics in Medicine and Biology</i> , 2022, 67, 055002.	1.6	1
9337	Concordance of Alzheimerâ€™s Disease Subtypes Produced from Different Representative Morphological Measures: A Comparative Study. <i>Brain Sciences</i> , 2022, 12, 187.	1.1	3
9341	Generalisation of continuous time random walk to anomalous diffusion MRI models with an age-related evaluation of human corpus callosum. <i>NeuroImage</i> , 2022, 250, 118903.	2.1	4
9342	Priming cardiovascular exercise improves complex motor skill learning by affecting the trajectory of learning-related brain plasticity. <i>Scientific Reports</i> , 2022, 12, 1107.	1.6	6
9343	Learning white matter subjectâ€œspecific segmentation from structural MRI. <i>Medical Physics</i> , 2022, , .	1.6	4
9344	White matter microstructure associations to amyloid burden in adults with Down syndrome. <i>NeuroImage: Clinical</i> , 2022, 33, 102908.	1.4	1
9345	Cognitive Implications of Correlated Structural Network Changes in Schizophrenia. <i>Frontiers in Integrative Neuroscience</i> , 2021, 15, 755069.	1.0	1
9346	Aerobic Exercise Alters Brain Function and Structure in Parkinson's Disease: A Randomized Controlled Trial. <i>Annals of Neurology</i> , 2022, 91, 203-216.	2.8	83
9347	Maturity of white matter tracts is associated with episodic memory recall during development. <i>Cerebral Cortex Communications</i> , 2022, 3, tgac004.	0.7	0

#	ARTICLE	IF	CITATIONS
9348	Eight-week multi-domain cognitive training does not impact large-scale resting-state brain networks in Parkinson's disease. <i>NeuroImage: Clinical</i> , 2022, 33, 102952.	1.4	7
9349	Role of White Matter Abnormalities in the Relationship Between Microbleed Burden and Cognitive Impairment in Cerebral Amyloid Angiopathy. <i>Journal of Alzheimer's Disease</i> , 2022, 86, 667-678.	1.2	3
9350	Multimodal Classification of Alzheimer's Disease and Amnesic Mild Cognitive Impairment: Integrated 18F-FDG PET and DTI Study. <i>Journal of Alzheimer's Disease</i> , 2022, 85, 1063-1075.	1.2	5
9351	Reflections of the sensory findings in the central nervous system in patients with neuropathic pain. <i>Experimental Brain Research</i> , 2022, 240, 1081-1091.	0.7	2
9352	Effects of diffusion signal modeling and segmentation approaches on subthalamic nucleus parcellation. <i>NeuroImage</i> , 2022, 250, 118959.	2.1	3
9353	Altered working memory-related brain activity in children at familial high risk for psychosis: A preliminary study. <i>Schizophrenia Research</i> , 2022, 240, 186-192.	1.1	3
9355	Distributed and Multifaceted Effects of Threat and Safety. <i>Journal of Cognitive Neuroscience</i> , 2022, 34, 495-516.	1.1	11
9356	Lesions in different prefrontal sectors are associated with different types of acquired personality disturbances. <i>Cortex</i> , 2022, 147, 169-184.	1.1	4
9357	Neuropsychological and Neuroimaging Correlates of High-Altitude Hypoxia Trekking During the "Gokyo Khumbu/Ama Dablam" Expedition. <i>High Altitude Medicine and Biology</i> , 2022, 23, 57-68.	0.5	3
9359	The Neural Representation of Events Is Dominated by Elements that Are Most Reliably Present. <i>Journal of Cognitive Neuroscience</i> , 2022, 34, 517-531.	1.1	5
9360	Measuring variability of local brain volume using improved volume preserved warping. <i>Computerized Medical Imaging and Graphics</i> , 2022, 96, 102039.	3.5	0
9361	Escitalopram administration, relearning, and neuroplastic effects: A diffusion tensor imaging study in healthy individuals. <i>Journal of Affective Disorders</i> , 2022, 301, 426-432.	2.0	3
9362	Bundle myelin fraction (BMF) mapping of different white matter connections using microstructure informed tractography. <i>NeuroImage</i> , 2022, 249, 118922.	2.1	15
9363	Moment-based representation of the diffusion inside the brain from reduced DMRI acquisitions: Generalized AMURA. <i>Medical Image Analysis</i> , 2022, 77, 102356.	7.0	4
9364	More than the sum of its parts: Merging network psychometrics and network neuroscience with application in autism. <i>Network Neuroscience</i> , 2022, 6, 445-466.	1.4	8
9365	Evaluation of Structural Neural Connectivity Between the Primary Auditory Cortex and Cognition-Related Brain Areas Using Diffusion Tensor Tractography in 43 Normal Adults. <i>Medical Science Monitor</i> , 2022, 28, e936131.	0.5	2
9366	Multi-View Tensor Graph Neural Networks Through Reinforced Aggregation. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2023, 35, 4077-4091.	4.0	14
9367	OUP accepted manuscript. <i>Cerebral Cortex</i> , 2022, , .	1.6	7

#	ARTICLE	IF	CITATIONS
9369	Artificial Intelligence in Biomedical Image Processing. , 2022, , 147-188.		3
9370	Sex-specific intra- and inter-hemispheric structural connectivity related to divergent thinking. Neuroscience Letters, 2022, 774, 136513.	1.0	1
9371	Clinical and Molecular Correlates of Abnormal Changes in the Cerebellum and Globus Pallidus in Fragile X Premutation. Frontiers in Neurology, 2022, 13, 797649.	1.1	7
9372	Examining the presence and nature of delusions in Alzheimer's disease and frontotemporal dementia syndromes. International Journal of Geriatric Psychiatry, 2022, 37, .	1.3	4
9373	A Comparison of Global Brain Volumetrics Obtained from CT versus MRI Using 2 Publicly Available Software Packages. American Journal of Neuroradiology, 2022, 43, 245-250.	1.2	2
9374	Functional connectivity in the central executive network predicts changes in binge drinking behavior during emerging adulthood: an observational prospective study. Addiction, 2022, , .	1.7	1
9375	Semantic Integration of Multi-Modal Data and Derived Neuroimaging Results Using the Platform for Imaging in Precision Medicine (PRISM) in the Arkansas Imaging Enterprise System (ARIES). Frontiers in Artificial Intelligence, 2021, 4, 649970.	2.0	8
9376	White matter microstructure in Parkinson's disease with and without elevated rapid eye movement sleep muscle tone. Brain Communications, 2022, 4, fcac027.	1.5	3
9377	Effect of the long-term lack of half visual inputs on the white matter microstructure in congenital monocular blindness. Brain Research, 2022, 1781, 147832.	1.1	1
9378	Intrinsic Structural Connectivity of the Default Mode Network and Behavioral Correlates of Executive Function and Social Skills in Youth with Autism Spectrum Disorders. Journal of Autism and Developmental Disorders, 2023, 53, 1930-1941.	1.7	3
9379	Abnormal Anatomical and Functional Connectivity of the Thalamo-sensorimotor Circuit in Chronic Low Back Pain: Resting-state Functional Magnetic Resonance Imaging and Diffusion Tensor Imaging Study. Neuroscience, 2022, 487, 143-154.	1.1	12
9380	Longitudinal multimodal MRI characterization of a knock-in mouse model of Huntington's disease reveals early gray and white matter alterations. Human Molecular Genetics, 2022, 31, 3581-3596.	1.4	10
9381	Cannabis Use and Resting State Functional Connectivity in the Aging Brain. Frontiers in Aging Neuroscience, 2022, 14, 804890.	1.7	7
9382	Structural connectivity associated with the sense of body ownership: a diffusion tensor imaging and disconnection study in patients with bodily awareness disorder. Brain Communications, 2022, 4, fcac032.	1.5	12
9384	Transdiagnostic symptom subtypes across autism spectrum disorders and attention deficit hyperactivity disorder: validated by measures of neurocognition and structural connectivity. BMC Psychiatry, 2022, 22, 102.	1.1	5
9385	Diffuse optical reconstructions of functional near infrared spectroscopy data using maximum entropy on the mean. Scientific Reports, 2022, 12, 2316.	1.6	7
9387	Diffusion tensor imaging correlates of depressive symptoms in Parkinson disease. Journal of Comparative Neurology, 2022, 530, 1729-1738.	0.9	6
9388	Ipsilesional Motor Cortex Activation with High-force Unimanual Handgrip Contractions of the Less-affected Limb in Participants with Stroke. Neuroscience, 2022, 483, 82-94.	1.1	1

#	ARTICLE	IF	CITATIONS
9389	Neuroepigenetic impact on mentalizing in childhood. <i>Developmental Cognitive Neuroscience</i> , 2022, 54, 101080.	1.9	3
9390	Lateral entorhinal cortex dysfunction in amnesic mild cognitive impairment. <i>Neurobiology of Aging</i> , 2022, 112, 151-160.	1.5	13
9391	Voice Hearing in Borderline Personality Disorder Across Perceptual, Subjective, and Neural Dimensions. <i>International Journal of Neuropsychopharmacology</i> , 2022, 25, 375-386.	1.0	3
9393	Association of Birth Asphyxia With Regional White Matter Abnormalities Among Patients With Schizophrenia and Bipolar Disorders. <i>JAMA Network Open</i> , 2021, 4, e2139759.	2.8	5
9394	Disrupted functional connectivity between the nucleus accumbens and posterior cingulate cortex in autism spectrum disorder. <i>NeuroReport</i> , 2022, 33, 43-47.	0.6	10
9397	Multimodal assessment of language and memory reorganization: a proof of concept in two patients with drug-resistant temporal lobe epilepsy. <i>Epileptic Disorders</i> , 2019, 21, 411-424.	0.7	1
9398	Submaximal Exercise Provokes Increased Activation of the Anterior Default Mode Network During the Resting State as a Biomarker of Postexertional Malaise in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome. <i>Frontiers in Neuroscience</i> , 2021, 15, 748426.	1.4	10
9399	Quantitative MRI findings indicate diffuse white matter damage in Susac Syndrome. <i>Multiple Sclerosis Journal - Experimental, Translational and Clinical</i> , 2022, 8, 205521732210788.	0.5	0
9401	Bifocal emotion regulation through acupoint tapping in fear of flying. <i>NeuroImage: Clinical</i> , 2022, 34, 102996.	1.4	5
9402	Morphological Feature Visualization of Alzheimer's Disease via Multidirectional Perception GAN. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2023, 34, 4401-4415.	7.2	47
9403	Network controllability mediates the relationship between rigid structure and flexible dynamics. <i>Network Neuroscience</i> , 2022, 6, 275-297.	1.4	9
9404	QSMRim-Net: Imbalance-aware learning for identification of chronic active multiple sclerosis lesions on quantitative susceptibility maps. <i>NeuroImage: Clinical</i> , 2022, 34, 102979.	1.4	15
9406	Multimodal MRI Reconstruction Assisted With Spatial Alignment Network. <i>IEEE Transactions on Medical Imaging</i> , 2022, 41, 2499-2509.	5.4	7
9407	A Multi-Stream Convolutional Neural Network for Classification of Progressive MCI in Alzheimer's Disease Using Structural MRI Images. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2022, 26, 3918-3926.	3.9	26
9408	Application of Diffusion Tensor Imaging Fiber Tractography for Human Masseter Muscle. <i>Tohoku Journal of Experimental Medicine</i> , 2022, 256, 151-160.	0.5	2
9409	The relationship between cardiovascular risk and lifestyle activities on hippocampal volumes in normative aging. <i>Aging Brain</i> , 2022, 2, 100033.	0.7	0
9410	Multiple Sclerosis Lesion Analysis in Brain Magnetic Resonance Images: Techniques and Clinical Applications. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2022, 26, 2680-2692.	3.9	18
9412	Imaging of neuroinflammation due to repetitive head injury in currently active kickboxers. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 3162-3172.	3.3	1

#	ARTICLE	IF	CITATIONS
9414	Tract-specific statistics based on diffusion-weighted probabilistic tractography. <i>Communications Biology</i> , 2022, 5, 138.	2.0	1
9415	Biophysical compartment models for single-shell diffusion MRI in the human brain: a model fitting comparison. <i>Physics in Medicine and Biology</i> , 2022, 67, 055009.	1.6	1
9416	Altered white matter diffusivity and subtle motor function in a pilot cohort of adolescents with sports-related concussion. <i>Brain Injury</i> , 2022, 36, 393-400.	0.6	3
9417	Intermediate-Intensity Autologous Hematopoietic Stem Cell Transplantation Reduces Serum Neurofilament Light Chains and Brain Atrophy in Aggressive Multiple Sclerosis. <i>Frontiers in Neurology</i> , 2022, 13, 820256.	1.1	6
9418	Iron Deposition in the Brain After Aneurysmal Subarachnoid Hemorrhage. <i>Stroke</i> , 2022, 53, 1633-1642.	1.0	28
9419	Altered Neural and Behavioral Response to Sexually Implicit Stimuli During a Pictorial-Modified Stroop Task in Pedophilic Disorder. <i>Biological Psychiatry Global Open Science</i> , 2022, , .	1.0	0
9421	Cerebello-Motor Paired Associative Stimulation and Motor Recovery in Stroke: a Randomized, Sham-Controlled, Double-Blind Pilot Trial. <i>Neurotherapeutics</i> , 2022, 19, 491-500.	2.1	8
9422	Dissociation of basolateral and central amygdala effective connectivity predicts the stability of emotion-related impulsivity in adolescents and emerging adults with borderline personality symptoms: a resting-state fMRI study. <i>Psychological Medicine</i> , 2023, 53, 3533-3547.	2.7	5
9423	Multimodal investigation of the association between shift work and the brain in a population-based sample of older adults. <i>Scientific Reports</i> , 2022, 12, 2969.	1.6	3
9425	<sc>SNR</sc>â€efficient distortionâ€free diffusion relaxometry imaging using accelerated echoâ€train shifted echoâ€planar timeâ€resolving imaging (<sc>ACEâ€EPTI</sc>). <i>Magnetic Resonance in Medicine</i> , 2022, 88, 164-179.	1.9	9
9427	The Interaction Between Vascular Risk Factors, Cerebral Small Vessel Disease, and Amyloid Burden in Older Adults. <i>Journal of Alzheimer's Disease</i> , 2022, 86, 1617-1628.	1.2	7
9428	Assessing the Reliability of Template-Based Clustering for Tractography in Healthy Human Adults. <i>Frontiers in Neuroinformatics</i> , 2022, 16, 777853.	1.3	1
9430	Beyond body maps: Information content of specific body parts is distributed across the somatosensory homunculus. <i>Cell Reports</i> , 2022, 38, 110523.	2.9	25
9431	Brain Network Associated with Three Types of Remote Associations: Graph Theory Analysis. <i>Creativity Research Journal</i> , 0, , 1-12.	1.7	2
9432	The Acute Superficial Siderosis Syndrome â€ Clinical Entity, Imaging Findings, and Histopathology. <i>Cerebellum</i> , 2023, 22, 296-304.	1.4	5
9433	Structural (dys)connectivity associates with cholinergic cell density in Alzheimerâ€™s disease. <i>Brain</i> , 2022, 145, 2869-2881.	3.7	15
9434	Global Brain Functional Network Connectivity in Infants With Prenatal Opioid Exposure. <i>Frontiers in Pediatrics</i> , 2022, 10, 847037.	0.9	15
9435	Brain signatures based on structural <sc>MRI</sc>: Classification for <sc>MCI</sc>, <sc>PMCI</sc>, and <sc>AD</sc>. <i>Human Brain Mapping</i> , 2022, 43, 2845-2860.	1.9	7

#	ARTICLE	IF	CITATIONS
9436	Preliminary Report on the Train the Brain Project, Part I: Sensorimotor Neural Correlates of Anterior Cruciate Ligament Injury Risk Biomechanics. <i>Journal of Athletic Training</i> , 2022, 57, 902-910.	0.9	3
9437	Mapping spatial frequency preferences across human primary visual cortex. <i>Journal of Vision</i> , 2022, 22, 3.	0.1	8
9438	DNA methylation in relation to gestational age and brain dysmaturation in preterm infants. <i>Brain Communications</i> , 2022, 4, fcac056.	1.5	14
9439	Longitudinal whole-brain analysis of multi-subject diffusion data in diffuse axonal injury. <i>Arquivos De Neuro-Psiquiatria</i> , 2022, 80, 280-288.	0.3	0
9440	Glutamate levels across deep brain structures in patients with a psychotic disorder and its relation to cognitive functioning. <i>Journal of Psychopharmacology</i> , 2022, 36, 489-497.	2.0	2
9441	Clinical evaluation of the eye-to-visual-pathway integrity of glaucomatous neurodegeneration using 1.5T MR imaging: The integrity of glaucomatous neurodegeneration. <i>International Journal of Clinical and Experimental Ophthalmology</i> , 2022, 6, 001-006.	0.1	0
9443	Improving Imaging of the Brainstem and Cerebellum in Autistic Children: Transformation-Based High-Resolution Diffusion MRI (TiDi-Fused) in the Human Brainstem. <i>Frontiers in Integrative Neuroscience</i> , 2022, 16, 804743.	1.0	4
9444	Tau and the fractionated default mode network in atypical Alzheimer's disease. <i>Brain Communications</i> , 2022, 4, fcac055.	1.5	11
9445	Effect of lactate administration on cerebral blood flow during hypoglycemia in people with type 1 diabetes. <i>BMJ Open Diabetes Research and Care</i> , 2022, 10, e002401.	1.2	2
9446	Transcellular blood-brain barrier disruption in malaria-induced reversible brain edema. <i>Life Science Alliance</i> , 2022, 5, e202201402.	1.3	4
9447	Rationale and design of the brain magnetic resonance imaging protocol for FutureMS: a longitudinal multi-centre study of newly diagnosed patients with relapsing-remitting multiple sclerosis in Scotland. <i>Wellcome Open Research</i> , 0, 7, 94.	0.9	6
9448	Temporal lobe epilepsy lateralisation and surgical outcome prediction using diffusion imaging. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2022, 93, 599-608.	0.9	11
9449	Diffusion Tensor Imaging Reveals Deep Brain Structure Changes in Early Parkinson's Disease Patients with Various Sleep Disorders. <i>Brain Sciences</i> , 2022, 12, 463.	1.1	1
9450	Inferring excitation-inhibition dynamics using a maximum entropy model unifying brain structure and function. <i>Network Neuroscience</i> , 2022, 6, 420-444.	1.4	8
9452	Exploring Hierarchical Auditory Representation via a Neural Encoding Model. <i>Frontiers in Neuroscience</i> , 2022, 16, 843988.	1.4	1
9453	The photobiology of the human circadian clock. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2118803119.	3.3	17
9455	Decoding the Brain's Surface to Track Deeper Activity. , 2022, 1, .		0
9456	Processing of pain by the developing brain: evidence of differences between adolescent and adult females. <i>Pain</i> , 2022, 163, 1777-1789.	2.0	9

#	ARTICLE	IF	CITATIONS
9458	Structural connectivity in ventral language pathways characterizes non-verbal autism. <i>Brain Structure and Function</i> , 2022, 227, 1817-1829.	1.2	4
9459	Preliminary Report on the Train the Brain Project, Part II: Neuroplasticity of Augmented Neuromuscular Training and Improved Injury-Risk Biomechanics. <i>Journal of Athletic Training</i> , 2022, 57, 911-920.	0.9	6
9460	Comparative study of vestibular projection pathway connectivity in cerebellar injury patients and healthy adults. <i>BMC Neuroscience</i> , 2022, 23, 17.	0.8	1
9461	Computational Approaches for Acute Traumatic Brain Injury Image Recognition. <i>Frontiers in Neurology</i> , 2022, 13, 791816.	1.1	8
9462	The Effects of Nicotine and Cannabis Co-Use During Late Adolescence on White Matter Fiber Tract Microstructure. <i>Journal of Studies on Alcohol and Drugs</i> , 2022, 83, 287-295.	0.6	7
9463	Cyto/myeloarchitecture of cortical gray matter and superficial white matter in early neurodevelopment: multimodal MRI study in preterm neonates. <i>Cerebral Cortex</i> , 2022, 33, 357-373.	1.6	3
9464	Developmental coupling of cerebral blood flow and fMRI fluctuations in youth. <i>Cell Reports</i> , 2022, 38, 110576.	2.9	23
9465	No evidence for motor-recovery-related cortical connectivity changes after stroke using resting-state fMRI. <i>Journal of Neurophysiology</i> , 2022, 127, 637-650.	0.9	5
9466	Oxytocin normalizes altered circuit connectivity for social rescue of the <i>Cntnap2</i> knockout mouse. <i>Neuron</i> , 2022, 110, 795-808.e6.	3.8	41
9467	In-degree centrality in a social network is linked to coordinated neural activity. <i>Nature Communications</i> , 2022, 13, 1118.	5.8	20
9468	Neural Correlates of Self-Reported Knee Function in Individuals After Anterior Cruciate Ligament Reconstruction. <i>Sports Health</i> , 2022, , 194173812210793.	1.3	3
9469	Imaging white matter microstructure with gradient-echo phase imaging: Is ex vivo imaging with formalin-fixed tissue a good approximation of the in vivo brain?. <i>Magnetic Resonance in Medicine</i> , 2022, 88, 380-390.	1.9	5
9470	Quantitative chemical exchange saturation transfer imaging of nuclear overhauser effects in acute ischemic stroke. <i>Magnetic Resonance in Medicine</i> , 2022, , .	1.9	2
9472	MRI predictors for the conversion from contrast-enhancing to iron rim multiple sclerosis lesions. <i>Journal of Neurology</i> , 2022, , 1.	1.8	6
9474	Evaluating different methods of MR-based motion correction in simultaneous PET/MR using a head phantom moved by a robotic system. <i>EJNMMI Physics</i> , 2022, 9, 15.	1.3	3
9475	Rapid parameter estimation for selective inversion recovery myelin imaging using an open-source Julia toolkit. <i>PeerJ</i> , 2022, 10, e13043.	0.9	1
9476	Hybrid fiber optic-fMRI for multimodal cell-specific recording and manipulation of neural activity in rodents. <i>Neurophotonics</i> , 2022, 9, 032206.	1.7	6
9477	Effects of aerobic versus cognitively demanding exercise interventions on brain structure and function in healthy children—Results from a cluster randomized controlled trial. <i>Psychophysiology</i> , 2022, 59, e14034.	1.2	6

