

# Nonparametric permutation tests for functional neuroi

Human Brain Mapping

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Functional brain imaging of acute pain in healthy humans. , 0, , 329-422.		0
2	A seventeenth-century case of jacksonian epilepsy. <i>Neurology</i> , 1985, 35, 30-30.	1.5	3
3	Statistical atlases. , 2001, , 240-250.		0
4	Genetic Contributions to Regional Variability in Human Brain Structure: Methods and Preliminary Results. <i>NeuroImage</i> , 2002, 17, 256-271.	2.1	195
5	Structural Gray Matter Differences between First-Episode Schizophrenics and Normal Controls Using Voxel-Based Morphometry. <i>NeuroImage</i> , 2002, 17, 880-889.	2.1	211
6	Multidimensional Scaling of Integrated Neurocognitive Function and Schizophrenia as a Disconnexion Disorder. <i>NeuroImage</i> , 2002, 17, 1227-1239.	2.1	30
7	Voxel-Based Morphometric Analysis of Gray Matter in First Episode Schizophrenia. <i>NeuroImage</i> , 2002, 17, 1711-1719.	2.1	329
9	Characterizing instantaneous phase relationships in whole-brain fMRI activation data. <i>Human Brain Mapping</i> , 2002, 16, 71-80.	1.9	30
10	Statistical analysis of multiplex brain gene expression images. <i>Neurochemical Research</i> , 2002, 27, 1113-1121.	1.6	4
11	Randomization-Based Hypothesis Testing from Event-Related Data. <i>Brain Topography</i> , 2003, 16, 225-232.	0.8	24
12	Changes in cerebral blood flow in Asperger syndrome during theory of mind tasks presented by the auditory route. <i>European Child and Adolescent Psychiatry</i> , 2003, 12, 178-189.	2.8	57
13	Neuromagnetic imaging of cortical oscillations accompanying tactile stimulation. <i>Cognitive Brain Research</i> , 2003, 17, 599-611.	3.3	197
14	Functional anatomy of impaired selective attention and compensatory processing in autism. <i>Cognitive Brain Research</i> , 2003, 17, 651-664.	3.3	225
15	Computer-assisted imaging to assess brain structure in healthy and diseased brains. <i>Lancet Neurology</i> , The, 2003, 2, 79-88.	4.9	354
16	The BOLD response and the gamma oscillations respond differently than evoked potentials: an interleaved EEG-fMRI study. <i>BMC Neuroscience</i> , 2003, 4, 22.	0.8	86
17	High-resolution time course of hemispheric dominance revealed by low-resolution electromagnetic tomography. <i>Clinical Neurophysiology</i> , 2003, 114, 1181-1188.	0.7	49
18	Voxel-based morphometry of grey matter densities in subjects at high risk of schizophrenia. <i>Schizophrenia Research</i> , 2003, 64, 1-13.	1.1	167
19	Characterizing volume and surface deformations in an atlas framework: theory, applications, and implementation. <i>NeuroImage</i> , 2003, 18, 769-788.	2.1	96