#	ARTICLE	IF	CITATIONS
9478	Symptoms reported by Canadians posted in Havana are linked with reduced white matter fibre density. Brain Communications, 2022, 4, fcac053.	1.5	3
9479	Dissociated brain functional connectivity of fast versus slow frequencies underlying individual differences in fluid intelligence: a DTI and MEG study. Scientific Reports, 2022, 12, 4746.	1.6	8
9481	Connectomic analysis of unilateral dual-lead thalamic deep brain stimulation for treatment of multiple sclerosis tremor. Brain Communications, 2022, 4, fcac063.	1.5	2
9483	Searching for optimal machine learning model to classify mild cognitive impairment (MCI) subtypes using multimodal MRI data. Scientific Reports, 2022, 12, 4284.	1.6	15
9484	Open multimodal iEEG-fMRI dataset from naturalistic stimulation with a short audiovisual film. Scientific Data, 2022, 9, 91.	2.4	10
9485	Associations Between White Matter Microstructures and Cognitive Functioning in 8-Year-Old Children: A Track-Weighted Imaging Study. Journal of Child Neurology, 2022, 37, 471-490.	0.7	3
9486	<sc>BUDA–MESMERISE</sc>: Rapid acquisition and unsupervised parameter estimation for <sc>T₁</sc>, <sc>T₂</sc>, <sc>M₀</sc>, <sc>B₀</sc>, and <sc>B₁</sc> maps. Magnetic Resonance in Medicine, 2022, 88, 292-308.	1.9	4
9487	Study Protocol: Multimodal Longitudinal Assessment of Infant Brain Organization and Recovery in Perinatal Brain Injury. Pediatric Physical Therapy, 2022, 34, 268-276.	0.3	0
9490	Investigating the potential disease-modifying and neuroprotective efficacy of exercise therapy early in the disease course of multiple sclerosis: The Early Multiple Sclerosis Exercise Study (EMSES). Multiple Sclerosis Journal, 2022, 28, 1620-1629.	1.4	15
9491	Personalized local <sc>SAR</sc> prediction for parallel transmit neuroimaging at <sc>7T</sc> from a single <sc>T1</sc>-weighted dataset. Magnetic Resonance in Medicine, 2022, 88, 464-475.	1.9	9
9492	Differential Relationships Between Brain Structure and Dual Task Walking in Young and Older Adults. Frontiers in Aging Neuroscience, 2022, 14, 809281.	1.7	6
9495	Automation of Cranial Nerve Tractography by Filtering Tractograms for Skull Base Surgery. , 0, 1, .		0
9496	Whole-brain white matter correlates of personality profiles predictive of subjective well-being. Scientific Reports, 2022, 12, 4558.	1.6	2
9497	Shamo: A Tool for Electromagnetic Modeling, Simulation and Sensitivity Analysis of the Head. Neuroinformatics, 2022, , 1.	1.5	3
9498	Age-related heterogeneity revealed by disruption of white matter structural networks in patients with first-episode untreated major depressive disorder. Journal of Affective Disorders, 2022, 303, 286-296.	2.0	3
9499	Processing of visual and non-visual naturalistic spatial information in the "parahippocampal place area". Scientific Data, 2022, 9, 147.	2.4	7
9500	Benchmarking common preprocessing strategies in early childhood functional connectivity and intersubject correlation fMRI. Developmental Cognitive Neuroscience, 2022, 54, 101087.	1.9	9
9501	Cerebrovascular Reactivity Mapping Using <sc>Resting–State</sc> Functional <sc>MRI</sc> in Patients With Gliomas. Journal of Magnetic Resonance Imaging, 2022, 56, 1863-1871.	1.9	7

#	ARTICLE	IF	CITATIONS
9502	Complex negative emotions induced by electrical stimulation of the human hypothalamus. <i>Brain Stimulation</i> , 2022, 15, 615-623.	0.7	5
9503	The neurocomputational bases of explore-exploit decision-making. <i>Neuron</i> , 2022, 110, 1869-1879.e5.	3.8	21
9504	External Validation of a Convolutional Neural Network for IDH Mutation Prediction. <i>Medicina (Lithuania)</i> , 2022, 58, 526.	0.8	2
9505	Neural sensitivity to semantic neighbors is stable across the adult lifespan. <i>Neuropsychologia</i> , 2022, 171, 108237.	0.7	4
9508	Retinal nerve fiber and ganglion cell complex layer thicknesses mirror brain atrophy in patients with relapsing-remitting multiple sclerosis. <i>Restorative Neurology and Neuroscience</i> , 2022, 40, 35-42.	0.4	7
9509	White matter microstructural damage in chronic ischemic stroke affecting the left inferior frontal gyrus: association with cognitive functions. <i>Clinical Neurology and Neurosurgery</i> , 2022, 217, 107238.	0.6	1
9510	Relating the cortical visual contrast gain response to spectroscopy-measured excitatory and inhibitory metabolites in people who experience migraine. <i>PLoS ONE</i> , 2022, 17, e0266130.	1.1	2
9513	The optimized combination of aCompCor and ICA-AROMA to reduce motion and physiologic noise in task fMRI data. <i>Biomedical Physics and Engineering Express</i> , 2022, 8, 057001.	0.6	3
9514	Neural responses to reward anticipation and feedback in adult and adolescent cannabis users and controls. <i>Neuropsychopharmacology</i> , 2022, 47, 1976-1983.	2.8	11
9515	Greater Empathic Abilities and Resting State Brain Connectivity Differences in Psychotherapists Compared to Non-psychotherapists. <i>Neuroscience</i> , 2022, 492, 82-91.	1.1	4
9516	ReconResNet: Regularised residual learning for MR image reconstruction of Undersampled Cartesian and Radial data. <i>Computers in Biology and Medicine</i> , 2022, 143, 105321.	3.9	14
9517	Mutation-related magnetization transfer, not axon density, drives white matter differences in premanifest Huntington disease: Evidence from in vivo ultra-strong gradient MRI. <i>Human Brain Mapping</i> , 2022, 43, 3439-3460.	1.9	5
9518	Individualized event structure drives individual differences in whole-brain functional connectivity. <i>NeuroImage</i> , 2022, 252, 118993.	2.1	46
9519	ADHD-inattentive versus ADHD-Combined subtypes: A severity continuum or two distinct entities? A comprehensive analysis of clinical, cognitive and neuroimaging data. <i>Journal of Psychiatric Research</i> , 2022, 149, 28-36.	1.5	10
9520	Age differences in diffusivity in the locus coeruleus and its ascending noradrenergic tract. <i>NeuroImage</i> , 2022, 251, 119022.	2.1	7
9521	Large-scale differences in functional organization of left- and right-handed individuals using whole-brain, data-driven analysis of connectivity. <i>NeuroImage</i> , 2022, 252, 119040.	2.1	14
9522	An open access resource for functional brain connectivity from fully awake marmosets. <i>NeuroImage</i> , 2022, 252, 119030.	2.1	23
9523	Connectomic-genetic signatures in the cerebral small vessel disease. <i>Neurobiology of Disease</i> , 2022, 167, 105671.	2.1	1

#	ARTICLE	IF	CITATIONS
9524	Structure-function coupling within the reward network in preschool children predicts executive functioning in later childhood. <i>Developmental Cognitive Neuroscience</i> , 2022, 55, 101107.	1.9	10
9525	A high-resolution multi-shell 3T diffusion magnetic resonance imaging dataset as part of the Amsterdam Ultra-high field adult lifespan database (AHEAD). <i>Data in Brief</i> , 2022, 42, 108086.	0.5	0
9526	Non-invasive in vivo MRI detects long-term microstructural brain alterations related to learning and memory impairments in a model of inflammation-induced white matter injury. <i>Behavioural Brain Research</i> , 2022, 428, 113884.	1.2	4
9527	Multi-parameter quantitative mapping of R1, R2*, PD, and MTsat is reproducible when accelerated with Compressed SENSE. <i>NeuroImage</i> , 2022, 253, 119092.	2.1	3
9528	SDnDTI: Self-supervised deep learning-based denoising for diffusion tensor MRI. <i>NeuroImage</i> , 2022, 253, 119033.	2.1	31
9529	The effects of oxytocin and vasopressin administration on fathers' neural responses to infant crying: A randomized controlled within-subject study. <i>Psychoneuroendocrinology</i> , 2022, 140, 105731.	1.3	7
9530	Subiculum-BNST structural connectivity in humans and macaques. <i>NeuroImage</i> , 2022, 253, 119096.	2.1	2
9531	White matter predictors of worsening of subthreshold hypomania severity in non-bipolar young adults parallel abnormalities in individuals with bipolar disorder. <i>Journal of Affective Disorders</i> , 2022, 306, 148-156.	2.0	1
9532	Accuracy and reliability of diffusion imaging models. <i>NeuroImage</i> , 2022, 254, 119138.	2.1	13
9533	Deep attentive spatio-temporal feature learning for automatic resting-state fMRI denoising. <i>NeuroImage</i> , 2022, 254, 119127.	2.1	5
9534	General factors of white matter microstructure from DTI and NODDI in the developing brain. <i>NeuroImage</i> , 2022, 254, 119169.	2.1	15
9535	Numerical investigation of the energy distribution of Low-intensity transcranial focused ultrasound neuromodulation for hippocampus. <i>Ultrasonics</i> , 2022, 124, 106724.	2.1	6
9536	Functional Magnetic Resonance Imaging Findings in Children and Adolescents With Chronic Kidney Disease: Preliminary Findings. <i>Seminars in Nephrology</i> , 2021, 41, 462-475.	0.6	7
9537	Multi-stratification feature selection for diagnostic analysis of Alzheimer's disease. , 2021, , .		0
9538	Whole-brain white matter network reorganization in HIV. , 2021, 2021, 3830-3833.		0
9539	Patient-Specific Anisotropic Volume of Tissue Activated with the Lead-DBS Toolbox. , 2021, 2021, 6285-6288.		0
9540	Development of DTI Based Probabilistic Tractography Methods to Characterize Arm Muscle Architecture in Individuals Post Hemiparetic Stroke. , 2021, 2021, 3451-3454.		1
9541	Improved B0 Field Estimation Near Air/Tissue Interface And Its Application In Single-Shot Echo-Planar Readout Based Diffusion Imaging. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
9542	Connectivity-based thalamus parcellation and surgical targeting of somatosensory subnuclei. <i>Journal of Neurosurgery</i> , 2022, 137, 209-216.	0.9	1
9544	Ultrasound modulation of macaque prefrontal cortex selectively alters credit assignment-related activity and behavior. <i>Science Advances</i> , 2021, 7, eabg7700.	4.7	27
9545	When You Do Not Get the Whole Picture: Scene Perception After Occipital Cortex Lesions. <i>Frontiers in Neuroscience</i> , 2021, 15, 716273.	1.4	0
9546	Task-Specific Neural Representations of Generalizable Metacognitive Control Signals in the Human Dorsal Anterior Cingulate Cortex. <i>Journal of Neuroscience</i> , 2022, 42, 1275-1291.	1.7	2
9547	Investigating the Relationship between White Matter Connectivity and Motivational Circuits in Subjects with Deficit Schizophrenia: A Diffusion Tensor Imaging (DTI) Study. <i>Journal of Clinical Medicine</i> , 2022, 11, 61.	1.0	10
9548	The heritability of amyloid burden in older adults: the Older Australian Twins Study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2022, 93, 303-308.	0.9	7
9549	Emotional Context Sculpts Action Goal Representations in the Lateral Frontal Pole. <i>Journal of Neuroscience</i> , 2022, 42, 1529-1541.	1.7	5
9550	Imbalance in functional and structural connectivity underlying goal-directed and habitual learning systems in obsessive-compulsive disorder. <i>Cerebral Cortex</i> , 2022, 32, 3690-3705.	1.6	4
9552	devfOLD: a toolbox for designing age-specific fNIRS channel placement. <i>Neurophotonics</i> , 2021, 8, 045003.	1.7	7
9553	Is it left or is it right? A classification approach for investigating hemispheric differences in low and high dimensionality. <i>Brain Structure and Function</i> , 2022, 227, 425-440.	1.2	3
9554	Diffusion MRI metrics and their relation to dementia severity: effects of harmonization approaches. , 2021, , .		6
9555	Regional Topological Aberrances of White Matter- and Gray Matter-Based Functional Networks for Attention Processing May Foster Traumatic Brain Injury-Related Attention Deficits in Adults. <i>Brain Sciences</i> , 2022, 12, 16.	1.1	2
9556	Human Primary Olfactory Amygdala Subregions Form Distinct Functional Networks, Suggesting Distinct Olfactory Functions. <i>Frontiers in Systems Neuroscience</i> , 2021, 15, 752320.	1.2	14
9557	The effect of polygenic risk on white matter microstructural degeneration in Parkinson's disease: A longitudinal Diffusion Tensor Imaging study. <i>European Journal of Neurology</i> , 2022, 29, 1000-1010.	1.7	3
9558	Feasibility of intravoxel incoherent motion in the assessment of tumor microvasculature and blood-brain barrier integrity: a case-based evaluation of gliomas. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2022, 35, 17-27.	1.1	2
9559	Gradual Restraint Habituation for Awake Functional Magnetic Resonance Imaging Combined With a Sparse Imaging Paradigm Reduces Motion Artifacts and Stress Levels in Rodents. <i>Frontiers in Neuroscience</i> , 2021, 15, 805679.	1.4	12
9560	An efficient functional magnetic resonance imaging data reduction strategy using neighborhood preserving embedding algorithm. <i>Human Brain Mapping</i> , 2022, 43, 1561-1576.	1.9	3
9561	Atypical cerebellar functional connectivity at 9 months of age predicts delayed socio-communicative profiles in infants at high and low risk for autism. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2022, 63, 1002-1016.	3.1	7

#	ARTICLE	IF	CITATIONS
9562	Lesion Distribution and Early Changes of Right Hemisphere in Chinese Patients With Post-stroke Aphasia. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 632217.	1.7	1
9563	Cerebral processing of sharp mechanical pain measured with arterial spin labeling. <i>Brain and Behavior</i> , 2022, 12, e2442.	1.0	1
9564	A robust framework for characterising diffusion metrics of the median and ulnar nerves: Exploiting state-of-the-art tracking methods. <i>Journal of the Peripheral Nervous System</i> , 2022, 27, 67-83.	1.4	2
9565	Changes in the Shape and Volume of Subcortical Structures in Patients With End-Stage Renal Disease. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 778807.	1.0	6
9568	In Vivo Absolute Metabolite Quantification Using a Multiplexed ¹ H-MRS Array Coil for Whole-Brain MR Spectroscopic Imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2022, 56, 121-133.	1.9	2
9569	Cognitive and functional deficits are associated with white matter abnormalities in two independent cohorts of patients with schizophrenia. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2022, 272, 957-969.	1.8	10
9570	Associations of the Disrupted Functional Brain Network and Cognitive Function in End-Stage Renal Disease Patients on Maintenance Hemodialysis: A Graph Theory-Based Study of Resting-State Functional Magnetic Resonance Imaging. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 716719.	1.0	6
9571	Differential Identification of Prodromal Stages of Alzheimer's Disease Using Tissue Probability Map (TPM) based Network. , 2021, . .		1
9572	Quantitative evaluation of brain iron accumulation in different stages of Parkinson's disease. <i>Journal of Neuroimaging</i> , 2022, 32, 363-371.	1.0	16
9573	Resting-state Functional Connectivity After Occipital Stroke. <i>Neurorehabilitation and Neural Repair</i> , 2022, 36, 151-163.	1.4	5
9574	Functional connectivity based brain signatures of behavioral regulation in children with ADHD, DCD, and ADHD-DCD. <i>Development and Psychopathology</i> , 2023, 35, 85-94.	1.4	9
9575	Automated Segmentation of Trigeminal Nerve and Cerebrovasculature in MR-Angiography Images by Deep Learning. <i>Frontiers in Neuroscience</i> , 2021, 15, 744967.	1.4	5
9576	Prevalence of white matter pathways coming into a single white matter voxel orientation: The bottleneck issue in tractography. <i>Human Brain Mapping</i> , 2022, 43, 1196-1213.	1.9	34
9577	High-resolution neural network-driven mapping of multiple diffusion metrics leveraging asymmetries in the balanced steady-state free precession frequency profile. <i>NMR in Biomedicine</i> , 2022, 35, e4669.	1.6	1
9578	Association Study Between White Matter Microstructure and Intelligence Decline in Schizophrenia. <i>Clinical EEG and Neuroscience</i> , 2021, , 155005942110633.	0.9	2
9579	Systematic validation of structural brain networks in cerebral small vessel disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 1020-1032.	2.4	9
9580	Reduced White Matter Integrity in Patients With End-Stage and Non-end-Stage Chronic Kidney Disease: A Tract-Based Spatial Statistics Study. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 774236.	1.0	6
9581	A large-scale diffusion imaging study of tinnitus and hearing loss. <i>Scientific Reports</i> , 2021, 11, 23395.	1.6	22

#	ARTICLE	IF	CITATIONS
9582	Segmental Abnormalities of White Matter Microstructure in End-Stage Renal Disease Patients: An Automated Fiber Quantification Tractography Study. <i>Frontiers in Neuroscience</i> , 2021, 15, 765677.	1.4	9
9584	Development of an MRI-Compatible Nasal Drug Delivery Method for Probing Nicotine Addiction Dynamics. <i>Pharmaceutics</i> , 2021, 13, 2069.	2.0	0
9586	Towards automated in vivo parcellation of the human cerebral cortex using supervised classification of magnetic resonance fingerprinting residuals. <i>Cerebral Cortex</i> , 2023, 33, 1550-1565.	1.6	1
9587	Relationship of the Nigrostriatal Tract with the Motor Function and the Corticospinal Tract in Chronic Hemiparetic Stroke Patients: A Diffusion Tensor Imaging Study. <i>Healthcare (Switzerland)</i> , 2022, 10, 731.	1.0	1
9588	Academic skills after brain injury: A lifespan perspective.. <i>Neuropsychology</i> , 2022, 36, 419-432.	1.0	0
9590	Increased global integration in the brain after psilocybin therapy for depression. <i>Nature Medicine</i> , 2022, 28, 844-851.	15.2	175
9591	Ultra-high field (10.5T) diffusion-weighted MRI of the macaque brain. <i>NeuroImage</i> , 2022, 255, 119200.	2.1	7
9592	The Need for Medical Artificial Intelligence That Incorporates Prior Images. <i>Radiology</i> , 2022, 304, 283-288.	3.6	17
9593	Functional Magnetic Resonance Imaging Studies in Sexual Medicine: A Primer. <i>Journal of Sexual Medicine</i> , 2022, 19, 1073-1089.	0.3	3
9594	Blip up&down acquisition for spin&and gradient&echo imaging (<scp>BUDA&SAGE </scp>) with self&supervised denoising enables efficient <scp>T₂</scp>, <scp>T₂</scp>*, para&and dia&magnetic susceptibility mapping. <i>Magnetic Resonance in Medicine</i> , 2022, 88, 633-650.	1.9	15
9595	Motor Progression and Nigrostriatal Neurodegeneration in Parkinson Disease. <i>Annals of Neurology</i> , 2022, 92, 110-121.	2.8	17
9596	Effects of Sub-threshold Transcutaneous Auricular Vagus Nerve Stimulation on Cingulate Cortex and Insula Resting-state Functional Connectivity. <i>Frontiers in Human Neuroscience</i> , 2022, 16, 862443.	1.0	5
9597	Magnetic resonance imaging and diffusion tensor imaging reconstruction of connectomes in a macropod, the quokka (<i>Setonix brachyurus</i>). <i>Journal of Comparative Neurology</i> , 2022, , .	0.9	0
9598	Different patterns of association between white matter microstructure and plasma unsaturated fatty acids in those with high risk for psychosis and healthy participants. <i>Annals of General Psychiatry</i> , 2022, 35, e100703.	1.1	2
9599	Brain Network Allostasis after Chronic Alcohol Drinking Is Characterized by Functional Dedifferentiation and Narrowing. <i>Journal of Neuroscience</i> , 2022, 42, 4401-4413.	1.7	8
9600	Hyperglycemia and hyperinsulinemia effects on anterior cingulate cortex myoinositol&relation to brain network functional connectivity in healthy adults. <i>Journal of Neurophysiology</i> , 2022, 127, 1426-1437.	0.9	3
9601	Differences in electric field strength between clinical and non-clinical populations induced by prefrontal tDCS: A cross-diagnostic, individual MRI-based modeling study. <i>NeuroImage: Clinical</i> , 2022, 34, 103011.	1.4	13
9602	Diagnostic efficacy of the magnetic resonance T1w/T2w ratio for the middle cerebellar peduncle in multiple system atrophy and spinocerebellar ataxia: A preliminary study. <i>PLoS ONE</i> , 2022, 17, e0267024.	1.1	1

#	ARTICLE	IF	CITATIONS
9603	Impact of thresholding on the consistency and sensitivity of diffusion MRI-based brain networks in patients with cerebral small vessel disease. <i>Brain and Behavior</i> , 2022, , e2523.	1.0	1
9604	Thalamocortical functional connectivity in infants with prenatal opioid exposure correlates with severity of neonatal opioid withdrawal syndrome. <i>Neuroradiology</i> , 2022, 64, 1649-1659.	1.1	9
9605	Deep Brain Stimulation: Emerging Tools for Simulation, Data Analysis, and Visualization. <i>Frontiers in Neuroscience</i> , 2022, 16, 834026.	1.4	7
9606	Entropy Could Quantify Brain Activation Induced by Mechanical Impedance-Restrained Active Arm Motion: A Functional NIRS Study. <i>Entropy</i> , 2022, 24, 556.	1.1	0
9608	Processing of linguistic deixis in people with schizophrenia, with and without auditory verbal hallucinations. <i>NeuroImage: Clinical</i> , 2022, 34, 103007.	1.4	3
9609	Resting state networks mediate the association between both cardiovascular fitness and gross motor skills with neurocognitive functioning. <i>Child Development</i> , 2022, 93, .	1.7	3
9611	Disruption of the brain-oesophagus axis in obese patients with heartburn. <i>Ecological Management and Restoration</i> , 2022, , .	0.2	2
9612	The Structural and Functional Correlates of Frailty in Persons With Human Immunodeficiency Virus. <i>Clinical Infectious Diseases</i> , 2022, 75, 1740-1746.	2.9	4
9613	Landmark-guided region-based spatial normalization for functional magnetic resonance imaging. <i>Human Brain Mapping</i> , 2022, 43, 3524-3544.	1.9	4
9614	Alcohol- and non-alcohol-related interference: An fMRI study of treatment-seeking adults with alcohol use disorder. <i>Drug and Alcohol Dependence</i> , 2022, 235, 109462.	1.6	3
9615	Integrating neuroimaging and gene expression data using the imaging transcriptomics toolbox. <i>STAR Protocols</i> , 2022, 3, 101315.	0.5	4
9616	BOLD fMRI: an update with emphasis on pediatric applications. , 0, , 281-295.		0
9774	Brain volumes and white matter microstructure in 8- to 10-year-old children born with fetal growth restriction. <i>Pediatric Radiology</i> , 2022, 52, 2388-2400.	1.1	4
9775	Cortico-amygdalar connectivity and externalizing/internalizing behavior in children with neurodevelopmental disorders. <i>Brain Structure and Function</i> , 2022, 227, 1963-1979.	1.2	3
9776	Fibre tract segmentation for intraoperative diffusion MRI in neurosurgical patients using tract-specific orientation atlas and tumour deformation modelling. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2022, 17, 1559-1567.	1.7	3
9777	Radiographic Response Assessment Strategies for Early-Phase Brain Trials in Complex Tumor Types and Drug Combinations: from Digital "Flipbooks" to Control Systems Theory. <i>Neurotherapeutics</i> , 2022, 19, 1855-1868.	2.1	1
9778	CNS imaging characteristics in fibromyalgia patients with and without peripheral nerve involvement. <i>Scientific Reports</i> , 2022, 12, 6707.	1.6	9
9779	The Role of the Insula in Classical and Dissociative PTSD: A Double Case Study. <i>Neurocase</i> , 2022, 28, 140-148.	0.2	0