#	ARTICLE	IF	CITATIONS
20	Adaptive analysis of fMRI data. <i>NeuroImage</i> , 2003, 19, 837-845.	2.1	179
21	An intensity consistent filtering approach to the analysis of deformation tensor derived maps of brain shape. <i>NeuroImage</i> , 2003, 19, 1638-1649.	2.1	42
22	Group imaging of task-related changes in cortical synchronisation using nonparametric permutation testing. <i>NeuroImage</i> , 2003, 19, 1589-1601.	2.1	215
23	Automated detection of gray matter malformations using optimized voxel-based morphometry: a systematic approach. <i>NeuroImage</i> , 2003, 20, 330-343.	2.1	95
24	Functional neuroanatomy of learned helplessness. <i>NeuroImage</i> , 2003, 20, 927-939.	2.1	33
25	Wavelets and statistical analysis of functional magnetic resonance images of the human brain. <i>Statistical Methods in Medical Research</i> , 2003, 12, 375-399.	0.7	119
26	Validating cluster size inference: random field and permutation methods. <i>NeuroImage</i> , 2003, 20, 2343-2356.	2.1	449
27	Amygdala hyperreactivity in borderline personality disorder: implications for emotional dysregulation. <i>Biological Psychiatry</i> , 2003, 54, 1284-1293.	0.7	596
28	The relationship between reaction time, error rate and anterior cingulate cortex activity. <i>International Journal of Psychophysiology</i> , 2003, 47, 175-183.	0.5	56
29	Low-resolution electromagnetic tomography (LORETA) of cerebral activity in chronic depressive disorder. <i>International Journal of Psychophysiology</i> , 2003, 49, 175-185.	0.5	95
30	Controlling the familywise error rate in functional neuroimaging: a comparative review. <i>Statistical Methods in Medical Research</i> , 2003, 12, 419-446.	0.7	1,023
31	Multiresolution fMRI activation detection using translation invariant wavelet transform and statistical analysis based on resampling. <i>IEEE Transactions on Medical Imaging</i> , 2003, 22, 302-314.	5.4	23
32	Quantification of the relationship between magnetoencephalographic (MEG) and blood oxygenation dependent (BOLD) images of brain function. , 0, , .		2
33	Permutation Tests for Classification: Towards Statistical Significance in Image-Based Studies. <i>Lecture Notes in Computer Science</i> , 2003, 18, 330-341.	1.0	254
34	The eye's mind: brain mapping and psychiatry. <i>British Journal of Psychiatry</i> , 2003, 182, 381-384.	1.7	23
35	Functional magnetic resonance imaging in psychiatry: where are we now and where are we going?. , 2003, , 171-180.		0
36	Spatiotemporal Localization of Significant Activation in MEG Using Permutation Tests. <i>Lecture Notes in Computer Science</i> , 2003, 18, 512-523.	1.0	26
37	Dynamics of Gray Matter Loss in Alzheimer's Disease. <i>Journal of Neuroscience</i> , 2003, 23, 994-1005.	1.7	998

#	ARTICLE	IF	CITATIONS
38	Nonparametric Permutation Tests for Functional Neuroimaging. , 2004, , 887-910.		27
39	Enhancing Power While Controlling Family-Wise Error: An Illustration of the Issues Using Electrocardial Studies. Journal of Clinical and Experimental Neuropsychology, 2004, 26, 320-331.	0.8	33
40	Towards Functional Noninvasive Imaging of Excitable Tissues Inside the Human Body Using Focused Microwave Radiometry. IEEE Transactions on Microwave Theory and Techniques, 2004, 52, 1898-1908.	2.9	50
41	Statistical surface-based morphometry using a non-parametric approach. , 0, , .		20
42	Functional magnetic resonance imaging of the cerebral response to visual stimulation in medically unexplained visual loss. Psychological Medicine, 2004, 34, 583-589.	2.7	77
43	Neural Correlates of First-Person Perspective as One Constituent of Human Self-Consciousness. Journal of Cognitive Neuroscience, 2004, 16, 817-827.	1.1	475
44	Chronic Back Pain Is Associated with Decreased Prefrontal and Thalamic Gray Matter Density. Journal of Neuroscience, 2004, 24, 10410-10415.	1.7	1,223
45	New procedures for false discovery control. , 0, , .		0
46	Human Central Auditory Plasticity Associated With Tone Sequence Learning. Learning and Memory, 2004, 11, 162-171.	0.5	68
47	Heterozygous PAX6 mutation, adult brain structure and fronto-striato-thalamic function in a human family. European Journal of Neuroscience, 2004, 19, 1505-1512.	1.2	59
48	When "go" and "nogo" are equally frequent: ERP components and cortical tomography. European Journal of Neuroscience, 2004, 20, 2483-2488.	1.2	186
49	Local sleep and learning. Nature, 2004, 430, 78-81.	13.7	1,689
50	Mechanisms underlying fatigue: a voxel-based morphometric study of chronic fatigue syndrome. BMC Neurology, 2004, 4, 14.	0.8	184
51	Functional coupling of simultaneous electrical and metabolic activity in the human brain. Human Brain Mapping, 2004, 21, 257-270.	1.9	197
52	Permutation tests for factorially designed neuroimaging experiments. Human Brain Mapping, 2004, 22, 193-205.	1.9	92
53	Comparison of Fourier and wavelet resampling methods. Magnetic Resonance in Medicine, 2004, 51, 418-422.	1.9	22
54	Combining voxel intensity and cluster extent with a permutation test framework. , 0, , .		0
55	Functional MRI predicts post-surgical memory following temporal lobectomy. Brain, 2004, 127, 2286-2298.	3.7	213