#	ARTICLE	IF	CITATIONS
9780	Traumatic trigeminal neuropathy after whiplash injury. <i>Medicine (United States)</i> , 2022, 101, e29012.	0.4	1
9781	The lateral entorhinal cortex is a hub for local and global dysfunction in early Alzheimer's disease states. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 1616-1631.	2.4	6
9782	Brain magnetic resonance imaging findings and brain volumetric differences in a large series of benign rolandic epilepsy. <i>Neuroradiology Journal</i> , 2022, 35, 692-700.	0.6	1
9783	GAT-FD: An integrated MATLAB toolbox for graph theoretical analysis of task-related functional dynamics. <i>PLoS ONE</i> , 2022, 17, e0267456.	1.1	2
9784	Callosal Fiber Length Scales with Brain Size According to Functional Lateralization, Evolution, and Development. <i>Journal of Neuroscience</i> , 2022, 42, 3599-3610.	1.7	9
9786	Integrative visualization of temporally varying medical image patterns. <i>Journal of Integrative Bioinformatics</i> , 2011, 8, 161.	1.0	0
9787	Six Months of Piano Training in Healthy Elderly Stabilizes White Matter Microstructure in the Fornix, Compared to an Active Control Group. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 817889.	1.7	12
9788	Suicidal Ideation Is Associated With Reduced Functional Connectivity and White Matter Integrity in Drug-Naïve Patients With Major Depression. <i>Frontiers in Psychiatry</i> , 2022, 13, 838111.	1.3	5
9791	Deep Generative Analysis for Task-Based Functional MRI Experiments.. <i>Proceedings of Machine Learning Research</i> , 2021, 149, 146-175.	0.3	0
9792	The Effects of Nicotine and Cannabis Co-Use During Late Adolescence on White Matter Fiber Tract Microstructure.. <i>Journal of Studies on Alcohol and Drugs</i> , 2022, 83, 287-295.	0.6	0
9793	Advanced diffusion imaging to track progression in Parkinson's disease, multiple system atrophy, and progressive supranuclear palsy. <i>NeuroImage: Clinical</i> , 2022, 34, 103022.	1.4	12
9794	Network-specific selectivity of functional connections in the neonatal brain. <i>Cerebral Cortex</i> , 2023, 33, 2200-2214.	1.6	13
9795	Brain Connectivity Based Graph Convolutional Networks and Its Application to Infant Age Prediction. <i>IEEE Transactions on Medical Imaging</i> , 2022, 41, 2764-2776.	5.4	10
9796	Discriminative Representation Learning for Rigid Registration of Diffusion-Weighted MR Images. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
9797	Liver-Buda-Sage: Simultaneous Whole Liver T ₂ and T [*] Mapping in one Breath-Hold. , 2022, , .		1
9798	The Epidermal Growth Factor Domain of the Mutation Does Not Appear to Influence Disease Progression in CADASIL When Brain Volume and Sex Are Taken into Account. <i>American Journal of Neuroradiology</i> , 2022, , .	1.2	1
9800	Cognitive outcome is related to functional thalamo-cortical connectivity after paediatric stroke. <i>Brain Communications</i> , 2022, 4, .	1.5	2
9801	Neuroimaging Parameters Are Not Associated With Chronic Post-stroke Fatigue in Young Stroke Patients. <i>Frontiers in Neurology</i> , 2022, 13, 831357.	1.1	2

#	ARTICLE	IF	CITATIONS
9802	Cerebrospinal Fluid sTREM2 Has Paradoxical Association with Brain Structural Damage Rate in Early- and Late-Stage Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2022, 88, 117-126.	1.2	1
9805	Gait Abnormalities in Parkinson's Disease Are Associated with Extracellular Free-Water Characteristics in the Substantia Nigra. <i>Journal of Parkinson's Disease</i> , 2022, 12, 1575-1590.	1.5	4
9806	Regularized Functional Connectivity in Schizophrenia. <i>Frontiers in Human Neuroscience</i> , 2022, 16, .	1.0	1
9807	Free water diffusion MRI and executive function with a speed component in healthy aging. <i>NeuroImage</i> , 2022, 257, 119303.	2.1	7
9809	Individual Watershed Areas in Sickle Cell Anemia: An Arterial Spin Labeling Study. <i>Frontiers in Physiology</i> , 2022, 13, 865391.	1.3	8
9810	Using deep clustering to improve fMRI dynamic functional connectivity analysis. <i>NeuroImage</i> , 2022, 257, 119288.	2.1	7
9811	Neonatal Pain, Opioid, and Anesthetic Exposure; What Remains in the Human Brain After the Wheels of Time?. <i>Frontiers in Pediatrics</i> , 2022, 10, .	0.9	2
9813	Dissociable multi-scale patterns of development in personalized brain networks. <i>Nature Communications</i> , 2022, 13, 2647.	5.8	27
9814	The solitary nucleus connectivity to key autonomic regions in humans. <i>European Journal of Neuroscience</i> , 2022, 56, 3938-3966.	1.2	4
9816	Combining fMRI and DISC1 gene haplotypes to understand working memory-related brain activity in schizophrenia. <i>Scientific Reports</i> , 2022, 12, 7351.	1.6	0
9817	Evolution of Neuroimaging Findings in Severe COVID-19 Patients with Initial Neurological Impairment: An Observational Study. <i>Viruses</i> , 2022, 14, 949.	1.5	13
9818	The Dorsal Visual Pathway Represents Object-Centered Spatial Relations for Object Recognition. <i>Journal of Neuroscience</i> , 2022, 42, 4693-4710.	1.7	25
9819	Thalamo-hippocampal dysconnectivity is associated with serum cholesterol level in drug-naïve patients with first-episode schizophrenia. <i>Journal of Psychiatric Research</i> , 2022, 151, 497-506.	1.5	2
9820	Altered functional connectivity in children born very preterm at school age. <i>Scientific Reports</i> , 2022, 12, 7308.	1.6	4
9821	Diffusion-relaxation scattered MR signal representation in a multi-parametric sequence. <i>Magnetic Resonance Imaging</i> , 2022, , .	1.0	1
9822	Abnormalities of Structural Brain Connectivity in Pediatric Brain Tumor Survivors. <i>Neuro-Oncology Advances</i> , 0, , .	0.4	0
9823	Metacognition and mentalizing are associated with distinct neural representations of decision uncertainty. <i>PLoS Biology</i> , 2022, 20, e3001301.	2.6	8
9825	Reproducibility of the Standard Model of diffusion in white matter on clinical MRI systems. <i>NeuroImage</i> , 2022, 257, 119290.	2.1	15

#	ARTICLE	IF	CITATIONS
9826	Phenotypic and genetic associations between gray matter covariation and tool use skill in chimpanzees (<i>Pan troglodytes</i>): Repeatability in two genetically isolated populations. <i>NeuroImage</i> , 2022, 257, 119292.	2.1	1
9827	White matter integrity in adolescent irritability: A preliminary study. <i>Psychiatry Research - Neuroimaging</i> , 2022, , 111491.	0.9	2
9828	Static magnetic field stimulation over motor cortex modulates resting functional connectivity in humans. <i>Scientific Reports</i> , 2022, 12, 7834.	1.6	2
9829	Age-related differences in ventral striatal and default mode network function during reciprocated trust. <i>NeuroImage</i> , 2022, 256, 119267.	2.1	7
9830	Bridging the gap between constrained spherical deconvolution and diffusional variance decomposition via tensor-valued diffusion MRI. <i>Medical Image Analysis</i> , 2022, 79, 102476.	7.0	0
9831	Variability of regional glucose metabolism and the topology of functional networks in the human brain. <i>NeuroImage</i> , 2022, 257, 119280.	2.1	7
9832	Markers of emotion regulation processes: A neuroimaging and behavioral study of reappraising abilities. <i>Biological Psychology</i> , 2022, 171, 108349.	1.1	5
9833	Establishing an MRI-Based Protocol and Atlas of the Bearded Dragon (<i>Pogona vitticeps</i>) Brain. <i>Frontiers in Veterinary Science</i> , 2022, 9, .	0.9	1
9834	BDNF and KIBRA Polymorphisms Are Related to Altered Resting State Network Connectivity in Middle Age. <i>Journal of Alzheimer's Disease</i> , 2021, , 1-12.	1.2	0
9835	Change in Latent Gray-Matter Structural Integrity Is Associated With Change in Cardiovascular Fitness in Older Adults Who Engage in At-Home Aerobic Exercise. <i>Frontiers in Human Neuroscience</i> , 2022, 16, .	1.0	8
9836	Disruptions in Structural and Functional Connectivity Relate to Poststroke Fatigue. <i>Brain Connectivity</i> , 2023, 13, 15-27.	0.8	6
9837	Perspective-Taking is Associated with Increased Discriminability of Affective States in Ventromedial Prefrontal Cortex. <i>Social Cognitive and Affective Neuroscience</i> , 2022, , .	1.5	0
9838	Standardization of presurgical language fMRI in Greek population: Mapping of six critical regions. <i>Brain and Behavior</i> , 2022, 12, e2609.	1.0	4
9839	The COMPLETE trial: Holistic early response assessment for oropharyngeal cancer patients; Protocol for an observational study. <i>BMJ Open</i> , 2022, 12, e059345.	0.8	0
9840	Global changes in diffusion tensor imaging during acute ischemic stroke and post-stroke cognitive performance. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 1854-1866.	2.4	5
9841	White matter microstructural and morphometric alterations in autism: implications for intellectual capabilities. <i>Molecular Autism</i> , 2022, 13, 21.	2.6	5
9842	Evidence for the Normalization Effects of Medication for Opioid Use Disorder on Functional Connectivity in Neonates with Prenatal Opioid Exposure. <i>Journal of Neuroscience</i> , 2022, 42, 4555-4566.	1.7	2
9843	Investigating Brain White Matter in Football Players with and without Concussion Using a Biophysical Model from Multishell Diffusion MRI. <i>American Journal of Neuroradiology</i> , 2022, 43, 823-828.	1.2	3

#	ARTICLE	IF	CITATIONS
9844	Potential Diffusion Tensor Imaging Biomarkers for Elucidating Intra-Individual Age-Related Changes in Cognitive Control and Processing Speed. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 850655.	1.7	1
9845	Longitudinal changes of ADHD symptoms in association with white matter microstructure: A tract-specific fixel-based analysis. <i>NeuroImage: Clinical</i> , 2022, 35, 103057.	1.4	5
9848	EPI susceptibility correction introduces significant differences far from local areas of high distortion. <i>Magnetic Resonance Imaging</i> , 2022, 92, 1-9.	1.0	4
9849	Microvascular Impairment in Patients With Cerebral Small Vessel Disease Assessed With Arterial Spin Labeling Magnetic Resonance Imaging: A Pilot Study. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, .	1.7	5
9850	Effects of Vascular Comorbidity on Cognition in Multiple Sclerosis Are Partially Mediated by Changes in Brain Structure. <i>Frontiers in Neurology</i> , 2022, 13, .	1.1	11
9851	Biclustering fMRI time series: a comparative study. <i>BMC Bioinformatics</i> , 2022, 23, .	1.2	7
9853	Imagedata: A Python library to handle medical image data in NumPy array subclass Series. <i>Journal of Open Source Software</i> , 2022, 7, 4133.	2.0	2
9854	Investigating Early Adolescent Sex Differences in Hippocampal and Amygdala Volumes, Sleep Quality and Psychological Distress. <i>Journal of Early Adolescence</i> , 2023, 43, 360-378.	1.1	1
9855	Focal thalamocortical circuit abnormalities in sleep related epilepsy caused by focal cortical dysplasia type II. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2022, 99, 153-158.	0.9	0
9856	A mice resting-state functional magnetic resonance imaging dataset on the effects of medetomidine dosages and prior-stimulation on functional connectivity. <i>Data in Brief</i> , 2022, 42, 108279.	0.5	0
9857	The influence of white matter lesions on the electric field in transcranial electric stimulation. <i>NeuroImage: Clinical</i> , 2022, 35, 103071.	1.4	4
9858	Alcohol consumption and MRI markers of brain structure and function: Cohort study of 25,378 UK Biobank participants. <i>NeuroImage: Clinical</i> , 2022, 35, 103066.	1.4	14
9859	Association of balance control mechanisms with brain structural integrity in older adults with mild cognitive impairment. <i>Neuroscience Letters</i> , 2022, , 136699.	1.0	4
9861	Altered Brain Volume, Microstructure Metrics and Functional Connectivity Features in Multiple System Atrophy. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	4
9862	Hippocampal Contribution to Probabilistic Feedback Learning: Modeling Observation- and Reinforcement-based Processes. <i>Journal of Cognitive Neuroscience</i> , 2022, 34, 1429-1446.	1.1	1
9863	Prevalence and Predictors of Vascular Cognitive Impairment in Patients With CADASIL. <i>Neurology</i> , 2022, 99, .	1.5	13
9865	Neuropathology of Pediatric SARS-CoV-2 Infection in the Forensic Setting: Novel Application of Ex Vivo Imaging in Analysis of Brain Microvasculature. <i>Frontiers in Neurology</i> , 2022, 13, .	1.1	8
9867	Altered thalamic connectivity due to focused ultrasound thalamotomy in patients with essential tremor. <i>World Neurosurgery</i> , 2022, , .	0.7	2

#	ARTICLE	IF	CITATIONS
9869	Association of <i>NOTCH3</i> Variant Position With Stroke Onset and Other Clinical Features Among Patients With CADASIL. <i>Neurology</i> , 2022, 99, .	1.5	11
9870	The Hyperintense study: Assessing the effects of induced blood pressure increase and decrease on MRI markers of cerebral small vessel disease: Study rationale and protocol. <i>European Stroke Journal</i> , 2022, 7, 331-338.	2.7	2
9871	IVIM Imaging of Paraspinal Muscles Following Moderate and High-Intensity Exercise in Healthy Individuals. <i>Frontiers in Rehabilitation Sciences</i> , 2022, 3, .	0.5	1
9872	Mapping of Structure-Function Age-Related Connectivity Changes on Cognition Using Multimodal MRI. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	3
9873	Multimodal data fusion of cortical-subcortical morphology and functional network connectivity in psychotic spectrum disorder. <i>NeuroImage: Clinical</i> , 2022, 35, 103056.	1.4	5
9874	Deep Learning Super-resolution MR Spectroscopic Imaging of Brain Metabolism and Mutant IDH Glioma. <i>Neuro-Oncology Advances</i> , 0, , .	0.4	2
9875	The effects of repetitive transcranial magnetic stimulation and aerobic exercise on cognition, balance and functional brain networks in patients with Alzheimer's disease. <i>Cognitive Neurodynamics</i> , 2023, 17, 39-61.	2.3	8
9876	White matter microstructure and the clinical risk for psychosis: A diffusion tensor imaging study of individuals with basic symptoms and at ultra-high risk. <i>NeuroImage: Clinical</i> , 2022, 35, 103067.	1.4	7
9877	Episodic memory in progressive supranuclear palsy: a neuropsychological and neuroimaging study. <i>Neurological Sciences</i> , 0, , .	0.9	1
9878	Correcting the reward imbalance in binge eating: A pilot randomized trial of reward re-training treatment. <i>Appetite</i> , 2022, 176, 106103.	1.8	8
9879	Evaluating reproducibility and subject-specificity of microstructure-informed connectivity. <i>NeuroImage</i> , 2022, 258, 119356.	2.1	4
9880	Tract-Based Spatial Statistics Analysis of Diffusion Tensor Imaging in Older Adults After the PICMOR Intervention Program: A Pilot Study. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	5
9881	Visual Attention and Poor Sleep Quality. <i>Frontiers in Neuroscience</i> , 2022, 16, .	1.4	1
9882	Neuroplasticity Mechanisms in Frontal Brain Gliomas: A Preliminary Study. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	6
9883	A shared cognitive and neural basis underpinning cognitive apathy and planning in behavioural-variant frontotemporal dementia and Alzheimer's disease. <i>Cortex</i> , 2022, 154, 241-253.	1.1	9
9884	Modelling the laminar connectome of the human brain. <i>Brain Structure and Function</i> , 2022, 227, 2153-2165.	1.2	5
9885	Participation of visual association areas in social processing emerges when rTPJ is inhibited. <i>ENeurologicalSci</i> , 2022, 27, 100407.	0.5	0
9886	Quantitative assessment of training effects using EksoGT [®] exoskeleton in Parkinson's disease patients: A randomized single blind clinical trial. <i>Contemporary Clinical Trials Communications</i> , 2022, 28, 100926.	0.5	3

#	ARTICLE	IF	CITATIONS
9887	Electroencephalogram in low-risk term newborns predicts neurodevelopmental metrics at age two years. <i>Clinical Neurophysiology</i> , 2022, 140, 21-28.	0.7	1
9892	Assessment of intraoperative diffusion EPI distortion and its impact on estimation of supratentorial white matter tract positions in pediatric epilepsy surgery. <i>NeuroImage: Clinical</i> , 2022, 35, 103097.	1.4	5
9893	Visual Alertness and Brain Diffusion Tensor Imaging at Term Age Predict Neurocognitive Development at Preschool Age in Extremely Preterm-Born Children. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
9894	Sex differences in the taste-evoked functional connectivity network. <i>Chemical Senses</i> , 2022, 47, .	1.1	1
9895	In vivo myelin imaging and tissue microstructure in white matter hyperintensities and perilesional white matter. <i>Brain Communications</i> , 2022, 4, .	1.5	8
9896	NeoRS: A Neonatal Resting State fMRI Data Preprocessing Pipeline. <i>Frontiers in Neuroinformatics</i> , 0, 16, .	1.3	0
9897	A comparison of intracranial volume estimation methods and their cross-sectional and longitudinal associations with age. <i>Human Brain Mapping</i> , 2022, 43, 4620-4639.	1.9	9
9898	White Matter Correlates of Early-Onset Bipolar Illness and Predictors of One-Year Recurrence of Depression in Adults with Bipolar Disorder. <i>Journal of Clinical Medicine</i> , 2022, 11, 3432.	1.0	0
9899	Multicompartmental models and diffusion abnormalities in paediatric mild traumatic brain injury. <i>Brain</i> , 2022, 145, 4124-4137.	3.7	3
9900	Mediation of Tremor Control by the Decussating and Nondecussating Part of the Dentato-Rubro-Thalamic Tract in Deep Brain Stimulation in Essential Tremor: Which Part Should Be Stimulated?. <i>Neuromodulation</i> , 2023, 26, 1668-1679.	0.4	4
9901	Transcallosal and Corticospinal White Matter Disease and Its Association With Motor Impairment in Multiple Sclerosis. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	2
9902	Dissociating the functional roles of arcuate fasciculus subtracts in speech production. <i>Cerebral Cortex</i> , 2023, 33, 2539-2547.	1.6	7
9903	Acute Magnetic Resonance Imaging Predictors of Chronic Motor Function and Tissue Sparing in Rat Cervical Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2022, 39, 1727-1740.	1.7	7
9904	Neurocognitive correlates of numerical abilities in Parkinson's disease. <i>Neurological Sciences</i> , 2022, 43, 5313-5322.	0.9	1
9906	Brain disconnectome mapping derived from white matter lesions and serum neurofilament light levels in multiple sclerosis: A longitudinal multicenter study. <i>NeuroImage: Clinical</i> , 2022, 35, 103099.	1.4	8
9907	A geometric view of signal sensitivity metrics in multi-echo fMRI. <i>NeuroImage</i> , 2022, 259, 119409.	2.1	1
9908	Functional Connectivity Dynamics Altered of the Resting Brain in Subjective Cognitive Decline. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	6
9909	Sensory modality and spoken language shape reading network in blind readers of Braille. <i>Cerebral Cortex</i> , 2023, 33, 2426-2440.	1.6	7

#	ARTICLE	IF	CITATIONS
9911	Hebbian activity-dependent plasticity in white matter. <i>Cell Reports</i> , 2022, 39, 110951.	2.9	10
9912	Brain effect of bariatric surgery in people with obesity. <i>International Journal of Obesity</i> , 2022, 46, 1671-1677.	1.6	11
9913	Dissociation between individual differences in self-reported pain intensity and underlying fMRI brain activation. <i>Nature Communications</i> , 2022, 13, .	5.8	14
9914	Aberrant impulse control circuitry in obesity. <i>Molecular Psychiatry</i> , 2022, 27, 3374-3384.	4.1	6
9915	Functional alterations in large-scale resting-state networks of amyotrophic lateral sclerosis: A multi-site study across Canada and the United States. <i>PLoS ONE</i> , 2022, 17, e0269154.	1.1	8
9916	Role of right temporoparietal junction for counterfactual evaluation of partner's decision in ultimatum game. <i>Cerebral Cortex</i> , 2023, 33, 2947-2957.	1.6	5
9917	Neural mechanisms of intergroup exclusion and retaliatory aggression. <i>Social Neuroscience</i> , 2022, 17, 339-351.	0.7	2
9918	Increased brain volumetric measurement precision from multi-site 3D T1-weighted 3T magnetic resonance imaging by correcting geometric distortions. <i>Magnetic Resonance Imaging</i> , 2022, 92, 150-160.	1.0	1
9920	Long-term Meditation Training Is Associated with Enhanced Subjective Attention and Stronger Posterior Cingulate-Rostrolateral Prefrontal Cortex Resting Connectivity. <i>Journal of Cognitive Neuroscience</i> , 2022, 34, 1576-1589.	1.1	4
9922	Residential green space and air pollution are associated with brain activation in a social-stress paradigm. <i>Scientific Reports</i> , 2022, 12, .	1.6	8
9923	Neural correlates of referential/persecutory delusions in schizophrenia: examination using fMRI and a virtual reality underground travel paradigm. <i>Psychological Medicine</i> , 0, , 1-8.	2.7	0
9924	Lag-Optimized Blood Oxygenation Level Dependent Cerebrovascular Reactivity Estimates Derived From Breathing Task Data Have a Stronger Relationship With Baseline Cerebral Blood Flow. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	1
9925	Mnemonic construction and representation of temporal structure in the hippocampal formation. <i>Nature Communications</i> , 2022, 13, .	5.8	19
9927	Injury of the vestibulocerebellar tract in a patient with intracerebral hemorrhage: A case report. <i>Neuroscience Letters</i> , 2022, 783, 136723.	1.0	1
9928	Emotional faces interfere with saccadic inhibition and attention re-orientation: An fMRI study. <i>Neuropsychologia</i> , 2022, 173, 108300.	0.7	1
9929	Structural connectivity and intelligence in brain-injured children. <i>Neuropsychologia</i> , 2022, 173, 108285.	0.7	1
9930	Neural activity in trigeminal neuralgia patients with sensory and motor stimulations: A pilot functional MRI study. <i>Clinical Neurology and Neurosurgery</i> , 2022, 219, 107343.	0.6	0
9931	Functional connectomes become more longitudinally self-stable, but not more distinct from others, across early childhood. <i>NeuroImage</i> , 2022, 258, 119367.	2.1	3