#	ARTICLE	IF	CITATIONS
56	Event-related potential P2 derived from visual attention to the hemi-space. Source localization with LORETA. International Congress Series, 2004, 1270, 262-265.	0.2	20
57	Brain areas and time course of emotional processing. NeuroImage, 2004, 21, 1189-1203.	2.1	217
58	Deformation tensor morphometry of semantic dementia with quantitative validation. NeuroImage, 2004, 21, 1387-1398.	2.1	115
59	Voxel-based morphometry of comorbid schizophrenia and learning disability: analyses in normalized and native spaces using parametric and nonparametric statistical methods. NeuroImage, 2004, 22, 188-202.	2.1	50
60	Multilevel linear modelling for fMRI group analysis using Bayesian inference. NeuroImage, 2004, 21, 1732-1747.	2.1	1,476
61	An evaluation of thresholding techniques in fMRI analysis. NeuroImage, 2004, 22, 95-108.	2.1	109
62	Nonstationary cluster-size inference with random field and permutation methods. NeuroImage, 2004, 22, 676-687.	2.1	621
63	Dissociating the spatio-temporal characteristics of cortical neuronal activity associated with human volitional swallowing in the healthy adult brain. NeuroImage, 2004, 22, 1447-1455.	2.1	97
64	Mapping hippocampal and ventricular change in Alzheimer disease. NeuroImage, 2004, 22, 1754-1766.	2.1	554
65	Combining voxel intensity and cluster extent with permutation test framework. NeuroImage, 2004, 23, 54-63.	2.1	236
66	Less white matter concentration in autism: 2D voxel-based morphometry. NeuroImage, 2004, 23, 242-251.	2.1	145
67	Spatiotemporal analysis of event-related fMRI data using partial least squares. NeuroImage, 2004, 23, 764-775.	2.1	305
68	Magnetoencephalographic gamma-band responses to illusory triangles in humans. NeuroImage, 2004, 23, 551-560.	2.1	73
69	Improving permutation test power for group analysis of spatially filtered MEG data. NeuroImage, 2004, 23, 983-996.	2.1	92
70	Wavelets and functional magnetic resonance imaging of the human brain. NeuroImage, 2004, 23, S234-S249.	2.1	231
71	Mapping human brain function with MEG and EEG: methods and validation. NeuroImage, 2004, 23, S289-S299.	2.1	275
72	Partial least squares analysis of neuroimaging data: applications and advances. NeuroImage, 2004, 23, S250-S263.	2.1	899
73	A comparative evaluation of wavelet-based methods for hypothesis testing of brain activation maps. NeuroImage, 2004, 23, 1112-1128.	2.1	40