#	ARTICLE	IF	CITATIONS
9932	Neuroimaging, Neural Population Models for. , 2022, , 2256-2281.		0
9933	Changes in resting-state functional connectivity in patients with congenital adrenal hyperplasia. <i>NeuroImage: Clinical</i> , 2022, 35, 103081.	1.4	1
9934	The Open-Access European Prevention of Alzheimer's Dementia (EPAD) MRI dataset and processing workflow. <i>NeuroImage: Clinical</i> , 2022, 35, 103106.	1.4	9
9935	Anisotropic mechanical properties in the healthy human brain estimated with multi-excitation transversely isotropic MR elastography. <i>Brain Multiphysics</i> , 2022, 3, 100051.	0.8	12
9936	Structural connectome-based prediction of trait anxiety. <i>Brain Imaging and Behavior</i> , 2022, 16, 2467-2476.	1.1	3
9937	Diffusion-derived parameters in lesions, peri-lesion and normal-appearing white matter in multiple sclerosis using tensor, kurtosis and fixel-based analysis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 2095-2106.	2.4	2
9938	Quantification of individual remyelination during short-term disease course by synthetic magnetic resonance imaging. <i>Brain Communications</i> , 0, , .	1.5	0
9940	Left Frontal White Matter Links to Rhythm Processing Relevant to Speech Production in Apraxia of Speech. <i>Neurobiology of Language (Cambridge, Mass)</i> , 2022, 3, 515-537.	1.7	2
9941	Highly accelerated <sc>EPI</sc> with wave encoding and multi-shot simultaneous multislice imaging. <i>Magnetic Resonance in Medicine</i> , 2022, 88, 1180-1197.	1.9	3
9942	Detection of Transcranial Alternating Current Stimulation Aftereffects Is Improved by Considering the Individual Electric Field Strength and Self-Rated Sleepiness. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	5
9945	High Resolution Ex Vivo Diffusion Tensor Distribution MRI of Neural Tissue. <i>Frontiers in Physics</i> , 0, 10, .	1.0	0
9947	Comparing human and chimpanzee temporal lobe neuroanatomy reveals modifications to human language hubs beyond the frontotemporal arcuate fasciculus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	15
9948	Masked features of task states found in individual brain networks. <i>Cerebral Cortex</i> , 2023, 33, 2879-2900.	1.6	7
9950	NRN1 Gene as a Potential Marker of Early-Onset Schizophrenia: Evidence from Genetic and Neuroimaging Approaches. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7456.	1.8	2
9952	Derin Ğrenme ile Alzheimer Hastalığı Teşhis Model Ğnerisi. <i>European Journal of Science and Technology</i> , 0, , .	0.5	0
9954	Insights from auditory cortex for GABA+ magnetic resonance spectroscopy studies of aging. <i>European Journal of Neuroscience</i> , 2022, 56, 4425-4444.	1.2	2
9955	Negative schizophrenic symptoms as prefrontal cortex dysfunction: Examination using a task measuring goal neglect. <i>NeuroImage: Clinical</i> , 2022, 35, 103119.	1.4	5
9956	Altered <sc>MRI</sc> Diffusion Properties of the White Matter Tracts Connecting Frontal and Thalamic Brain Regions in First Episode, Drug Naive Patients With Postpartum Depression. <i>Journal of Magnetic Resonance Imaging</i> , 2023, 57, 899-906.	1.9	7

#	ARTICLE	IF	CITATIONS
9957	Prediction of high and low disease activity in early MS patients using multiple kernel learning identifies importance of lateral ventricle intensity. <i>Multiple Sclerosis Journal - Experimental, Translational and Clinical</i> , 2022, 8, 205521732211097.	0.5	3
9958	Extensive Connections of the Canine Olfactory Pathway Revealed by Tractography and Dissection. <i>Journal of Neuroscience</i> , 2022, 42, 6392-6407.	1.7	12
9960	Altered white matter microstructure and neurocognitive function of HIV-infected patients with low nadir CD4. <i>Journal of NeuroVirology</i> , 2022, 28, 355-366.	1.0	3
9961	Reduced fractional anisotropy in bipolar disorder <i>v.</i> major depressive disorder independent of current symptoms. <i>Psychological Medicine</i> , 2023, 53, 4592-4602.	2.7	2
9962	Associations of White Matter and Basal Ganglia Microstructure to Cognitive Fatigue Rate in Multiple Sclerosis. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	2
9963	A functional neuroimaging association study on the interplay between two schizophrenia genome-wide associated genes (CACNA1C and ZNF804A). <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2022, 272, 1229-1239.	1.8	3
9964	Interindividual variability in functional connectivity discovers differential development of cognition and transdiagnostic dimensions of psychopathology in youth. <i>NeuroImage</i> , 2022, 260, 119482.	2.1	6
9965	Novelty and uncertainty regulate the balance between exploration and exploitation through distinct mechanisms in the human brain. <i>Neuron</i> , 2022, 110, 2691-2702.e8.	3.8	17
9966	Age-related changes in diffuse optical tomography sensitivity profiles from childhood to adulthood. <i>Journal of Biomedical Optics</i> , 2022, 27, .	1.4	2
9968	Evidence suggesting common mechanisms underlie contralateral and ipsilateral negative BOLD responses in the human visual cortex. <i>NeuroImage</i> , 2022, 262, 119440.	2.1	1
9969	Quantitative comparison of corticospinal tracts arising from different cortical areas in humans. <i>Neuroscience Research</i> , 2022, 183, 30-49.	1.0	6
9970	Altered topological properties of white matter structural network in adults with autism spectrum disorder. <i>Asian Journal of Psychiatry</i> , 2022, 75, 103211.	0.9	7
9971	The effects of polyunsaturated fatty acid (PUFA) administration on the microbiome-gut-brain axis in adolescents with anorexia nervosa (the MiGBAN study): study protocol for a longitudinal, double-blind, randomized, placebo-controlled trial. <i>Trials</i> , 2022, 23, .	0.7	2
9973	Reproducibility and repeatability of magnetic resonance imaging in dementia. <i>Physica Medica</i> , 2022, 101, 8-17.	0.4	4
9974	Long-term effects of defoliant exposure on brain atrophy progression in humans. <i>NeuroToxicology</i> , 2022, 92, 25-32.	1.4	4
9975	Structural network alterations induced by ART-naive and ART-treated subjects infected with HIV. <i>Biochemical and Biophysical Research Communications</i> , 2022, 622, 115-121.	1.0	1
9976	Early life stress, systemic inflammation, and neural correlates of implicit emotion regulation in adolescents. <i>Brain, Behavior, and Immunity</i> , 2022, 105, 169-179.	2.0	11
9977	Deep reinforcement learning guided graph neural networks for brain network analysis. <i>Neural Networks</i> , 2022, 154, 56-67.	3.3	24

#	ARTICLE	IF	CITATIONS
9978	Structural connections between the noradrenergic and cholinergic system shape the dynamics of functional brain networks. <i>NeuroImage</i> , 2022, 260, 119455.	2.1	12
9979	Identification of metabolic correlates of mild cognitive impairment in Parkinson's disease using magnetic resonance spectroscopic imaging and machine learning. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 0, , .	1.1	0
9980	Multimodal fusion analysis of functional, cerebrovascular and structural neuroimaging in healthy aging subjects. <i>Human Brain Mapping</i> , 2022, 43, 5490-5508.	1.9	6
9981	Multimodal anatomy of the human fornical commissure. <i>Communications Biology</i> , 2022, 5, .	2.0	0
9982	Aging Effect, Reproducibility, and Testâ€“Retest Reliability of a New Cerebral Amyloid Angiopathy <scp>MRI</scp> Severity Markerâ€“Cerebrovascular Reactivity to Visual Stimulation. <i>Journal of Magnetic Resonance Imaging</i> , 0, , .	1.9	3
9983	Functional connectivity in the dorsal network of the cervical spinal cord is correlated with diffusion tensor imaging indices in relapsing-remitting multiple sclerosis. <i>NeuroImage: Clinical</i> , 2022, 35, 103127.	1.4	5
9985	Feature-Based Attention Multiplicatively Scales the fMRI-BOLD Contrast-Response Function. <i>Journal of Neuroscience</i> , 2022, 42, 6894-6906.	1.7	3
9986	Disentangling the effects of Alzheimerâ€™s and small vessel disease on white matter fibre tracts. <i>Brain</i> , 2023, 146, 678-689.	3.7	14
9987	Reinforcement learning with associative or discriminative generalization across states and actions: fMRI at 3Âˆ and 7Âˆ. <i>Human Brain Mapping</i> , 2022, 43, 4750-4790.	1.9	5
9988	Reproducing FSL's fMRI data analysis via Nipype: Relevance, challenges, and solutions. , 0, 1, .		0
9989	Altered brain network topology in children with auditory processing disorder: A resting-state multi-echo fMRI study. <i>NeuroImage: Clinical</i> , 2022, 35, 103139.	1.4	4
9990	Brain atrophy measurement over a MRI scanner change in multiple sclerosis. <i>NeuroImage: Clinical</i> , 2022, 36, 103148.	1.4	3
9992	Characterization of the angular gyrus in an older adult population: a multimodal multilevel approach. <i>Brain Structure and Function</i> , 2023, 228, 83-102.	1.2	4
9993	Resting-State Functional Connectivity Characteristics of Resilience to Traumatic Stress in Dutch Police Officers. <i>Frontiers in Behavioral Neuroscience</i> , 0, 16, .	1.0	0
9994	Whole-brain perfusion mapping in mice by dynamic BOLD MRI with transient hypoxia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 2270-2286.	2.4	7
9995	Chemogenetic Disconnection between the Orbitofrontal Cortex and the Rostromedial Caudate Nucleus Disrupts Motivational Control of Goal-Directed Action. <i>Journal of Neuroscience</i> , 2022, 42, 6267-6275.	1.7	7
9996	Factors associated with MRI success in children cooled for neonatal encephalopathy and controls. <i>Pediatric Research</i> , 2023, 93, 1017-1023.	1.1	4
9997	First Trimester Dexamethasone Treatment Is Not Associated With Alteration in Resting-state Connectivity at Adolescent or Adult Age. <i>Journal of Clinical Endocrinology and Metabolism</i> , 0, , .	1.8	2

#	ARTICLE	IF	CITATIONS
9998	Mindfulness Training Changes Brain Dynamics During Depressive Rumination: A Randomized Controlled Trial. <i>Biological Psychiatry</i> , 2023, 93, 233-242.	0.7	12
9999	Selective Cell Size MRI Differentiates Brain Tumors from Radiation Necrosis. <i>Cancer Research</i> , 2022, 82, 3603-3613.	0.4	5
10003	SENSE EPI reconstruction with 2D phase error correction and channel-wise noise removal. <i>Magnetic Resonance in Medicine</i> , 2022, 88, 2157-2166.	1.9	3
10004	Fully Automated Conversion Of Glioma Clinical MRI Scans Into A 3D Virtual Reality Model For Presurgical Planning. , 2022, , .		1
10005	Dietary adaptation for weight loss maintenance at Yale (DAWLY): Protocol and predictions for a randomized controlled trial. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	0
10006	Food cue reactivity in successful laparoscopic gastric banding: A sham-deflation-controlled pilot study. <i>Frontiers in Human Neuroscience</i> , 0, 16, .	1.0	0
10007	Longitudinal Structural MRI Data Prediction in Nondemented and Demented Older Adults via Generative Adversarial Convolutional Network. <i>Neural Processing Letters</i> , 2023, 55, 989-999.	2.0	2
10009	Cingulate cortex morphology impacts on neurofunctional activity and behavioral performance in interference tasks. <i>Scientific Reports</i> , 2022, 12, .	1.6	3
10011	Altered asymmetries of resting-state MRI in the left thalamus of first-episode schizophrenia. <i>Chronic Diseases and Translational Medicine</i> , 2022, 8, 207-217.	0.9	2
10012	Positron Emission Tomography reveals age-associated hypothalamic microglial activation in women. <i>Scientific Reports</i> , 2022, 12, .	1.6	4
10014	Nighttime Sleep Characteristics and White Matter Integrity in Young Adults. <i>Nature and Science of Sleep</i> , 0, Volume 14, 1363-1373.	1.4	1
10015	Emotional numbing in PTSD is associated with lower amygdala reactivity to pain. <i>Neuropsychopharmacology</i> , 2022, 47, 1913-1921.	2.8	2
10016	Global multi-center and multi-modal magnetic resonance imaging study of obsessive-compulsive disorder: Harmonization and monitoring of protocols in healthy volunteers and phantoms. <i>International Journal of Methods in Psychiatric Research</i> , 2023, 32, .	1.1	2
10018	Combining Multiple Indices of Diffusion Tensor Imaging Can Better Differentiate Patients with Traumatic Brain Injury from Healthy Subjects. <i>Neuropsychiatric Disease and Treatment</i> , 0, Volume 18, 1801-1814.	1.0	4
10019	Gumbel-Softmax based Neural Architecture Search for Hierarchical Brain Networks Decomposition. <i>Medical Image Analysis</i> , 2022, 82, 102570.	7.0	3
10020	Interrelating differences in structural and functional connectivity in the older adult's brain. <i>Human Brain Mapping</i> , 2022, 43, 5543-5561.	1.9	6
10021	Preliminary brain-behavioral neural correlates of anterior cruciate ligament injury risk landing biomechanics Using a novel bilateral leg press neuroimaging paradigm. <i>PLoS ONE</i> , 2022, 17, e0272578.	1.1	6
10022	An exploratory study on functional connectivity after mild traumatic brain injury: Preserved global but altered local organization. <i>Brain and Behavior</i> , 2022, 12, .	1.0	7

#	ARTICLE	IF	CITATIONS
10024	Doctor trustworthiness influences pain and its neural correlates in virtual medical interactions. <i>Cerebral Cortex</i> , 2023, 33, 3421-3436.	1.6	4
10025	Brain Differences in Adolescents Living With Perinatally Acquired HIV Compared With Adoption Status Matched Controls. <i>Neurology</i> , 2022, 99, .	1.5	0
10026	Selective blockade of rat brain T-type calcium channels provides insights on neurophysiological basis of arousal dependent resting state functional magnetic resonance imaging signals. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	0
10027	A companion to the preclinical common data elements and case report forms for <i>in vivo</i> rodent Neuroimaging. A report of the TASK3â€¦WG3 Neuroimaging Working Group of the ILAE/AES Joint Translational Task Force. <i>Epilepsia Open</i> , 0, , .	1.3	0
10028	Structural covariance of the ventral visual stream predicts posttraumatic intrusion and nightmare symptoms: a multivariate data fusion analysis. <i>Translational Psychiatry</i> , 2022, 12, .	2.4	11
10030	Modulation of cortical resting state functional connectivity during a visuospatial attention task in Parkinson's disease. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	1
10031	Association of Cerebrovascular and Alzheimer Disease Biomarkers With Cholinergic White Matter Degeneration in Cognitively Unimpaired Individuals. <i>Neurology</i> , 2022, 99, .	1.5	6
10032	Precision dynamical mapping using topological data analysis reveals a hub-like transition state at rest. <i>Nature Communications</i> , 2022, 13, .	5.8	17
10033	Dampened sensory representations for expected input across the ventral visual stream. , 2022, 1, .		4
10034	Mapping early tumor response to radiotherapy using diffusion kurtosis imaging. <i>Neuroradiology Journal</i> , 0, , 197140092211222.	0.6	0
10035	Longitudinal changes in brain activation underlying reading fluency. <i>Human Brain Mapping</i> , 2023, 44, 18-34.	1.9	5
10036	White matter microstructure and longitudinal relaxation time anisotropy in human brain at 3 and 7 T. <i>NMR in Biomedicine</i> , 2023, 36, .	1.6	5
10037	Resting-state functional connectivity does not predict individual differences in the effects of emotion on memory. <i>Scientific Reports</i> , 2022, 12, .	1.6	4
10039	Brain Age Prediction in Developing Childhood with Multimodal Magnetic Resonance Images. <i>Neuroinformatics</i> , 2023, 21, 5-19.	1.5	1
10040	Hippocampal glutathione depletion with enhanced iron level in patients with mild cognitive impairment and Alzheimerâ€™s disease compared with healthy elderly participants. <i>Brain Communications</i> , 2022, 4, .	1.5	16
10041	Sex differences in brain functional connectivity of hippocampus in mild cognitive impairment. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	13
10042	A sex-dependent computer aided diagnosis system for autism spectrum disorder using connectivity of resting-state fMRI. <i>Journal of Neural Engineering</i> , 0, , .	1.8	2
10043	Brainâ€™ phenotype models fail for individuals who defy sample stereotypes. <i>Nature</i> , 2022, 609, 109-118.	13.7	55

#	ARTICLE	IF	CITATIONS
10044	Dynamic spectral signatures of mirror movements in the sensorimotor functional connectivity network of patients with Kallmann syndrome. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	0
10045	In the back of your mind: Cortical mapping of paraspinal afferent inputs. <i>Human Brain Mapping</i> , 2022, 43, 4943-4953.	1.9	2
10046	Why can spontaneous intracranial hypotension cause behavioral changes? A case report and multimodality neuroimaging comparison with frontotemporal dementia. <i>Cortex</i> , 2022, 155, 322-332.	1.1	1
10048	Training intervention effects on cognitive performance and neuronal plasticityâ€”A pilot study. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	0
10049	Differences in orexin-A level in the functional brain network of HUD patients undergoing harm reduction therapy. <i>Medicine (United States)</i> , 2022, 101, e30093.	0.4	1
10050	Cerebral mechanism of Tuina analgesia in management of knee osteoarthritis using multimodal MRI: study protocol for a randomised controlled trial. <i>Trials</i> , 2022, 23, .	0.7	4
10052	Safety of low-intensity repetitive transcranial magnetic brain stimulation for people living with multiple sclerosis (TAURUS): study protocol for a randomised controlled trial. <i>Trials</i> , 2022, 23, .	0.7	3
10053	Remote cortical atrophy and language outcomes after chronic left subcortical stroke with aphasia. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	2
10054	Altered gray matter volume in children with newly diagnosed type 1 diabetes mellitus. <i>Pediatric Research</i> , 0, , .	1.1	0
10056	Widespread cell stress and mitochondrial dysfunction occur in patients with early Alzheimerâ€™s disease. <i>Science Translational Medicine</i> , 2022, 14, .	5.8	24
10057	Polygenic risk scores for antisocial behavior in relation to amygdala morphology across an attention deficit hyperactivity disorder case-control sample with and without disruptive behavior. <i>European Neuropsychopharmacology</i> , 2022, 62, 63-73.	0.3	5
10058	Impact of chronic exposure to legacy environmental contaminants on the corpus callosum microstructure: A diffusion MRI study of Inuit adolescents. <i>NeuroToxicology</i> , 2022, 92, 200-211.	1.4	3
10059	Estimating axial diffusivity in the NODDI model. <i>NeuroImage</i> , 2022, 262, 119535.	2.1	7
10060	Structural and functional network mechanisms of rescuing cognitive control in aging. <i>NeuroImage</i> , 2022, 262, 119547.	2.1	8
10061	Sensory system-specific associations between brain structure and balance. <i>Neurobiology of Aging</i> , 2022, 119, 102-116.	1.5	3
10062	Reproducible protocol to obtain and measure first-order relay human thalamic white-matter tracts. <i>NeuroImage</i> , 2022, 262, 119558.	2.1	8
10063	Brain network for small-scale features in active touch. <i>NeuroImage Reports</i> , 2022, 2, 100123.	0.5	0
10064	Classification of cognitively normal controls, mild cognitive impairment and Alzheimerâ€™s disease using transfer learning approach. <i>Biomedical Signal Processing and Control</i> , 2023, 79, 104092.	3.5	4

#	ARTICLE	IF	CITATIONS
10065	Home language and literacy environment and its relationship to socioeconomic status and white matter structure in infancy. <i>Brain Structure and Function</i> , 2022, 227, 2633-2645.	1.2	6
10066	Age-dependent white matter microstructural disintegrity in autism spectrum disorder. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	4
10067	Prolonged, Low-Level Exposure to the Marine Toxin, Domoic Acid, and Measures of Neurotoxicity in Nonhuman Primates. <i>Environmental Health Perspectives</i> , 2022, 130, .	2.8	3
10068	<scp>Testâ€“retest</scp> reliability of diffusion tensor imaging scalars in 5â€“year-olds. <i>Human Brain Mapping</i> , 2022, 43, 4984-4994.	1.9	3
10069	Investigating the contribution of cytoarchitecture to diffusion MRI measures in gray matter using histology. , 0, 1, .		0
10070	CLAIREâ€“Parallelized Diffeomorphic Image Registration for Large-Scale Biomedical Imaging Applications. <i>Journal of Imaging</i> , 2022, 8, 251.	1.7	3
10071	Transcranial ultrasound simulations: A review. <i>Medical Physics</i> , 2023, 50, 1051-1072.	1.6	11
10072	Negative correlation between word-level surprisal and intersubject neural synchronization during narrative listening. <i>Cortex</i> , 2022, 155, 132-149.	1.1	1
10073	Brain spectroscopic measures of glutamatergic and neuronal metabolism and glial activation influence white matter integrity in bipolar depression. <i>Psychiatry Research - Neuroimaging</i> , 2022, 326, 111534.	0.9	2
10074	I'm looking through you: Mentalizing in frontotemporal dementia and progressive supranuclear palsy. <i>Cortex</i> , 2022, 155, 373-389.	1.1	2
10075	Multiple-stage impairments of unfamiliar face learning in developmental prosopagnosia: Evidence from fMRI repetition suppression and multi-voxel pattern stability. <i>Neuropsychologia</i> , 2022, 176, 108370.	0.7	2
10076	Brain myelination at 7 months of age predicts later language development. <i>NeuroImage</i> , 2022, 263, 119641.	2.1	7
10077	Micapipe: A pipeline for multimodal neuroimaging and connectome analysis. <i>NeuroImage</i> , 2022, 263, 119612.	2.1	25
10078	Association of total peripheral inflammation with lower frontal and temporal lobe volumes in early-stage bipolar disorder: A proof-of-concept study. <i>Journal of Affective Disorders</i> , 2022, 319, 229-234.	2.0	7
10079	High-Resolution Diffusion-Weighted Breast MRI Acquisition. , 2023, , 186-202.		0
10080	The role of sleep quality on white matter integrity and concussion symptom severity in adolescents. <i>NeuroImage: Clinical</i> , 2022, 35, 103130.	1.4	2
10081	3D Multi-voxel Pattern Based Machine Learning for Multi-center fMRI Data Normalization. <i>Communications in Computer and Information Science</i> , 2022, , 516-528.	0.4	0
10082	The role of the temporal pole in temporal lobe epilepsy: A diffusion kurtosis imaging study. <i>NeuroImage: Clinical</i> , 2022, 36, 103201.	1.4	3

#	ARTICLE	IF	CITATIONS
10083	Adaptive Unsupervised Learning with Enhanced Feature Representation for Intra-tumor Partitioning and Survival Prediction for Glioblastoma. Lecture Notes in Computer Science, 2022, , 124-139.	1.0	0
10084	Brain Regional Homogeneity and its Association with Age and Intelligence in Typically Developing Youth. SSRN Electronic Journal, 0, , .	0.4	0
10085	Segmentation of Whole-Brain Tractography: A Deep Learning Algorithm Based on 3D Raw Curve Points. Lecture Notes in Computer Science, 2022, , 185-195.	1.0	1
10086	Rich-club reorganization and related network disruptions are associated with the symptoms and severity in classic trigeminal neuralgia patients. NeuroImage: Clinical, 2022, 36, 103160.	1.4	3
10087	Neural structural abnormalities behind altered brain activation in obesity: Evidence from meta-analyses of brain activation and morphometric data. NeuroImage: Clinical, 2022, 36, 103179.	1.4	5
10088	Semi-Supervised Learning of MRI Synthesis Without Fully-Sampled Ground Truths. IEEE Transactions on Medical Imaging, 2022, 41, 3895-3906.	5.4	9
10089	Exploring biomarkers of processing speed and executive function: The role of the anterior thalamic radiations. NeuroImage: Clinical, 2022, 36, 103174.	1.4	9
10090	Detection of emerging neurodegeneration using Bayesian linear mixed-effect modeling. NeuroImage: Clinical, 2022, 36, 103144.	1.4	1
10091	Evidence of Chronic Complement Activation in Asymptomatic Pediatric Brain Injury Patients: A Pilot Study. SSRN Electronic Journal, 0, , .	0.4	0
10092	Leveraging manifold learning techniques to explore white matter anomalies: An application of the TractLearn pipeline in epilepsy. NeuroImage: Clinical, 2022, 36, 103209.	1.4	0
10093	Multi-scale Super-Resolution Magnetic Resonance Spectroscopic Imaging with Adjustable Sharpness. Lecture Notes in Computer Science, 2022, , 410-420.	1.0	3
10094	Neural correlates of recognition and naming of famous persons and landmarks: A special role for the left anterior temporal lobe. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2022, , 303-317.	1.0	0
10095	Vox2Cortex: Fast Explicit Reconstruction of Cortical Surfaces from 3D MRI Scans with Geometric Deep Neural Networks. , 2022, , .		12
10096	Evaluation of a Portable fMRI Compatible Robotic Wrist Interface. , 2022, , .		2
10097	A modified 3D EfficientNet for the classification of Alzheimer's disease using structural magnetic resonance images. IET Image Processing, 2023, 17, 77-87.	1.4	6
10098	Associations of Peak-Width Skeletonized Mean Diffusivity and Post-Stroke Cognition. Life, 2022, 12, 1362.	1.1	0
10099	Somatosensory evoked potentials and their relation to microstructural damage in patients with multiple sclerosis – A whole brain DTI study. Frontiers in Neurology, 0, 13, .	1.1	0
10100	Plasma Neurofilament Light Concentration Is Associated with Diffusion-Tensor MRI-Based Measures of Neurodegeneration in Early Parkinson's Disease. Journal of Parkinson's Disease, 2022, 12, 2135-2146.	1.5	1

#	ARTICLE	IF	CITATIONS
10103	Fast Event-Related Mapping of Population Fingertip Tuning Properties in Human Sensorimotor Cortex at 7T. <i>ENeuro</i> , 2022, 9, ENEURO.0069-22.2022.	0.9	0
10104	Graph theoretical approach to brain remodeling in multiple sclerosis. <i>Network Neuroscience</i> , 2023, 7, 148-159.	1.4	2
10105	Carotenoids improve the development of cerebral cortical networks in formula-fed infant macaques. <i>Scientific Reports</i> , 2022, 12, .	1.6	3
10106	Brain structural connectome in neonates with prenatal opioid exposure. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	6
10107	Full cervical cord tractography: A new method for clinical use. <i>Frontiers in Neuroanatomy</i> , 0, 16, .	0.9	1
10113	Validation of Muscle Fiber Architecture of the Human Tongue Revealed by Diffusion Magnetic Resonance Imaging With Histology Verification. <i>Journal of Speech, Language, and Hearing Research</i> , 2022, 65, 3661-3673.	0.7	1
10114	Autism Is Associated With Interindividual Variations of Gray and White Matter Morphology. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2023, 8, 1084-1093.	1.1	4
10115	Familial risk for major depression: differential white matter alterations in healthy and depressed participants. <i>Psychological Medicine</i> , 2023, 53, 4933-4942.	2.7	2
10116	Multi-band multi-shot diffusion MRI reconstruction with joint usage of structured low-rank constraints and explicit phase mapping. <i>Magnetic Resonance in Medicine</i> , 2023, 89, 95-111.	1.9	7
10119	Relationships Between the Deposition of Amyloid- β^2 and Tau Protein and Glymphatic System Activity in Alzheimer's Disease: Diffusion Tensor Image Study. <i>Journal of Alzheimer's Disease</i> , 2022, 90, 295-303.	1.2	15
10120	Frontoparietal connectivity as a product of convergent evolution in rodents and primates: functional connectivity topologies in grey squirrels, rats, and marmosets. <i>Communications Biology</i> , 2022, 5, .	2.0	1
10121	Perceived stress modulates the activity between the amygdala and the cortex. <i>Molecular Psychiatry</i> , 2022, 27, 4939-4947.	4.1	5
10122	Effects of docosahexaenoic acid and eicosapentaenoic acid supplementation on white matter integrity after repetitive sub-concussive head impacts during American football: Exploratory neuroimaging findings from a pilot RCT. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	4
10123	White matter alterations in pediatric brainstem glioma: An national brain tumor registry of China study. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	4
10125	Functional connectivity and structural changes of thalamic subregions in episodic migraine. <i>Journal of Headache and Pain</i> , 2022, 23, .	2.5	12
10126	Functional Connectivity in the Mouse Brainstem Represents Signs of Recovery from Concussion. <i>Journal of Neurotrauma</i> , 0, , .	1.7	0
10127	In Vivo 2-Hydroxyglutarate Monitoring With Edited MR Spectroscopy for the Follow-up of IDH-Mutant Diffuse Gliomas. <i>Neurology</i> , 2023, 100, .	1.5	7
10128	Classification and prediction of cognitive performance differences in older age based on brain network patterns using a machine learning approach. <i>Network Neuroscience</i> , 2023, 7, 122-147.	1.4	4

#	ARTICLE	IF	CITATIONS
10130	Gadolinium Deposition in the Rat Brain Measured with Quantitative MRI versus Elemental Mass Spectrometry. <i>Radiology</i> , 2023, 306, 244-251.	3.6	6
10131	Metabolic syndrome predictors of brain gray matter volume in an age-stratified community sample of 776 Mexican- American adults: Results from the genetics of brain structure image archive. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	5
10133	Disentangling Clinical Profiles of Apathy in Behavioral Variant Frontotemporal Dementia. <i>Journal of Alzheimer's Disease</i> , 2022, 90, 639-654.	1.2	3
10134	An evaluation of how connectopic mapping reveals visual field maps in V1. <i>Scientific Reports</i> , 2022, 12, .	1.6	1
10138	Neural Support for Contributions of Utility and Narrative Processing of Evidence in Juror Decision Making. <i>Journal of Neuroscience</i> , 2022, 42, 7624-7633.	1.7	0
10139	Structural brain changes in patients with persistent headache after COVID-19 resolution. <i>Journal of Neurology</i> , 2023, 270, 13-31.	1.8	9
10140	Emotional Resilience Predicts Preserved White Matter Microstructure Following Mild Traumatic Brain Injury. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2024, 9, 164-175.	1.1	2
10144	Registration and quantification network (RQnet) for IVIM–DKI analysis in MRI. <i>Magnetic Resonance in Medicine</i> , 2023, 89, 250-261.	1.9	3
10145	Efficient estimation of propagator anisotropy and non–Gaussianity in multishell diffusion MRI with micro–structure adaptive convolution kernels and dual Fourier integral transforms. <i>Magnetic Resonance in Medicine</i> , 0, , .	1.9	1
10147	Comorbid Neurodegeneration in Primary Progressive Aphasia: Clinicopathological Correlations in a Single-Center Study. <i>Behavioural Neurology</i> , 2022, 2022, 1-14.	1.1	1
10148	White matter microstructure shows sex differences in late childhood: Evidence from 6797 children. <i>Human Brain Mapping</i> , 2023, 44, 535-548.	1.9	9
10149	Distinct limbic connectivity in left and right benign mesial temporal lobe epilepsy: Evidence from a resting state functional MRI study. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	4
10150	Mitochondrial DNA variation in Alzheimer–s disease reveals a unique microprotein called SHMOOSE. <i>Molecular Psychiatry</i> , 2023, 28, 1813-1826.	4.1	16
10151	White matter alterations in focal to bilateral tonic-clonic seizures. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	6
10152	Identifying acute ischemic stroke patients within the thrombolytic treatment window using deep learning. <i>Journal of Neuroimaging</i> , 2022, 32, 1153-1160.	1.0	7
10153	Comparison of Olfactory Tract Diffusion Measures Between Early Stage Parkinson–s Disease Patients and Healthy Controls Using Ultra-High Field MRI. <i>Journal of Parkinson's Disease</i> , 2022, , 1-10.	1.5	2
10154	Intrasession and Intersession Reproducibility of Artificial Scotoma pRF Mapping Results at Ultra-High Fields. <i>ENeuro</i> , 2022, 9, ENEURO.0087-22.2022.	0.9	1
10155	Effect of SIRT1 on white matter neural network in adolescent patients with depression. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	1

#	ARTICLE	IF	CITATIONS
10156	Regional healthy brain activity, glioma occurrence and symptomatology. <i>Brain</i> , 2022, 145, 3654-3665.	3.7	19
10157	A Focus on the Role of DSC-PWI Dynamic Radiomics Features in Diagnosis and Outcome Prediction of Ischemic Stroke. <i>Journal of Clinical Medicine</i> , 2022, 11, 5364.	1.0	5
10158	White Matter Integrity Relates to Cognition in Service Members and Veterans after Complicated Mild, Moderate, and Severe Traumatic Brain Injury, But Not Uncomplicated Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2023, 40, 260-273.	1.7	4
10160	Gait decline while dual-tasking is an early sign of white matter deterioration in middle-aged and older adults. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	2
10161	Choice of Voxel-based Morphometry processing pipeline drives variability in the location of neuroanatomical brain markers. <i>Communications Biology</i> , 2022, 5, .	2.0	21
10162	Associations of lifetime concussion history and repetitive head impact exposure with resting-state functional connectivity in former collegiate American football players: An NCAA 15-year follow-up study. <i>PLoS ONE</i> , 2022, 17, e0273918.	1.1	2
10163	Prediction of the gait function using the nigrostriatal and corticoreticulospinal tracts of the affected hemisphere in a cerebral infarct: A diffusion tensor imaging study. <i>Medicine (United States)</i> , 2022, 101, e30788.	0.4	1
10164	Upper-Limb Amputation Disrupts the Interhemispheric Structural Rather than Functional Connectivity. <i>Brain Connectivity</i> , 0, , .	0.8	0
10165	Transdiagnostic connectome signatures from resting-state fMRI predict individual-level intellectual capacity. <i>Translational Psychiatry</i> , 2022, 12, .	2.4	6
10166	Clusterwise Independent Component Analysis (C-ICA): Using fMRI resting state networks to cluster subjects and find neurofunctional subtypes. <i>Journal of Neuroscience Methods</i> , 2022, 382, 109718.	1.3	2
10167	Genetic and environmental factors influencing neonatal resting-state functional connectivity. <i>Cerebral Cortex</i> , 2023, 33, 4829-4843.	1.6	1
10168	Multi-compartment diffusion magnetic resonance imaging models link tract-related characteristics with working memory performance in healthy older adults. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	2
10169	Prefrontal-habenular microstructural impairments in human cocaine and heroin addiction. <i>Neuron</i> , 2022, 110, 3820-3832.e4.	3.8	5
10170	Computational modeling of electric fields for prefrontal tDCS across patients with schizophrenia and mood disorders. <i>Psychiatry Research - Neuroimaging</i> , 2022, , 111547.	0.9	2
10171	The spatio-temporal relationship between white matter lesion volume changes and brain atrophy in clinically isolated syndrome and early multiple sclerosis. <i>NeuroImage: Clinical</i> , 2022, 36, 103220.	1.4	3
10172	Changes in primary somatosensory cortex following allogeneic hand transplantation or autogenic hand replantation. , 0, 1, .		3
10173	White matter and sustained attention in children with attention/deficit-hyperactivity disorder: A longitudinal fixel-based analysis. <i>Cortex</i> , 2022, 157, 129-141.	1.1	3
10174	HIV peripheral neuropathy-related degeneration of white matter tracts to sensorimotor cortex. <i>Journal of NeuroVirology</i> , 0, , .	1.0	2

#	ARTICLE	IF	CITATIONS
10175	Corresponding anatomical of the macaque superior parietal lobule areas 5 (PE) subdivision reveal similar connectivity patterns with humans. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	2
10176	Adverse childhood experiences and fronto-subcortical structures in the developing brain. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	5
10177	Test-retest reliability of peak location in the sensorimotor network of resting state fMRI for potential rTMS targets. <i>Frontiers in Neuroinformatics</i> , 0, 16, .	1.3	0
10178	High cortical iron is associated with the disruption of white matter tracts supporting cognitive function in healthy older adults. <i>Cerebral Cortex</i> , 2023, 33, 4815-4828.	1.6	3
10179	Common and distinct fronto-striatal volumetric changes in heroin and cocaine use disorders. <i>Brain</i> , 2023, 146, 1662-1671.	3.7	6
10180	The long-range white matter microstructural alterations in drug-naïve children with ADHD: A tract-based spatial statistics study. <i>Psychiatry Research - Neuroimaging</i> , 2022, 327, 111548.	0.9	2
10181	The transdiagnostic relationship of cumulative lifetime stress with memory, the hippocampus, and personality psychopathology. <i>Journal of Psychiatric Research</i> , 2022, 155, 483-492.	1.5	1
10182	Subjective cognitive decline predicts lower cingulo-opercular network functional connectivity in individuals with lower neurite density in the forceps minor. <i>NeuroImage</i> , 2022, 263, 119662.	2.1	2
10183	Long-term effect of childhood trauma: Role of inflammation and white matter in mood disorders. <i>Brain, Behavior, & Immunity - Health</i> , 2022, 26, 100529.	1.3	3
10184	Flow-Based Visual Quality Enhancer for Super-Resolution Magnetic Resonance Spectroscopic Imaging. <i>Lecture Notes in Computer Science</i> , 2022, , 3-13.	1.0	2
10185	The role of the hippocampus in statistical learning and language recovery in persons with post stroke aphasia. <i>NeuroImage: Clinical</i> , 2022, 36, 103243.	1.4	7
10186	Perception and memory have distinct spatial tuning properties in human visual cortex. <i>Nature Communications</i> , 2022, 13, .	5.8	16
10187	The impact of harmonization on radiomic features in Parkinson's disease and healthy controls: A multicenter study. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	11
10188	Reduced basal ganglia tissue-iron concentration in school-age children with attention-deficit/hyperactivity disorder is localized to limbic circuitry. <i>Experimental Brain Research</i> , 2022, 240, 3271-3288.	0.7	6
10189	Feasibility of MRI Quantification of Myelin Water Fraction in the Fetal Guinea Pig Brain. <i>Journal of Magnetic Resonance Imaging</i> , 2023, 57, 1856-1864.	1.9	2
10190	Early remission in multiple sclerosis is linked to altered coherence of the Cerebellar Network. <i>Journal of Translational Medicine</i> , 2022, 20, .	1.8	2
10191	Role of small acute hyperintense lesions in long-term progression of cerebral small vessel disease and clinical outcome: a 14-year follow-up study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2023, 94, 144-144.	0.9	4
10192	The Role of Puberty and Sex on Brain Structure in Adolescents With Anxiety Following Concussion. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2024, 9, 285-297.	1.1	2

#	ARTICLE	IF	CITATIONS
10193	Characterization of the blood oxygen level dependent hemodynamic response function in human subcortical regions with high spatiotemporal resolution. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	3
10194	In vivo direct imaging of neuronal activity at high temporospatial resolution. <i>Science</i> , 2022, 378, 160-168.	6.0	42
10195	Structure-Function Coupling Reveals Seizure Onset Connectivity Patterns. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 10487.	1.3	1
10196	The pericontused cortex can support function early after TBI but it remains functionally isolated from normal afferent input. <i>Experimental Neurology</i> , 2023, 359, 114260.	2.0	1
10197	Updating contextual sensory expectations for adaptive behaviour. <i>Journal of Neuroscience</i> , 0, , JN-RM-1107-22.	1.7	7
10198	A Common Neural Account for Social and Nonsocial Decisions. <i>Journal of Neuroscience</i> , 2022, 42, 9030-9044.	1.7	2
10199	Aging of the mesolimbic tract in the human brain: A diffusion tensor imaging study. <i>Medicine (United Tj ETQq0 0 0,rgBT /Overlock 10 T</i>	0.4	0
10200	A multimodal neuroimaging study of brain abnormalities and clinical correlates in post treatment Lyme disease. <i>PLoS ONE</i> , 2022, 17, e0271425.	1.1	5
10201	Whole-Brain Propagation Delays in Multiple Sclerosis, a Combined Tractography-Magnetoencephalography Study. <i>Journal of Neuroscience</i> , 2022, 42, 8807-8816.	1.7	15
10202	Communication skills in children aged 6â€“8Â years, without cerebral palsy cooled for neonatal hypoxic-ischemic encephalopathy. <i>Scientific Reports</i> , 2022, 12, .	1.6	3
10203	The Use of Kappa Free Light Chains to Diagnose Multiple Sclerosis. <i>Medicina (Lithuania)</i> , 2022, 58, 1512.	0.8	2
10204	Right hemi-alexia. <i>Cortex</i> , 2022, , .	1.1	0
10205	Volumetric Variability of the Ventromedial Prefrontal Cortex Reflects the Propensity for Engaging in High-Stakes Gambling Behavior. <i>Brain Sciences</i> , 2022, 12, 1460.	1.1	2
10206	Early Epilepsy Surgery in Benign Cerebral Tumors: Avoid Your â€™Low-Gradeâ€™ Becoming a â€™Long-Termâ€™ Epilepsy-Associated Tumor. <i>Journal of Clinical Medicine</i> , 2022, 11, 5892.	1.0	3
10207	Physical activity levels and brain structure in middle-aged and older adults: a bidirectional longitudinal population-based study. <i>Neurobiology of Aging</i> , 2023, 121, 28-37.	1.5	5
10208	Use of connectotyping on task functional MRI data reveals dynamic network level cross talking during task performance. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	0
10209	An improved asymmetric susceptibility tensor imaging model with frequency offset correction. <i>Magnetic Resonance in Medicine</i> , 2023, 89, 828-844.	1.9	1
10210	Iterative Seeded Region Growing for Brain Tissue Segmentation. , 2022, , .		0

#	ARTICLE	IF	CITATIONS
10211	Altered anterior insula functional connectivity in adolescent and young women with endometriosis-associated pain: Pilot resting-state fMRI study. <i>European Journal of Paediatric Neurology</i> , 2022, , .	0.7	1
10212	Higher Sensory Sensitivity is Linked to Greater Expansion Amongst Functional Connectivity Gradients. <i>Journal of Autism and Developmental Disorders</i> , 2024, 54, 56-74.	1.7	1
10213	Creativity in verbal associations is linked to semantic control. <i>Cerebral Cortex</i> , 0, , .	1.6	2
10214	Social cognitive processes explain bias in juror decisions. <i>Social Cognitive and Affective Neuroscience</i> , 0, , .	1.5	0
10215	White matter microstructure and sleep-wake disturbances in individuals at ultra-high risk of psychosis. <i>Frontiers in Human Neuroscience</i> , 0, 16, .	1.0	0
10216	The Effects of Acute Cannabis With and Without Cannabidiol on Neural Reward Anticipation in Adults and Adolescents. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2023, 8, 219-229.	1.1	2
10218	Neural Encoding of Novel Social Networks: Evidence that Perceivers Prioritize Othersâ€™ Centrality. <i>Social Cognitive and Affective Neuroscience</i> , 0, , .	1.5	0
10219	Building a tissueâ€ unbiased brain template of fiber orientation distribution and tractography with multimodal registration. <i>Magnetic Resonance in Medicine</i> , 2023, 89, 1207-1220.	1.9	8
10220	Rate of Retinal Layer Thinning as a Biomarker for Conversion to Progressive Disease in Multiple Sclerosis. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2022, 9, .	3.1	1
10221	Intersession Repeatability of $\text{Diffusion}^{\text{Tensor}}$ Imaging in the Supraspinatus and the Infraspinatus Muscles of Volunteers. <i>Journal of Magnetic Resonance Imaging</i> , 2023, 57, 1414-1422.	1.9	2
10222	Differences in Olivo-Cerebellar Circuit and Cerebellar Network Connectivity in Essential Tremor: a Resting State fMRI Study. <i>Cerebellum</i> , 2023, 22, 1123-1136.	1.4	2
10223	Language reorganization in patients with left-hemispheric gliomas is associated with increased cortical volume in language-related areas and in the default mode network. <i>Cortex</i> , 2022, , .	1.1	7
10224	Structural and diffusionâ€ weighted brain imaging predictors of attentionâ€ deficit/hyperactivity disorder and its symptomology in very young (4â€ to 7â€ yearâ€ old) children. <i>European Journal of Neuroscience</i> , 2022, 56, 6239-6257.	1.2	1
10225	Deep Learning for Image Enhancement and Correction in Magnetic Resonance Imagingâ€ State-of-the-Art and Challenges. <i>Journal of Digital Imaging</i> , 2023, 36, 204-230.	1.6	30
10227	Social multi-sensory alcohol cue reactivity and ad libitum social drinking: An fMRI study. <i>Addiction Neuroscience</i> , 2022, 4, 100039.	0.4	0
10228	Freezing of gait, gait initiation, and gait automaticity share a similar neural substrate in Parkinson's disease. <i>Human Movement Science</i> , 2022, 86, 103018.	0.6	3
10229	Bayesian connective field modeling using a Markov Chain Monte Carlo approach. <i>NeuroImage</i> , 2022, 264, 119688.	2.1	3
10230	Slice-direction geometric distortion evaluation and correction with reversed slice-select gradient acquisitions. <i>NeuroImage</i> , 2022, 264, 119701.	2.1	0