#	ARTICLE	IF	CITATIONS
74	Mapping cortical change in Alzheimer's disease, brain development, and schizophrenia. <i>NeuroImage</i> , 2004, 23, S2-S18.	2.1	356
75	Correction scheme for multiple correlated statistical tests in local shape analysis. , 2004, , .		3
76	DTI and impulsivity in schizophrenia: a first voxelwise correlational analysis. <i>NeuroReport</i> , 2004, 15, 2467-2470.	0.6	103
77	Cortical processing of tactile language in a postlingually deaf-blind subject. <i>NeuroReport</i> , 2004, 15, 287-291.	0.6	10
78	A Monte Carlo analysis technique applied to cerebral perfusion SPECT scans. <i>Nuclear Medicine Communications</i> , 2005, 26, 809-818.	0.5	0
79	Permutation Tests for Classification. <i>Lecture Notes in Computer Science</i> , 2005, , 501-515.	1.0	70
80	A comparison of the randomization test with the F test when error is skewed. <i>Behavior Research Methods</i> , 2005, 37, 426-435.	2.3	22
81	Let's Talk Together: Memory Traces Revealed by Cooperative Activation in the Cerebral Cortex. <i>International Review of Neurobiology</i> , 2005, 68, 51-78.	0.9	5
82	P300 recordings during event-related fMRI: a feasibility study. <i>Cognitive Brain Research</i> , 2005, 23, 306-315.	3.3	23
83	Distinctions between manipulation and function knowledge of objects: evidence from functional magnetic resonance imaging. <i>Cognitive Brain Research</i> , 2005, 23, 361-373.	3.3	228
84	Chronic active heavy drinking and family history of problem drinking modulate regional brain tissue volumes. <i>Psychiatry Research - Neuroimaging</i> , 2005, 138, 115-130.	0.9	97
85	A new approach to neuroimaging with magnetoencephalography. <i>Human Brain Mapping</i> , 2005, 25, 199-211.	1.9	465
86	ALE meta-analysis: Controlling the false discovery rate and performing statistical contrasts. <i>Human Brain Mapping</i> , 2005, 25, 155-164.	1.9	814
87	Neural correlates of encoding and expression in implicit sequence learning. <i>Experimental Brain Research</i> , 2005, 165, 114-124.	0.7	111
88	Source Localization of Early Stages of Face Processing. <i>Brain Topography</i> , 2005, 18, 77-85.	0.8	107
89	Hypothesis Testing with Nonlinear Shape Models. <i>Lecture Notes in Computer Science</i> , 2005, 19, 15-26.	1.0	16
90	The Role of Anterior Cingulate Cortex in Working Memory is Shaped by Functional Connectivity. <i>Journal of Cognitive Neuroscience</i> , 2005, 17, 1026-1042.	1.1	80
91	A New Statistical Approach for Quantifying Change in Series of Retinal and Optic Nerve Head Topography Images. , 2005, 46, 1659.		68