#	ARTICLE	IF	CITATIONS
10231	fMRI BOLD and MEG theta power reflect complementary aspects of activity during lexicosemantic decision in adolescents with ASD. <i>NeuroImage Reports</i> , 2022, 2, 100134.	0.5	1
10232	The influence of visual deprivation on the development of the thalamocortical network: Evidence from congenitally blind children and adults. <i>NeuroImage</i> , 2022, 264, 119722.	2.1	3
10233	Brain network characteristics and cognitive performance in motor subtypes of Parkinson's disease: A resting state fMRI study. <i>Parkinsonism and Related Disorders</i> , 2022, 105, 32-38.	1.1	2
10234	Imaging in the Presence of Magnetic Field Inhomogeneities. <i>Advances in Magnetic Resonance Technology and Applications</i> , 2022, , 327-354.	0.0	0
10235	Supervised Phenotype Discovery From Multimodal Brain Imaging. <i>IEEE Transactions on Medical Imaging</i> , 2023, 42, 834-849.	5.4	4
10236	Alterations in metamemory capacity and neural correlates in a subtype of subjective cognitive decline. <i>NeuroImage: Clinical</i> , 2022, 36, 103255.	1.4	3
10237	Estimation Of Cortical Currents From Eeg Signals During N-Back Working Memory Tasks. , 2022, , .		0
10238	Periodic limb movements in sleep are linked to decreased hippocampus and amygdala volumes in the population-based BiDirect Study. <i>Sleep</i> , 2023, 46, .	0.6	2
10239	The Combination of Whole-Brain Features and Local-Lesion Features in DSC-PWI May Improve Ischemic Stroke Outcome Prediction. <i>Life</i> , 2022, 12, 1847.	1.1	2
10240	Attentionâ€deficit/hyperactivity disorder and white matter microstructure: The importance of dimensional analyses and sex differences. <i>JCPP Advances</i> , 0, , .	1.4	1
10241	Cannabis, connectivity, and coming of age: Associations between cannabis use and anterior cingulate cortex connectivity during the transition to adulthood. <i>Frontiers in Human Neuroscience</i> , 0, 16, .	1.0	3
10243	Robust dualâ€module velocityâ€selective arterial spin labeling (<scp>dmâ€VSASL</scp>) with velocityâ€selective saturation and inversion. <i>Magnetic Resonance in Medicine</i> , 2023, 89, 1026-1040.	1.9	4
10244	Neuroimaging and immunological features of neurocognitive function related to substance use in people with HIV. <i>Journal of NeuroVirology</i> , 2023, 29, 78-93.	1.0	5
10245	Using <i>in vivo</i> functional and structural connectivity to predict chronic stroke aphasia deficits. <i>Brain</i> , 2023, 146, 1950-1962.	3.7	5
10246	Do naps benefit novel word learning? Developmental differences and white matter correlates. <i>Cortex</i> , 2022, , .	1.1	0
10247	Mammillary body abnormalities and cognitive outcomes in children cooled for neonatal encephalopathy. <i>Developmental Medicine and Child Neurology</i> , 2023, 65, 792-802.	1.1	2
10248	New insights into anatomical connectivity along the anteriorâ€posterior axis of the human hippocampus using in vivo quantitative fibre tracking. <i>ELife</i> , 0, 11, .	2.8	23
10249	Whole-brain white matter abnormalities in human cocaine and heroin use disorders: association with craving, recency, and cumulative use. <i>Molecular Psychiatry</i> , 2023, 28, 780-791.	4.1	4

#	ARTICLE	IF	CITATIONS
10251	EEG analysis of the visual motion activated vection network in left- and right-handers. Scientific Reports, 2022, 12, .	1.6	1
10252	Encâ€Unet: A novel method for Glioma segmentation. International Journal of Imaging Systems and Technology, 2023, 33, 465-482.	2.7	1
10254	Correlation between brain functional connectivity and neurocognitive function in patients with left frontal glioma. Scientific Reports, 2022, 12, .	1.6	5
10256	White matter microstructure and executive functions in congenital heart disease from childhood to adulthood: A pooled caseâ€“control study. Child Neuropsychology, 2023, 29, 1064-1087.	0.8	5
10257	Cognitive flexibility: neurobehavioral correlates of changing oneâ€™s mind. Cerebral Cortex, 2023, 33, 5436-5446.	1.6	2
10258	Insulin resistance disrupts white matter microstructure and amplitude of functional spontaneous activity in bipolar disorder. Bipolar Disorders, 2023, 25, 32-42.	1.1	1
10259	BOLD Activation on the Groundside of Figures: More Suppression of Grounds That Competed More for Figural Status. Cortex, 2022, , .	1.1	0
10260	Increased White Matter Coherence Following Three and Six Months of Medical Cannabis Treatment. Cannabis and Cannabinoid Research, 2022, 7, 827-839.	1.5	3
10261	Postmortem 7T MRI for guided histopathology and evaluation of cerebrovascular disease. Journal of Neuropathology and Experimental Neurology, 2022, Publish Ahead of Print, .	0.9	1
10264	Distinct signatures of loss of consciousness in focal impaired awareness versus tonic-clonic seizures. Brain, 0, , .	3.7	2
10265	Predicting overall survival in diffuse glioma from the presurgical connectome. Scientific Reports, 2022, 12, .	1.6	3
10266	Impact of White Adipose Tissue on Brain Structure, Perfusion, and Cognitive Function in Patients With Severe Obesity. Neurology, 2023, 100, .	1.5	3
10267	Diffusion tensor imaging changes in patients with glioma-associated seizures. Journal of Neuro-Oncology, 0, , .	1.4	1
10268	Coronary microvascular dysfunction is associated with impaired cognitive function: the Cerebral-Coronary Connection study (C3 study). European Heart Journal, 2023, 44, 113-125.	1.0	13
10269	Association of longitudinal cognitive decline with diffusion MRI in Gray Matter, Amyloid, and Tau deposition. Neurobiology of Aging, 2023, 121, 166-178.	1.5	4
10270	Neural Correlates of Sensory Eye Dominance in Human Visual White Matter Tracts. ENeuro, 2022, 9, ENEURO.0232-22.2022.	0.9	4
10271	Leveraging edge-centric networks complements existing network-level inference for functional connectomes. NeuroImage, 2022, 264, 119742.	2.1	1
10272	Early white matter connectivity and plasticity in post stroke aphasia recovery. NeuroImage: Clinical, 2022, 36, 103271.	1.4	4

#	ARTICLE	IF	CITATIONS
10273	Adolescent nicotine administration increases nicotinic acetylcholine receptor binding and functional connectivity in specific cortico-striatal-thalamic circuits. <i>Brain Communications</i> , 0, , .	1.5	2
10274	Effects of exercise types on white matter microstructure in late midlife adults: Preliminary results from a diffusion tensor imaging study. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	1
10275	Can this data be saved? Techniques for high motion in resting state scans of first grade children. <i>Developmental Cognitive Neuroscience</i> , 2022, 58, 101178.	1.9	4
10276	Robust high spatio-temporal line-scanning fMRI in humans at 7T using multi-echo readouts, denoising and prospective motion correction. <i>Journal of Neuroscience Methods</i> , 2023, 384, 109746.	1.3	5
10278	Telomere length is causally connected to brain MRI image derived phenotypes: A mendelian randomization study. <i>PLoS ONE</i> , 2022, 17, e0277344.	1.1	2
10282	Perceptions of space and time of public transport travel associated with human brain activities: A case study of bus travel in Beijing. <i>Computers, Environment and Urban Systems</i> , 2023, 99, 101919.	3.3	4
10283	The Impact of Susceptibility Distortion Correction Protocols on Adolescent Diffusion MRI Measures. <i>Lecture Notes in Computer Science</i> , 2022, , 50-61.	1.0	0
10284	Two-year follow-up of brain structural changes in patients who recovered from COVID-19: A prospective study. <i>Psychiatry Research</i> , 2023, 319, 114969.	1.7	13
10285	Discriminative patterns of white matter changes in Alzheimer's. <i>Psychiatry Research - Neuroimaging</i> , 2023, 328, 111576.	0.9	3
10286	Assessment of glymphatic function in narcolepsy using DTI-ALPS index. <i>Sleep Medicine</i> , 2023, 101, 522-527.	0.8	2
10287	The relationship between cognition and functioning in Bipolar Disorder: An investigation using functional imaging during working memory performance. <i>Psychiatry Research</i> , 2023, 319, 114981.	1.7	1
10288	Effects of alfaxalone, propofol and isoflurane on cerebral blood flow and cerebrovascular reactivity to carbon dioxide in dogs: A pilot study. <i>Veterinary Journal</i> , 2023, 291, 105939.	0.6	1
10289	Hypometabolic and hypermetabolic brain regions in patients with ALS-FTD show distinct patterns of grey and white matter degeneration: A pilot multimodal neuroimaging study. <i>European Journal of Radiology</i> , 2023, 158, 110616.	1.2	4
10290	Sex-dependent effects of early life stress on reinforcement learning and limbic cortico-striatal functional connectivity. <i>Neurobiology of Stress</i> , 2023, 22, 100507.	1.9	6
10291	Rostral anterior cingulate connectivity in older adults with subthreshold depressive symptoms: A preliminary study. <i>Aging Brain</i> , 2023, 3, 100059.	0.7	0
10292	State-dependent and region-specific alterations of cerebellar connectivity across stable human wakefulness and NREM sleep states. <i>NeuroImage</i> , 2023, 266, 119823.	2.1	1
10293	HYDI-DSI revisited: Constrained non-parametric EAP imaging without q-space re-gridding. <i>Medical Image Analysis</i> , 2023, 84, 102728.	7.0	2
10294	Towards fully automated deep-learning-based brain tumor segmentation: Is brain extraction still necessary?. <i>Biomedical Signal Processing and Control</i> , 2023, 82, 104514.	3.5	5

#	ARTICLE	IF	CITATIONS
10295	Bayesian Filtered Generation of Post-surgical Brain Connectomes on Tumor Patients. Lecture Notes in Computer Science, 2022, , 79-88.	1.0	1
10296	The Independent Walking for Brain Health Intervention for Older Adults: Protocol for a Pilot Randomized Controlled Trial (Preprint). JMIR Research Protocols, 0, , .	0.5	0
10298	White Matter Maturation and Hemispheric Asymmetry During Childhood Based on Chinese Population. Communications in Computer and Information Science, 2023, , 195-207.	0.4	0
10299	Exploring changes in depression and radiology-related publications research focus: A bibliometrics and content analysis based on natural language processing. Frontiers in Psychiatry, 0, 13, .	1.3	1
10300	Recollection and prior knowledge recruit the left angular gyrus during recognition. Brain Structure and Function, 2023, 228, 197-217.	1.2	6
10302	Structural and functional magnetic resonance imaging correlates of fatigue and dual-task performance in progressive multiple sclerosis. Journal of Neurology, 2023, 270, 1543-1563.	1.8	6
10303	Changes in music-evoked emotion and ventral striatal functional connectivity after psilocybin therapy for depression. Journal of Psychopharmacology, 2023, 37, 70-79.	2.0	7
10304	Acceleration of Multi-b-value Multi-shot Diffusion-weighted Imaging using Interleaved Keyhole-EPI and Locally Low Rank Reconstruction. , 2022, , .		1
10306	Altered reward processing underpins emotional apathy in dementia. Cognitive, Affective and Behavioral Neuroscience, 2023, 23, 354-370.	1.0	6
10307	Linking neuroanatomical abnormalities in autism spectrum disorder with gene expression of candidate ASD genes: A meta-analytic and network-oriented approach. PLoS ONE, 2022, 17, e0277466.	1.1	1
10308	Comparing the functional neuroanatomy of proactive and reactive control between patients with schizophrenia and healthy controls. Cognitive, Affective and Behavioral Neuroscience, 0, , .	1.0	1
10309	Interpretable brain disease classification and relevance-guided deep learning. Scientific Reports, 2022, 12, .	1.6	5
10310	Brain white matter microstructure abnormalities in children with optimal outcome from autism: a four-year follow-up study. Scientific Reports, 2022, 12, .	1.6	1
10311	Mapping the effects of pregnancy on resting state brain activity, white matter microstructure, neural metabolite concentrations and grey matter architecture. Nature Communications, 2022, 13, .	5.8	21
10313	Revascularization improves vascular hemodynamicsâ€™â€™â€™a study assessing cerebrovascular reserve and transit time in Moyamoya patients using MRI. Journal of Cerebral Blood Flow and Metabolism, 0, , 0271678X2211403.	2.4	2
10314	Nigral volumetric and microstructural measures in individuals with scans without evidence of dopaminergic deficit. Frontiers in Neuroscience, 0, 16, .	1.4	3
10316	Turning and multitask gait unmask gait disturbance in mildâ€™toâ€™moderate multiple sclerosis: Underlying specific cortical thinning and connecting fibers damage. Human Brain Mapping, 0, , .	1.9	3
10318	HALO: A software tool for realâ€™time head alignment in the MR scanner. Magnetic Resonance in Medicine, 2023, 89, 1506-1513.	1.9	1

#	ARTICLE	IF	CITATIONS
10320	Quantitative susceptibility mapping using plug-and-play alternating direction method of multipliers. <i>Scientific Reports</i> , 2022, 12, .	1.6	0
10321	Whole-brain dynamical modelling for classification of Parkinson's disease. <i>Brain Communications</i> , 2022, 5, .	1.5	5
10322	Longitudinal regression of covariance matrix outcomes. <i>Biostatistics</i> , 0, , .	0.9	0
10324	Visualization of human optic nerve by diffusion tensor mapping and degree of neuropathy. <i>PLoS ONE</i> , 2022, 17, e0278987.	1.1	0
10325	Neuroinflammation is independently associated with brain network dysfunction in Alzheimer's disease. <i>Molecular Psychiatry</i> , 2023, 28, 1303-1311.	4.1	22
10326	Neurobiological predispositions for musicality: White matter in infancy predicts school-age music aptitude. <i>Developmental Science</i> , 2023, 26, .	1.3	3
10327	Repetitive transcranial magnetic stimulation for hypokinetic dysarthria in Parkinson's disease enhances white matter integrity of the auditory-motor loop. <i>European Journal of Neurology</i> , 2023, 30, 881-886.	1.7	2
10328	Visual outcomes after anterior temporal lobectomy and transylvian selective amygdalohippocampectomy: A quantitative comparison of clinical and diffusion data. <i>Epilepsia</i> , 2023, 64, 705-717.	2.6	1
10329	Cerebellar correlates of social dysfunction among individuals at clinical high risk for psychosis. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	0
10330	Co-alteration Network Architecture of Major Depressive Disorder: A Multi-modal Neuroimaging Assessment of Large-scale Disease Effects. <i>Neuroinformatics</i> , 2023, 21, 443-455.	1.5	1
10334	Brain correlates of speech perception in schizophrenia patients with and without auditory hallucinations. <i>PLoS ONE</i> , 2022, 17, e0276975.	1.1	2
10335	Confounds in neuroimaging: A clear case of sex as a confound in brain-based prediction. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	2
10336	Effects of nonsocial and circumscribed interest images on neural mechanisms of emotion regulation in autistic adults. <i>Frontiers in Behavioral Neuroscience</i> , 0, 16, .	1.0	1
10337	Free-Water Diffusion Magnetic Resonance Imaging Differentiates Suicidal Ideation From Suicide Attempt in Treatment-Resistant Depression. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2023, 8, 471-481.	1.1	1
10338	Distinguishing Progression from Pseudoprogression in Glioblastoma Using ¹⁸ F-Fluciclovine PET. <i>Journal of Nuclear Medicine</i> , 2023, 64, 852-858.	2.8	6
10340	Spatial orientation – a stable marker for vascular cognitive impairment?. <i>Cerebral Circulation - Cognition and Behavior</i> , 2023, 4, 100155.	0.4	0
10341	Sex-Specific Brain Activations during Single-Leg Exercise. <i>International Journal of Sports Physical Therapy</i> , 2022, 17, .	0.5	2
10342	White matter changes following electroconvulsive therapy for depression: a multicenter ComBat harmonization approach. <i>Translational Psychiatry</i> , 2022, 12, .	2.4	1

#	ARTICLE	IF	CITATIONS
10344	Multi-tasking deep network for tinnitus classification and severity prediction from multimodal structural MR images. <i>Journal of Neural Engineering</i> , 2023, 20, 016017.	1.8	3
10345	<i>TLL11</i> gene is associated with sustained attention performance and brain networks: A genome-wide association study of a healthy Chinese sample. <i>Genes, Brain and Behavior</i> , 2023, 22, .	1.1	1
10346	Sleep spindles and slow waves are physiological markers for age-related changes in gray matter in brain regions supporting problem-solving skills. <i>Learning and Memory</i> , 2023, 30, 12-24.	0.5	1
10347	Beyond the Dorsal Column Medial Lemniscus in Proprioception and Stroke: A White Matter Investigation. <i>Brain Sciences</i> , 2022, 12, 1651.	1.1	0
10348	Asymmetric signaling across the hierarchy of cytoarchitecture within the human connectome. <i>Science Advances</i> , 2022, 8, .	4.7	12
10349	Pseudo multishot echo-planar imaging for geometric distortion improvement. <i>NMR in Biomedicine</i> , 2023, 36, .	1.6	1
10350	Flexible sensory-motor mapping rules manifest in correlated variability of stimulus and action codes across the brain. <i>Neuron</i> , 2023, 111, 571-584.e9.	3.8	3
10351	Structural brain changes in post-acute COVID-19 patients with persistent olfactory dysfunction. <i>Annals of Clinical and Translational Neurology</i> , 2023, 10, 195-203.	1.7	12
10352	Development of the corpus callosum and cognition after neonatal encephalopathy. <i>Annals of Clinical and Translational Neurology</i> , 2023, 10, 32-47.	1.7	2
10353	Radial diffusivity reflects general decline rather than specific cognitive deterioration in multiple sclerosis. <i>Scientific Reports</i> , 2022, 12, .	1.6	1
10354	The humanised <i>CYP2C19</i> transgenic mouse exhibits cerebellar atrophy and movement impairment reminiscent of ataxia. <i>Neuropathology and Applied Neurobiology</i> , 2023, 49, .	1.8	1
10356	On the performance of multi-compartment relaxometry for myelin water imaging (MCR-MWI) – test-retest repeatability and inter-protocol reproducibility. <i>NeuroImage</i> , 2023, 266, 119824.	2.1	2
10357	Proton magnetic resonance spectroscopy (MRS) in individuals with internet gaming. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	1
10359	Linear multi-scale modeling of diffusion MRI data: A framework for characterization of oriented structures across length scales. <i>Human Brain Mapping</i> , 0, , .	1.9	1
10360	The mouse claustrum synaptically connects cortical network motifs. <i>Cell Reports</i> , 2022, 41, 111860.	2.9	7
10361	Anatomical correlates of category-selective visual regions have distinctive signatures of connectivity in neonates. <i>Developmental Cognitive Neuroscience</i> , 2022, 58, 101179.	1.9	9
10363	Extra-Virgin Olive Oil Enhances the Blood-Brain Barrier Function in Mild Cognitive Impairment: A Randomized Controlled Trial. <i>Nutrients</i> , 2022, 14, 5102.	1.7	14
10364	Frailty and functional brain connectivity (FBC) in older adults with mild cognitive impairment (MCI): baseline results from the SYNERGIC Trial. <i>GeroScience</i> , 0, , .	2.1	4

#	ARTICLE	IF	CITATIONS
10365	Protocol for mouse optogenetic fMRI at ultrahigh magnetic fields. STAR Protocols, 2022, 3, 101846.	0.5	5
10367	Deeper Than You Think: Partisanship-Dependent Brain Responses in Early Sensory and Motor Brain Regions. Journal of Neuroscience, 2023, 43, 1027-1037.	1.7	6
10368	An exploratory study of functional brain activation underlying response inhibition in major depressive disorder and borderline personality disorder. PLoS ONE, 2023, 18, e0280215.	1.1	1
10370	Personalized Dietary Advice to Increase Protein Intake in Older Adults Does Not Affect the Gut Microbiota, Appetite or Central Processing of Food Stimuli in Community-Dwelling Older Adults: A Six-Month Randomized Controlled Trial. Nutrients, 2023, 15, 332.	1.7	4
10372	New 3D phase-unwrapping method based on voxel clustering and local polynomial modeling: application to quantitative susceptibility mapping. Quantitative Imaging in Medicine and Surgery, 2022, .	1.1	1
10373	Structural But Not Functional Connectivity Differences within Default Mode Network Indicate Conversion to Dementia. Journal of Alzheimer's Disease, 2023, , 1-12.	1.2	2
10374	The relationship between drop vertical jump actionâ€œobservation brain activity and kinesiophobia after anterior cruciate ligament reconstruction: A crossâ€œsectional fMRI study. Brain and Behavior, 2023, 13, .	1.0	4
10375	Association of sub-acute changes in plasma amino acid levels with long-term brain pathologies in a rat model of moderate-severe traumatic brain injury. Frontiers in Neuroscience, 0, 16, .	1.4	0
10376	Probing fMRI brain connectivity and activity changes during emotion regulation by EEG neurofeedback. Frontiers in Human Neuroscience, 0, 16, .	1.0	6
10377	Functional Network Alterations Associated with Cognition in Pre-Clinical Alzheimer's Disease. Brain Connectivity, 2023, 13, 275-286.	0.8	2
10378	Neural correlates of impulse control behaviors in Parkinsonâ€™s disease: Analysis of multimodal imaging data. NeuroImage: Clinical, 2023, 37, 103315.	1.4	4
10379	Novel insights into axon diameter and myelin content in late childhood and adolescence. Cerebral Cortex, 2023, 33, 6435-6448.	1.6	9
10382	<i>In vivo</i> imaging of cerebral glucose metabolism informs on subacute to chronic post-stroke tissue status â€œ A pilot study combining PET and deuterium metabolic imaging. Journal of Cerebral Blood Flow and Metabolism, 2023, 43, 778-790.	2.4	1
10383	Parental protection in fathers with negative caregiving experiences: Heightened amygdala reactivity to infant threatening situations. Journal of Neuroendocrinology, 2023, 35, .	1.2	0
10384	Thirty-minute motor imagery exercise aided by EEG sensorimotor rhythm neurofeedback enhances morphing of sensorimotor cortices: a double-blind sham-controlled study. Cerebral Cortex, 2023, 33, 6573-6584.	1.6	4
10385	Differential age-associated brain atrophy and white matter changes among homeless and precariously housed individuals compared with the general population. BMJ Neurology Open, 2023, 5, e000349.	0.7	1
10386	Significant age by childhood trauma interactions on grey matter volumes: a whole brain ¹ H-VBM analysis. Bipolar Disorders, 0, , .	1.1	0
10387	Application of TBSS-based machine learning models in the diagnosis of pediatric autism. Frontiers in Neurology, 0, 13, .	1.1	1

#	ARTICLE	IF	CITATIONS
10388	Brief diesel exhaust exposure acutely impairs functional brain connectivity in humans: a randomized controlled crossover study. <i>Environmental Health</i> , 2023, 22, .	1.7	5
10389	White matter alterations in MR-negative temporal and frontal lobe epilepsy using fixel-based analysis. <i>Scientific Reports</i> , 2023, 13, .	1.6	0
10390	Longitudinal associations between adolescent catch-up sleep, white-matter maturation and internalizing problems. <i>Developmental Cognitive Neuroscience</i> , 2023, 59, 101193.	1.9	3
10391	Aerobic exercise is associated with region-specific changes in volumetric, tensor-based, and fixel-based measures of white matter integrity in healthy older adults. <i>NeuroImage Reports</i> , 2023, 3, 100155.	0.5	0
10392	Effects of a probiotic add-on treatment on fronto-limbic brain structure, function, and perfusion in depression: Secondary neuroimaging findings of a randomized controlled trial. <i>Journal of Affective Disorders</i> , 2023, 324, 529-538.	2.0	6
10393	Changes in perfusion, and structure of hippocampal subfields related to cognitive impairment after ECT: A pilot study using ultra high field MRI. <i>Journal of Affective Disorders</i> , 2023, 325, 321-328.	2.0	2
10394	Resting-state connectivity and neural response to emotional images in patients with severe health anxiety: An fMRI study. <i>Journal of Affective Disorders</i> , 2023, 324, 370-378.	2.0	0
10395	Multifaceted atlases of the human brain in its infancy. <i>Nature Methods</i> , 2023, 20, 55-64.	9.0	8
10396	Dissociating Language and Thought in Human Reasoning. <i>Brain Sciences</i> , 2023, 13, 67.	1.1	2
10397	fMRIflows: A Consortium of Fully Automatic Univariate and Multivariate fMRI Processing Pipelines. <i>Brain Topography</i> , 2023, 36, 172-191.	0.8	3
10398	Functional alteration due to structural damage is network dependent: insight from multiple sclerosis. <i>Cerebral Cortex</i> , 2023, 33, 6090-6102.	1.6	1
10399	<sc>PhiPipe</sc>: A multi-modal <sc>MRI</sc> data processing pipeline with test-retest reliability and predicative validity assessments. <i>Human Brain Mapping</i> , 2023, 44, 2062-2084.	1.9	4
10400	Responses in left inferior frontal gyrus are altered for speech-noise processing, but not for clear speech in autism. <i>Brain and Behavior</i> , 2023, 13, .	1.0	5
10401	Detangling the structural neural correlates associated with resting versus dynamic phantom limb pain intensity using a voxel-based morphometry analysis. <i>Pain Medicine</i> , 0, , .	0.9	1
10402	Transcranial magnetic stimulation to the angular gyrus modulates the temporal dynamics of the hippocampus and entorhinal cortex. <i>Cerebral Cortex</i> , 2023, 33, 3255-3264.	1.6	5
10403	Interactions between the aging brain and motor task complexity across the lifespan: balancing brain activity resource demand and supply. <i>Cerebral Cortex</i> , 2023, 33, 6420-6434.	1.6	4
10404	Evidence of Chronic Complement Activation in Asymptomatic Pediatric Brain Injury Patients: A Pilot Study. <i>Children</i> , 2023, 10, 45.	0.6	1
10405	Structural and functional connectivity of the inferior temporal numeral area. <i>Cerebral Cortex</i> , 0, , .	1.6	1

#	ARTICLE	IF	CITATIONS
10406	Brain structure variability study in pilots based on VBM. PLoS ONE, 2023, 18, e0276957.	1.1	1
10409	Association between social comparison orientation and hippocampal properties in older adults: A multimodal MRI study. Social Neuroscience, 2022, 17, 544-557.	0.7	3
10410	Parallel processing relies on a distributed, low-dimensional cortico-cerebellar architecture. Network Neuroscience, 0, , 1-41.	1.4	0
10411	High-resolution 3D printing for healthcare. , 2023, , 225-271.		1
10414	Reorganization of thalamocortical connections in congenitally blind humans. Human Brain Mapping, 2023, 44, 2039-2049.	1.9	4
10415	Machine learning-based approach reveals essential features for simplified TSPO PET quantification in ischemic stroke patients. Zeitschrift Fur Medizinische Physik, 2023, , .	0.6	1
10416	Aerobic exercise increases brain vessel lumen size and blood flow in young adults with elevated blood pressure. Secondary analysis of the TEPHRA randomized clinical trial. NeuroImage: Clinical, 2023, 37, 103337.	1.4	0
10417	Rapid microscopic 3D-diffusion tensor imaging fiber-tracking of mouse brain in vivo by super resolution reconstruction: validation on MAP6-KO mouse model. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2023, 36, 577-587.	1.1	2
10419	Brain Neurodevelopmental Changes in Anorexia Nervosa. , 2023, , 1-12.		0
10420	Cognitive State Analysis, Understanding, and Decoding from the Perspective of Brain Connectivity. , 2023, , 2733-2767.		0
10421	Individual Differences in Corticostriatal White-matter Tracts Predict Successful Daily-life Routine Formation. Journal of Cognitive Neuroscience, 2023, 35, 571-587.	1.1	3
10422	Altered brain activity and functional connectivity after MDMA-assisted therapy for post-traumatic stress disorder. Frontiers in Psychiatry, 0, 13, .	1.3	8
10424	The amyloid imaging for the prevention of Alzheimer's disease consortium: A European collaboration with global impact. Frontiers in Neurology, 0, 13, .	1.1	2
10425	Cerebellar and basal ganglia structural connections in humans: Effect of aging and relation with memory and learning. Frontiers in Aging Neuroscience, 0, 15, .	1.7	1
10426	Robust associations between white matter microstructure and general intelligence. Cerebral Cortex, 2023, 33, 6723-6741.	1.6	3
10427	A multimodal imaging approach to foreign accent syndrome. A case report. Neurocase, 0, , 1-10.	0.2	0
10429	Estimating and mitigating the effects of systemic low frequency oscillations (sLFO) on resting state networks in awake non-human primates using time lag dependent methodology. , 0, 1, .		0
10430	Enhanced brain parcellation via abnormality inpainting for neuroimage-based consciousness evaluation of hydrocephalus patients by lumbar drainage. Brain Informatics, 2023, 10, .	1.8	1

#	ARTICLE	IF	CITATIONS
10431	Age- and sex-related differences in baboon (<i>Papio anubis</i>) gray matter covariation. <i>Neurobiology of Aging</i> , 2023, 125, 41-48.	1.5	0
10434	Post-mortem Magnetic Resonance Imaging of Degenerating and Reorganizing White Matter in Post-stroke Rodent Brain. <i>Methods in Molecular Biology</i> , 2023, , 153-168.	0.4	0
10435	Amyloid-PET and White Matter Hyperintensities Have Independent Effects on Baseline Cognitive Function and Synergistic Effects on Longitudinal Executive Function. <i>Brain Sciences</i> , 2023, 13, 218.	1.1	3
10436	Diffusion MRI data analysis assisted by deep learning synthesized anatomical images (DeepAnat). <i>Medical Image Analysis</i> , 2023, 86, 102744.	7.0	3
10437	Changes in Distributed Motor Network Connectivity Correlates With Functional Outcome After Surgical Resection of Brain Tumors. , 2023, 4, .		0
10438	Neural substrates of interoceptive sensibility: An integrated study in normal and pathological functioning. <i>Neuropsychologia</i> , 2023, 183, 108504.	0.7	2
10439	Axonal and myelin changes and their inter-relationship in the optic radiations in people with multiple sclerosis. <i>Multiple Sclerosis Journal - Experimental, Translational and Clinical</i> , 2023, 9, 205521732211476.	0.5	0
10440	Temporal dynamics of cerebral blood flow during the first year after moderate-severe traumatic brain injury: A longitudinal perfusion MRI study. <i>NeuroImage: Clinical</i> , 2023, 37, 103344.	1.4	6
10441	Altered functional connectivity associated with striatal dopamine depletion in Parkinsonâ€™s disease. <i>Cerebral Cortex Communications</i> , 2023, 4, .	0.7	2
10442	Age of first exposure to soccer heading: Associations with cognitive, clinical, and imaging outcomes in the Einstein Soccer Study. <i>Frontiers in Neurology</i> , 0, 14, .	1.1	1
10444	Sleepâ€dependent structural neuroplasticity after a spatial navigation task: A diffusion imaging study. <i>Journal of Neuroscience Research</i> , 2023, 101, 1031-1043.	1.3	3
10445	Brain Degeneration in Synucleinopathies Based on Analysis of Cognition and Other Nonmotor Features: A Multimodal Imaging Study. <i>Biomedicine</i> , 2023, 11, 573.	1.4	1
10446	Internal capsule microstructure mediates the relationship between childhood maltreatment and PTSD following adulthood trauma exposure. <i>Molecular Psychiatry</i> , 0, , .	4.1	0
10448	Evaluation of transorbital sonography measures of optic nerve diameter in the context of global and regional brain volume in multiple sclerosis. <i>Scientific Reports</i> , 2023, 13, .	1.6	1
10449	The Spatio-temporal Relationship Between Concurrent Lesion and Brain Atrophy Changes in Early Multiple Sclerosis: A Post-hoc Analysis of the REFLEXION Study. <i>NeuroImage: Clinical</i> , 2023, , 103397.	1.4	0
10450	In-vivo characterization of macro- and microstructural injury of the subventricular zone in relapsing-remitting and progressive multiple sclerosis. <i>Frontiers in Neuroscience</i> , 0, 17, .	1.4	0
10451	Differential Impact of Brain Network Efficiency on Poststroke Motor and Attentional Deficits. <i>Stroke</i> , 2023, 54, 955-963.	1.0	1
10452	Brainstemâ€cortex disconnection in amyotrophic lateral sclerosis: bulbar impairment, genotype associations, asymptomatic changes and biomarker opportunities. <i>Journal of Neurology</i> , 2023, 270, 3511-3526.	1.8	7

#	ARTICLE	IF	CITATIONS
10453	Phase-shifted transverse relaxation orientation dependences in human brain white matter. <i>NMR in Biomedicine</i> , 2023, 36, .	1.6	1
10454	Reproducible Tract Profiles ² (RTP2) suite, from diffusion MRI acquisition to clinical practice and research. <i>Scientific Reports</i> , 2023, 13, .	1.6	2
10455	Factors predicting the transition from acute to persistent pain in people with sciatica™: the FORECAST longitudinal prognostic factor cohort study protocol. <i>BMJ Open</i> , 2023, 13, e072832.	0.8	0
10456	Resistance Training Increases White Matter Density in Frail Elderly Women. <i>Journal of Clinical Medicine</i> , 2023, 12, 2684.	1.0	2
10457	Current practices and perspectives on the integration of contrast agents in MRI-guided radiation therapy clinical practice: A worldwide survey. <i>Clinical and Translational Radiation Oncology</i> , 2023, 40, 100615.	0.9	2
10458	Volumetric and microstructural abnormalities of the amygdala in focal epilepsy with varied levels of SUDEP risk. <i>Epilepsy Research</i> , 2023, 192, 107139.	0.8	2
10459	Failure of deactivation in bipolar disorder during performance of an fMRI adapted version of the Stroop task. <i>Journal of Affective Disorders</i> , 2023, 329, 307-314.	2.0	1
10460	YKL-40 as a novel biomarker related to white matter damage and cognitive impairment in patients with cerebral small vessel disease. <i>Brain Research</i> , 2023, 1807, 148318.	1.1	3
10461	Brain functional abnormality in drug treated and drug naïve adolescents with borderline personality disorder: Evidence for default mode network dysfunction. <i>Journal of Psychiatric Research</i> , 2023, 161, 40-47.	1.5	0
10462	A novel framework for in-vivo diffusion tensor distribution MRI of the human brain. <i>NeuroImage</i> , 2023, 271, 120003.	2.1	3
10464	Amygdala and nucleus accumbens activation during reward anticipation moderates the association between life stressor frequency and depressive symptoms. <i>Journal of Affective Disorders</i> , 2023, 330, 309-318.	2.0	1
10465	High-dose vitamin D3 supplementation in relapsing-remitting multiple sclerosis: a randomised clinical trial. <i>EClinicalMedicine</i> , 2023, 59, 101957.	3.2	6
10466	Increasing spatial frequency of S-cone defined gratings reduces their visibility and brain response more than for gratings defined by L-M cone contrast. <i>Vision Research</i> , 2023, 207, 108209.	0.7	0
10467	Characterization of motion dependent magnetic field inhomogeneity for DWI in the kidneys. <i>Magnetic Resonance Imaging</i> , 2023, 100, 93-101.	1.0	2
10468	Level-set-based multiplicative intrinsic component optimization for brain tissue segmentation in T1-W and T2-W modality MRI. <i>Expert Systems With Applications</i> , 2023, 224, 119967.	4.4	2
10469	Thalamostriatal disconnection underpins long-term seizure freedom in frontal lobe epilepsy surgery. <i>Brain</i> , 2023, 146, 2377-2388.	3.7	4
10472	Thinking versus feeling: How interoception and cognition influence emotion recognition in behavioural-variant frontotemporal dementia, Alzheimer's disease, and Parkinson's disease. <i>Cortex</i> , 2023, 163, 66-79.	1.1	7
10473	Gray and white matter abnormalities in major depressive disorder patients and its associations with childhood adversity. <i>Journal of Affective Disorders</i> , 2023, 330, 16-23.	2.0	4

#	ARTICLE	IF	CITATIONS
10474	Orientation dependent proton transverse relaxation in human brain white matter: The magic angle effect on a cylindrical helix. <i>Magnetic Resonance Imaging</i> , 2023, 100, 73-83.	1.0	1
10475	Diffusion Encoding Methods in MRI: Perspectives and Challenges. <i>Investigative Magnetic Resonance Imaging</i> , 2022, 26, 208.	0.2	3
10476	Successor-like representation guides the prediction of future events in human visual cortex and hippocampus. <i>ELife</i> , 0, 12, .	2.8	17
10477	Estimating neural activity from visual areas using functionally defined EEG templates. <i>Human Brain Mapping</i> , 2023, 44, 1846-1861.	1.9	2
10478	Reliability of Functional and Diffusion MR Imaging Near Cerebral Cavernous Malformations. <i>American Journal of Neuroradiology</i> , 2023, 44, 150-156.	1.2	1
10479	MRI texture-based radiomics analysis for the identification of altered functional networks in alcoholic patients and animal models. <i>Computerized Medical Imaging and Graphics</i> , 2023, 104, 102187.	3.5	1
10480	Functional brain network properties of healthy full-term newborns quantified by scalp and source-reconstructed EEG. <i>Clinical Neurophysiology</i> , 2023, 147, 72-80.	0.7	1
10481	Are invasive cortical stimulations effective in brain atrophy?. <i>Computers in Biology and Medicine</i> , 2023, 154, 106572.	3.9	0
10482	Graph Neural Network based Alzheimer's Disease Classification using Structural Brain Network. , 2022, , .		0
10483	Direct machine learning reconstruction of respiratory variation waveforms from resting state fMRI data in a pediatric population. <i>NeuroImage</i> , 2023, 269, 119904.	2.1	2
10484	Posterior white matter integrity and self-reported posterior cortical symptoms using the Colorado Posterior Cortical Questionnaire. <i>Frontiers in Neurology</i> , 0, 14, .	1.1	0
10485	Brain regional homogeneity and its association with age and intelligence in typically developing youth. <i>Asian Journal of Psychiatry</i> , 2023, 82, 103497.	0.9	0
10486	The Interictal Suppression Hypothesis in focal epilepsy: network-level supporting evidence. <i>Brain</i> , 2023, 146, 2828-2845.	3.7	21
10487	Brain volumetrics differ by Fiebig stage in acute HIV infection. <i>Aids</i> , 2023, 37, 861-869.	1.0	1
10488	A Preliminary Investigation into the Neural Correlates of Knee Loading during a Change of Direction Task in Individuals after Anterior Cruciate Ligament Reconstruction. <i>International Journal of Sports Physical Therapy</i> , 2023, 18, .	0.5	0
10491	Assessment of vibration modulated regional cerebral blood flow with MRI. <i>NeuroImage</i> , 2023, 269, 119934.	2.1	0
10492	Not a benign motor neuron disease: longitudinal imaging captures relentless motor connectome disintegration in primary lateral sclerosis. <i>European Journal of Neurology</i> , 2023, 30, 1232-1245.	1.7	10
10493	OViTAD: Optimized Vision Transformer to Predict Various Stages of Alzheimer's Disease Using Resting-State fMRI and Structural MRI Data. <i>Brain Sciences</i> , 2023, 13, 260.	1.1	9

#	ARTICLE	IF	CITATIONS
10494	Gastric Emptying of New-World Milk Containing A1 and A2 β -Casein Is More Rapid as Compared to Milk Containing Only A2 β -Casein in Lactose Maldigesters: A Randomized, Cross-Over Trial Using Magnetic Resonance Imaging. <i>Nutrients</i> , 2023, 15, 801.	1.7	5
10495	An optimized Δ value sampling for the quantification of interstitial fluid using diffusion-weighted MRI, a genetic algorithm approach. <i>Magnetic Resonance in Medicine</i> , 2023, 90, 194-201.	1.9	1
10496	Disordered network structure and function in dystonia: pathological connectivity vs. adaptive responses. <i>Cerebral Cortex</i> , 2023, 33, 6943-6958.	1.6	1
10497	Functional maturation in visual pathways predicts attention to the eyes in infant rhesus macaques: Effects of social status. <i>Developmental Cognitive Neuroscience</i> , 2023, 60, 101213.	1.9	0
10498	Impaired Brain Growth in Myelin Oligodendrocyte Glycoprotein Antibody-Associated Acute Disseminated Encephalomyelitis. <i>Neurology: Neuroimmunology and Neuroinflammation</i> , 2023, 10, .	3.1	4
10499	A stimulus-driven approach reveals vertical luminance gradient as a stimulus feature that drives human cortical scene selectivity. <i>NeuroImage</i> , 2023, 269, 119935.	2.1	1
10500	Impaired oxygen extraction and adaptation of intracellular energy metabolism in cerebral small vessel disease. <i>Cerebral Circulation - Cognition and Behavior</i> , 2023, 4, 100162.	0.4	1
10501	Time-varying SUVR reflects the dynamics of dopamine increases during methylphenidate challenges in humans. <i>Communications Biology</i> , 2023, 6, .	2.0	3
10502	Diffusion tensor tractography of the corticobulbar tract in a dysphagic patient with progressive supranuclear palsy: A case report. <i>Medicine (United States)</i> , 2023, 102, e32898.	0.4	0
10503	Neural activity tracking identity and confidence in social information. <i>ELife</i> , 0, 12, .	2.8	3
10504	Associations between N-Acetylaspartate and white matter integrity in individuals with schizophrenia and unaffected relatives. <i>Psychiatry Research - Neuroimaging</i> , 2023, 330, 111612.	0.9	2
10505	High serum neurofilament light chain levels correlate with brain atrophy and physical disability in multiple sclerosis. <i>European Journal of Neurology</i> , 2023, 30, 1389-1399.	1.7	3
10506	Applications of Deep Learning to Neurodevelopment in Pediatric Imaging: Achievements and Challenges. <i>Applied Sciences (Switzerland)</i> , 2023, 13, 2302.	1.3	2
10507	The Mediating Role of Brain Structural Imaging Markers in Connecting Adverse Childhood Experiences and Psychological Resilience. <i>Children</i> , 2023, 10, 365.	0.6	1
10508	Reverberant magnetic resonance elastographic imaging using a single mechanical driver. <i>Physics in Medicine and Biology</i> , 2023, 68, 055015.	1.6	4
10509	Parkinsonism Is Associated with Altered SMA-Basal Ganglia Structural and Functional Connectivity in Frontotemporal Degeneration. <i>Biomedicines</i> , 2023, 11, 522.	1.4	0
10511	Brain volumetric and white matter structural connectivity alterations in autistic children: case-control study. <i>Egyptian Journal of Radiology and Nuclear Medicine</i> , 2023, 54, .	0.3	4
10512	Greater subjective cognitive decline severity is associated with worse memory performance and lower entorhinal cerebral blood flow in healthy older adults. <i>Journal of the International Neuropsychological Society</i> , 2024, 30, 1-10.	1.2	0

#	ARTICLE	IF	CITATIONS
10513	Cognitive and neuroimaging outcomes in individuals with benign and low-grade brain tumours receiving radiotherapy: a protocol for a prospective cohort study. <i>BMJ Open</i> , 2023, 13, e066458.	0.8	3
10514	Greater accelerometer-measured physical activity is associated with better cognition and cerebrovascular health in older adults. <i>Journal of the International Neuropsychological Society</i> , 2023, 29, 859-869.	1.2	3
10516	Longitudinal associations between mother-child attachment security in toddlerhood and white matter microstructure in late childhood: a preliminary investigation. <i>Attachment and Human Development</i> , 2023, 25, 291-310.	1.2	0
10517	Interconnected sub-networks of the macaque monkey gustatory connectome. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	0
10518	Genetic architecture of the white matter connectome of the human brain. <i>Science Advances</i> , 2023, 9, .	4.7	13
10519	Neuroplasticity enables bio-cultural feedback in Paleolithic stone-tool making. <i>Scientific Reports</i> , 2023, 13, .	1.6	1
10520	Neuroimaging features of depressionâ€œfrailty phenotype in older adults: a pilot study. <i>International Psychogeriatrics</i> , 2023, 35, 717-723.	0.6	1
10521	A longitudinal microstructural MRI dataset in healthy C57Bl/6 mice at 9.4 Tesla. <i>Scientific Data</i> , 2023, 10, .	2.4	1
10522	Integrated diffusion image operator (<scp>iDIO</scp>): A pipeline for automated configuration and processing of diffusion <scp>MRI</scp> data. <i>Human Brain Mapping</i> , 2023, 44, 2669-2683.	1.9	2
10524	Cortico-striatal networking deficits associated with advanced HIV disease and cocaine use. <i>Journal of NeuroVirology</i> , 0, , .	1.0	1
10526	Intraparietal stimulation disrupts negative distractor effects in human multi-alternative decision-making. <i>ELife</i> , 0, 12, .	2.8	2
10528	Identifying patients with acute ischemic stroke within a 6-h window for the treatment of endovascular thrombectomy using deep learning and perfusion imaging. <i>Frontiers in Medicine</i> , 0, 10, .	1.2	3
10530	Anxiety attenuates learning advantages conferred by statistical stability and induces loss of volatilityâ€œattuning in brain activity. <i>Human Brain Mapping</i> , 2023, 44, 2557-2571.	1.9	1
10534	Composite Measures of Brain Activation Predict Individual Differences in Behavioral Stroop Interference. <i>Journal of Cognitive Neuroscience</i> , 2023, 35, 781-801.	1.1	0
10535	The characteristics of brain structural remodeling in patients with unilateral vestibular schwannoma. <i>Journal of Neuro-Oncology</i> , 2023, 162, 79-91.	1.4	0
10536	Using The Virtual Brain to study the relationship between structural and functional connectivity in patients with multiple sclerosis: a multicenter study. <i>Cerebral Cortex</i> , 2023, 33, 7322-7334.	1.6	1
10537	Behavioral-play familiarization for non-sedated magnetic resonance imaging in young children with mild traumatic brain injury. <i>Pediatric Radiology</i> , 2023, 53, 1153-1162.	1.1	0
10538	Word-producing brain: Contribution of the left anterior middle temporal gyrus to word production patterns in spoken language. <i>Brain and Language</i> , 2023, 238, 105233.	0.8	3

#	ARTICLE	IF	CITATIONS
10540	Column-based cortical depth analysis of the diffusion anisotropy and radially in submillimeter whole-brain diffusion tensor imaging of the human cortical gray matter in vivo. <i>NeuroImage</i> , 2023, 270, 119993.	2.1	2
10541	Resting-state functional connectivity in lifelong musicians. <i>Psychoradiology</i> , 2023, 3, .	1.0	0
10542	A new approach to digitized cognitive monitoring: validity of the SelfCog in Huntington's disease. <i>Brain Communications</i> , 2023, 5, .	1.5	0
10543	Aberrant frontal lobe "U-shaped association fibers in first-episode schizophrenia: A 7-Tesla Diffusion Imaging Study. <i>NeuroImage: Clinical</i> , 2023, 38, 103367.	1.4	0
10544	Central vein sign and diffusion MRI differentiate microstructural features within white matter lesions of multiple sclerosis patients with comorbidities. <i>Frontiers in Neurology</i> , 0, 14, .	1.1	1
10545	Assessing Pediatric Mild Traumatic Brain Injury and Its Recovery Using Resting-State Magnetoencephalography Source Magnitude Imaging and Machine Learning. <i>Journal of Neurotrauma</i> , 2023, 40, 1112-1129.	1.7	2
10548	Blood-brain barrier water exchange measurements using FEXI: Impact of modeling paradigm and relaxation time effects. <i>Magnetic Resonance in Medicine</i> , 2023, 90, 34-50.	1.9	5
10549	Brain Structural Saliency over the Ages. <i>Lecture Notes in Computer Science</i> , 2023, , 525-548.	1.0	0
10550	Molecular and network-level mechanisms explaining individual differences in autism spectrum disorder. <i>Nature Neuroscience</i> , 2023, 26, 650-663.	7.1	24
10551	Differential Brain Structural and Functional Patterns in Crohn's Disease Patients are Associated with Different Disease Stages. <i>Inflammatory Bowel Diseases</i> , 2023, 29, 1297-1305.	0.9	3
10552	Universality and language specificity of brain reading networks: A developmental perspective. <i>Developmental Science</i> , 0, , .	1.3	1
10553	The relationship between brain atrophy and brain network connection in Alzheimer's disease. , 2022, , .		0
10554	MFGAN: A medical image fusion generative adversarial network Using attention mechanism. , 2022, , .		0
10555	Correlation between the Regional Brain Volume and Glymphatic System Activity in Progressive Supranuclear Palsy. <i>Dementia and Geriatric Cognitive Disorders</i> , 2023, 52, 177-183.	0.7	1
10556	Acetazolamide-augmented BOLD MRI to Assess Whole-Brain Cerebrovascular Reactivity in Chronic Steno-occlusive Disease Using Principal Component Analysis. <i>Radiology</i> , 2023, 307, .	3.6	2
10557	The influence of culture and cognitive reserve on the clinical presentation of behavioural-variant frontotemporal dementia. <i>Journal of Neurology</i> , 2023, 270, 3192-3203.	1.8	1
10559	Electric Field, Ictal Theta Power, and Clinical Outcomes in Electroconvulsive Therapy. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2023, 8, 760-767.	1.1	1
10560	Functional mapping of sensorimotor activation in the human thalamus at 9.4 Tesla. <i>Frontiers in Neuroscience</i> , 0, 17, .	1.4	3

#	ARTICLE	IF	CITATIONS
10561	The occipital place area represents visual information about walking, not crawling. <i>Cerebral Cortex</i> , 2023, 33, 7500-7505.	1.6	4
10562	Threat and Reward Imminence Processing in the Human Brain. <i>Journal of Neuroscience</i> , 2023, 43, 2973-2987.	1.7	6
10563	A comparison of ventricular volume and linear indices in predicting shunt dependence in aneurysmal subarachnoid hemorrhage. <i>World Neurosurgery: X</i> , 2023, 19, 100181.	0.6	0
10564	Abnormal thalamic functional connectivity correlates with cardiorespiratory fitness and physical activity in progressive multiple sclerosis. <i>Journal of Neurology</i> , 2023, 270, 3213-3224.	1.8	3
10566	Human brain effects of DMT assessed via EEG-fMRI. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2023, 120, .	3.3	47
10567	Sex differences in resting state functional connectivity across the first two years of life. <i>Developmental Cognitive Neuroscience</i> , 2023, 60, 101235.	1.9	2
10568	The role of puberty on physical and brain development: A longitudinal study in male Rhesus Macaques. <i>Developmental Cognitive Neuroscience</i> , 2023, 60, 101237.	1.9	1
10569	Habitual daily intake of a sweet and fatty snack modulates reward processing in humans. <i>Cell Metabolism</i> , 2023, 35, 571-584.e6.	7.2	19
10570	Neural Correlates of Formal Thought Disorder Dimensions in Psychosis. <i>Schizophrenia Bulletin</i> , 2023, 49, S104-S114.	2.3	4
10571	Loss of fatty acid degradation by astrocytic mitochondria triggers neuroinflammation and neurodegeneration. <i>Nature Metabolism</i> , 2023, 5, 445-465.	5.1	33
10572	Analyzing structural and functional brain changes related to an integrative cognitive remediation program for schizophrenia: A randomized controlled trial. <i>Schizophrenia Research</i> , 2023, 255, 82-92.	1.1	1
10573	Microglial activation persists beyond clinical recovery following sport concussion in collegiate athletes. <i>Frontiers in Neurology</i> , 0, 14, .	1.1	3
10576	Understanding aliasing effects and their removal in <sc>SPEN MRI</sc> : A k-space perspective. <i>Magnetic Resonance in Medicine</i> , 0, , .	1.9	0
10577	Prediction of motion induced magnetic fields for human brain MRI at 3Å. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 0, , .	1.1	0
10579	Quantification approaches for magnetic resonance imaging following intravenous gadolinium injection: A window into brain-wide glymphatic function. <i>European Journal of Neuroscience</i> , 2023, 57, 1689-1704.	1.2	6
10581	Neural correlates of gait adaptation in younger and older adults. <i>Scientific Reports</i> , 2023, 13, .	1.6	0
10582	Assessing the structure of the posterior visual pathway in bilateral macular degeneration. <i>Scientific Reports</i> , 2023, 13, .	1.6	0
10584	Effect of vitamin D supplementation on cerebral blood flow in male patients with adrenoleukodystrophy. <i>Journal of Neuroscience Research</i> , 2023, 101, 1086-1097.	1.3	0

#	ARTICLE	IF	CITATIONS
10585	Comparison of Diagnostic Performance and Image Quality between Topup-Corrected and Standard Readout-Segmented Echo-Planar Diffusion-Weighted Imaging for Cholesteatoma Diagnostics. Diagnostics, 2023, 13, 1242.	1.3	0
10586	Relationship between white matter alterations and contamination subgroup in obsessive compulsive disorder: A <sc>diffusion tensor imaging</sc> study. Human Brain Mapping, 2023, 44, 3302-3310.	1.9	2
10587	Leptomeningeal Collateral Status by Signal Variance in Perfusion Magnetic Resonance Imaging: Association With Initial Stroke Severity and Early Functional Outcome After Thrombectomy. , 2023, 3, .		0
10588	Eigenvector centrality dynamics are related to Alzheimer's disease pathological changes in non-demented individuals. Brain Communications, 2023, 5, .	1.5	3
10589	Do the negative symptoms of schizophrenia reflect reduced responsiveness to reward? Examination using a reward prediction error (RPE) task. Psychological Medicine, 2023, 53, 7106-7115.	2.7	1
10590	Functional and structural brain network development in children with attention deficit hyperactivity disorder. Human Brain Mapping, 2023, 44, 3394-3409.	1.9	7
10591	Central Executive and Default Mode Networks: An Appraisal of Executive Function and Social Skill Brain-Behavior Correlates in Youth with Autism Spectrum Disorder. Journal of Autism and Developmental Disorders, 0, , .	1.7	3
10592	Pre-surgical features of intrinsic brain networks predict single and joint epilepsy surgery outcomes. NeuroImage: Clinical, 2023, 38, 103387.	1.4	3
10593	Correlation of abnormal brain changes with perinatal factors in very preterm infants based on diffusion tensor imaging. Frontiers in Neuroscience, 0, 17, .	1.4	0
10594	Diaschisis Profiles in the Cerebellar Response to Hemodynamic Stimuli: Insights From Dynamic Measurement of Cerebrovascular Reactivity to Identify Occult and Transient Maxima. Journal of Magnetic Resonance Imaging, 2023, 58, 1462-1469.	1.9	2
10595	White matter microstructure is associated with the precision of visual working memory. NeuroImage, 2023, 272, 120069.	2.1	0
10596	Whole-brain mapping of effective connectivity by fMRI with cortex-wide patterned optogenetics. Neuron, 2023, 111, 1732-1747.e6.	3.8	7
10597	Face-Selective Patches in Marmosets Are Involved in Dynamic and Static Facial Expression Processing. Journal of Neuroscience, 2023, 43, 3477-3494.	1.7	6
10599	The right uncinate fasciculus supports verbal short-term memory in aphasia. Brain Structure and Function, 2023, 228, 875-893.	1.2	1
10601	Associations between thalamocortical functional connectivity and sensory over-responsivity in infants at high likelihood for ASD. Cerebral Cortex, 2023, 33, 8075-8086.	1.6	3
10603	Shared imaging markers of fatigue across multiple sclerosis, aquaporin-4 antibody neuromyelitis optica spectrum disorder and MOG antibody disease. Brain Communications, 0, , .	1.5	0
10604	Funcmasker-flex: An Automated BIDS-App for Brain Segmentation of Human Fetal Functional MRI data. Neuroinformatics, 0, , .	1.5	1
10605	Contrast Enhanced Magnetic Resonance Imaging of Amyloid- β^2 Plaques in a Murine Alzheimer's Disease Model. Journal of Alzheimer's Disease, 2023, , 1-9.	1.2	0

#	ARTICLE	IF	CITATIONS
10606	Fibre density and fibre-bundle cross-section of the corticospinal tract are distinctly linked to psychosis-specific symptoms in antipsychotic-naïve patients with first-episode schizophrenia. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 0, , .	1.8	0
10607	Volumetric measurements of brain in multiple sclerosis: comparison of segmentation methods in simulated MRI data. , 2023, , .		0
10608	QuNexâ€”An integrative platform for reproducible neuroimaging analytics. <i>Frontiers in Neuroinformatics</i> , 0, 17, .	1.3	7
10609	DrDisco: Deep Registration for Distortion Correction of diffusion MRI with single phase-encoding. , 2023, , .		2
10610	SynBOLD-DisCo: synthetic BOLD images for distortion correction of fMRI without additional calibration scans. , 2023, , .		0
10611	Negative Stressful Life Events and Social Support Are Associated With White Matter Integrity in Depressed Patients and Healthy Control Participants: A Diffusion Tensor Imaging Study. <i>Biological Psychiatry</i> , 2023, 94, 650-660.	0.7	2
10612	The Consistence of Dynamic Contrastâ€”Enhanced <scp>MRI</scp> and Filterâ€”Exchange Imaging in Measuring Water Exchange Across the Bloodâ€”Brain Barrier in Highâ€”Grade Glioma. <i>Journal of Magnetic Resonance Imaging</i> , 0, , .	1.9	1
10613	Functional neural network connectivity at 3â€”months predicts infant-mother dyadic flexibility during play at 6â€”months. <i>Cerebral Cortex</i> , 0, , .	1.6	0
10615	Degeneration of nigrostriatal pathway in patients with middle cerebral infarct: A diffusion tensor imaging study. <i>Medicine (United States)</i> , 2023, 102, e33370.	0.4	1
10616	Response assignment influences visual recognition. <i>Attention, Perception, and Psychophysics</i> , 0, , .	0.7	0
10617	Brain motion networks predict head motion during rest- and task-fMRI. <i>Frontiers in Neuroscience</i> , 0, 17, .	1.4	1
10618	Effects of gait training on structural brain changes in Parkinsonâ€”s disease. <i>Restorative Neurology and Neuroscience</i> , 2023, , 1-18.	0.4	0
10619	Diffusion Tensor Imaging to Predict Neurodevelopmental Impairment in Infants after Hypoxicâ€”Ischemic Injury. <i>American Journal of Perinatology</i> , 0, , .	0.6	1
10620	Prenatal Morphine Exposure Increases Cardiovascular Disease Risk and Programs Neurogenic Hypertension in the Adult Offspring. <i>Hypertension</i> , 2023, 80, 1283-1296.	1.3	3
10621	Correspondence of functional connectivity gradients across human isocortex, cerebellum, and hippocampus. <i>Communications Biology</i> , 2023, 6, .	2.0	12
10622	In vivo detection of substantia nigra and locus coeruleus volume loss in Parkinsonâ€”s disease using neuromelanin-sensitive MRI: Replication in two cohorts. <i>PLoS ONE</i> , 2023, 18, e0282684.	1.1	4
10624	The human cerebellum in reward anticipation and outcome processing: An activation likelihood estimation meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2023, 149, 105171.	2.9	11
10625	Fixed Time-Point Analysis Reveals Repetitive Mild Traumatic Brain Injury Effects on Resting State Functional Magnetic Resonance Imaging Connectivity and Neuro-Spatial Protein Profiles. <i>Journal of Neurotrauma</i> , 2023, 40, 2037-2049.	1.7	6

#	ARTICLE	IF	CITATIONS
10626	Unsupervised cycle-consistent network using restricted subspace field map for removing susceptibility artifacts in EPI. <i>Magnetic Resonance in Medicine</i> , 2023, 90, 458-472.	1.9	2
10627	Big Field of View MRI T1w and FLAIR Template - NMRI225. <i>Scientific Data</i> , 2023, 10, .	2.4	2
10628	Hemodynamic timing in resting-state and breathing-task BOLD fMRI. <i>NeuroImage</i> , 2023, 274, 120120.	2.1	3
10630	Whole brain surface-based morphometry and tract-based spatial statistics in migraine with aura patients: difference between pure visual and complex auras. <i>Frontiers in Human Neuroscience</i> , 0, 17, .	1.0	6
10632	Functional connectivity in older adults – the effect of cerebral small vessel disease. <i>Brain Communications</i> , 0, , .	1.5	1
10633	Microstructural and functional impairment of the basal ganglia in Wilson’s disease: a multimodal neuroimaging study. <i>Frontiers in Neuroscience</i> , 0, 17, .	1.4	0
10635	Gamma neuromodulation improves episodic memory and its associated network in amnesic mild cognitive impairment: a pilot study. <i>Neurobiology of Aging</i> , 2023, 129, 72-88.	1.5	3
10636	Virtual high-resolution MR angiography from non-angiographic multi-contrast MRIs: synthetic vascular model populations for in-silico trials. <i>Medical Image Analysis</i> , 2023, 87, 102814.	7.0	0
10637	Cannabis Use and Endocannabinoid Receptor Genes: A Pilot Study on Their Interaction on Brain Activity in First-Episode Psychosis. <i>International Journal of Molecular Sciences</i> , 2023, 24, 7501.	1.8	0
10638	Lumbar endplate microfracture injury induces Modic-like changes, intervertebral disc degeneration and spinal cord sensitization – an in vivo rat model. <i>Spine Journal</i> , 2023, 23, 1375-1388.	0.6	3
10639	Accurate Bayesian segmentation of thalamic nuclei using diffusion MRI and an improved histological atlas. <i>NeuroImage</i> , 2023, 274, 120129.	2.1	3
10640	A deep connectome learning network using graph convolution for connectome-disease association study. <i>Neural Networks</i> , 2023, 164, 91-104.	3.3	3
10679	Editorial: Demonstrating quality control (QC) procedures in fMRI. <i>Frontiers in Neuroscience</i> , 0, 17, .	1.4	1
10706	Evaluating Passive Myocardial Stiffness Using in vivo cine, cDTI, and Tagged MRI. <i>Lecture Notes in Computer Science</i> , 2023, , 527-536.	1.0	0
10760	Applications of MRI to Psychopharmacology. , 2023, , 861-876.		0
10857	Psychiatric sequelae of traumatic brain injury – future directions in research. <i>Nature Reviews Neurology</i> , 2023, 19, 556-571.	4.9	3
10882	A Multimodal Deep Learning Approach for Automated Detection and Characterization of Distinctly Salient Features of Alzheimers Disease. , 2023, , .		0
10883	Federated Learning on Heterogeneous Diffusion-Weighted Imaging Data for Acute Stroke Infarct Segmentation. , 2023, , .		0

#	ARTICLE	IF	CITATIONS
10884	PA-GAN: Parallel Attention Based Gan for Enhancement of FODF. , 2023, , .		0
10898	Multimodal MRI study on the relation between WM integrity and connected GM atrophy and its effect on disability in early multiple sclerosis. Journal of Neurology, 0, , .	1.8	0
10911	Neuralizer: General Neuroimage Analysis without Re-Training. , 2023, , .		1
10946	Comparison between Synb0-Disco and Fieldmap-Based Methods to Correct for Distortion Artifacts in Diffusion MRI. , 2023, , .		0
10947	Denoising of fMRI Volumes Using Local Low Rank Methods. , 2023, , .		0
10949	Using Synthetic Training Data in Neural Networks for the Estimation of Fiber Orientation Distribution Functions from Single Shell Data. , 2023, , .		0
10950	Incomplete Hippocampal Inversion and Hippocampal Subfield Volumes: Implementation and Inter-Reliability of Automatic Segmentation. , 2023, , .		1
10997	Language deficits in primary lateral sclerosis: cortical atrophy, white matter degeneration and functional disconnection between cerebral regions. Journal of Neurology, 0, , .	1.8	0
11001	Improved Multi-shot Diffusion-Weighted MRI with Zero-Shot Self-supervised Learning Reconstruction. Lecture Notes in Computer Science, 2023, , 457-466.	1.0	0
11003	Path-Based Heterogeneous Brain Transformer Network for Resting-State Functional Connectivity Analysis. Lecture Notes in Computer Science, 2023, , 328-337.	1.0	0
11004	One-Shot Traumatic Brain Segmentation with Adversarial Training and Uncertainty Rectification. Lecture Notes in Computer Science, 2023, , 120-129.	1.0	1
11006	Neural Pre-processing: A Learning Framework for End-to-End Brain MRI Pre-processing. Lecture Notes in Computer Science, 2023, , 258-267.	1.0	2
11022	Diffusion-Weighted Imaging. Use RI, 2023, , 85-153.	0.3	0
11028	Structural MRI Harmonization via Disentangled Latent Energy-Based Style Translation. Lecture Notes in Computer Science, 2024, , 1-11.	1.0	0
11039	Examining the Impact of fMRI Preprocessing Steps on Machine Learning-Based Classification of Autism Spectrum Disorder. , 2023, , .		1
11088	Characterization of Atypical Corticospinal Tract Microstructure and Hand Impairments in Early-Onset Hemiplegic Cerebral Palsy: Preliminary Findings. , 2023, , .		0
11110	Multimodal Deep Learning for Pediatric Mild Traumatic Brain Injury Detection. , 2023, , .		0
11155	Early Diagnosis of Mild Cognitive Impairment Using Deep Neural Network with Single and Multi-input Analysis. , 2023, , .		0

#	ARTICLE	IF	CITATIONS
11164	Amelioration of Parkinsonian tremor evoked by DBS: which role play cerebello-(sub)thalamic fiber tracts?. Journal of Neurology, 2024, 271, 1451-1461.	1.8	0
11165	Exercise habits and mental health: Exploring the significance of multimodal imaging markers. Progress in Brain Research, 2023, , .	0.9	0
11218	Acceleration of Multi-Direction Diffusion MRI Using EPI with Keyhole (EPIK) and Locally Low-Rank Tensor Reconstruction. , 2023, , .		0
11253	Non-Cartesian Non-Fourier fMRI Imaging for High-Resolution Retinotopic Mapping at 7 Tesla. , 2023, , .		0
11264	A Two-Species Model for Abnormal Tau Dynamics in Alzheimer's Disease. Lecture Notes in Computer Science, 2023, , 69-79.	1.0	0
11303	Big and deep data aggregation and analysis strategies for human neuroscience. , 2024, , .		0
11310	Improving fMRI-based Autism Spectrum Disorder Classification with Random Walks-informed Feature Extraction and Selection. , 2023, , .		0
11314	A Dynamic Fitting Method for Hybrid Time-Delayed and Uncertain Internally-Coupled Complex Networks: From Kuramoto Model to Neural Mass Model. Studies in Computational Intelligence, 2024, , 27-38.	0.7	0
11348	Performance Evaluation of Vanilla, Residual, and Dense 2D U-Net Architectures for Skull Stripping of Augmented 3D T1-Weighted MRI Head Scans. Communications in Computer and Information Science, 2024, , 131-142.	0.4	0