#	ARTICLE	IF	CITATIONS
92	Choice reaction time performance correlates with diffusion anisotropy in white matter pathways supporting visuospatial attention. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 12212-12217.	3.3	331
93	Parametric vs. Non-Parametric Statistics of Low Resolution Electromagnetic Tomography (LORETA). <i>Clinical EEG and Neuroscience</i> , 2005, 36, 1-8.	0.9	42
94	Beamformer Analysis of MEG Data. <i>International Review of Neurobiology</i> , 2005, 68, 149-171.	0.9	231
95	Perfusion fMRI for Functional Neuroimaging. <i>International Review of Neurobiology</i> , 2005, 66, 213-236.	0.9	64
96	Functional Connectivity Analysis in Magnetoencephalography. <i>International Review of Neurobiology</i> , 2005, 68, 173-195.	0.9	33
97	Graphical-model-based morphometric analysis. <i>IEEE Transactions on Medical Imaging</i> , 2005, 24, 1237-1248.	5.4	25
98	Short-term episodic memory encoding in the human brain: a magnetoencephalography and electroencephalography study. , 2005, , .		0
99	Learning to Like: A Role for Human Orbitofrontal Cortex in Conditioned Reward. <i>Journal of Neuroscience</i> , 2005, 25, 2733-2740.	1.7	87
100	High-Frequency $\hat{\text{A}}$ -Band Activity in the Basal Temporal Cortex during Picture-Naming and Lexical-Decision Tasks. <i>Journal of Neuroscience</i> , 2005, 25, 3287-3293.	1.7	104
101	H215O or 13NH3 PET and electromagnetic tomography (LORETA) during partial status epilepticus. <i>Neurology</i> , 2005, 65, 1657-1660.	1.5	121
102	Hearing Lips: Gamma-band Activity During Audiovisual Speech Perception. <i>Cerebral Cortex</i> , 2005, 15, 646-653.	1.6	83
103	Models of Brain Function in Neuroimaging. <i>Annual Review of Psychology</i> , 2005, 56, 57-87.	9.9	165
104	The $\hat{\text{F}}$ -complex <sup>TM</sup> and MMN tap different aspects of deviance. <i>Clinical Neurophysiology</i> , 2005, 116, 336-352.	0.7	11
105	Anterior limbic alpha-like activity: a low resolution electromagnetic tomography study with lorazepam challenge. <i>Clinical Neurophysiology</i> , 2005, 116, 886-894.	0.7	19
106	Neurophysiological correlates of subjective significance. <i>Clinical Neurophysiology</i> , 2005, 116, 2354-2362.	0.7	18
107	The composite N component to gaps in noise. <i>Clinical Neurophysiology</i> , 2005, 116, 2648-2663.	0.7	54
108	Source localization of mesial temporal interictal epileptiform discharges: Correlation with intracranial foramen ovale electrode recordings. <i>Clinical Neurophysiology</i> , 2005, 116, 2810-2818.	0.7	97
109	How reliable are fMRI $\hat{\text{e}}$ EEG studies of epilepsy? A nonparametric approach to analysis validation and optimization. <i>NeuroImage</i> , 2005, 24, 192-199.	2.1	41

#	ARTICLE	IF	CITATIONS
110	A comparison of random field theory and permutation methods for the statistical analysis of MEG data. <i>NeuroImage</i> , 2005, 25, 383-394.	2.1	191
111	Investigations of dipole localization accuracy in MEG using the bootstrap. <i>NeuroImage</i> , 2005, 25, 355-368.	2.1	54
112	Resampling fMRI time series. <i>NeuroImage</i> , 2005, 25, 859-867.	2.1	42
113	Increased sensitivity in neuroimaging analyses using robust regression. <i>NeuroImage</i> , 2005, 26, 99-113.	2.1	256
114	Quantile estimation to derive optimized test thresholds for random field statistics. <i>NeuroImage</i> , 2005, 27, 116-129.	2.1	2
115	A simple nonparametric statistical thresholding for MEG spatial-filter source reconstruction images. <i>NeuroImage</i> , 2005, 27, 368-376.	2.1	18
116	Mining the posterior cingulate: Segregation between memory and pain components. <i>NeuroImage</i> , 2005, 27, 520-532.	2.1	151
117	Empirical comparison of maximal voxel and non-isotropic adjusted cluster extent results in a voxel-based morphometry study of comorbid learning disability with schizophrenia. <i>NeuroImage</i> , 2005, 28, 544-552.	2.1	46
118	Cerebral perfusion abnormality in narcolepsy with cataplexy. <i>NeuroImage</i> , 2005, 28, 410-416.	2.1	85
119	Classifying brain states and determining the discriminating activation patterns: Support Vector Machine on functional MRI data. <i>NeuroImage</i> , 2005, 28, 980-995.	2.1	637
120	Regional Structural Characterization of the Brain of Schizophrenia Patients <sup>1</sup> . <i>Academic Radiology</i> , 2005, 12, 1250-1261.	1.3	20
121	Evidence for a close relationship between conscious effort and anterior cingulate cortex activity. <i>International Journal of Psychophysiology</i> , 2005, 56, 65-80.	0.5	128
122	Processing and encoding of Latin letters and kanji characters in the brain: a visual ERPs study. <i>International Congress Series</i> , 2005, 1278, 127-130.	0.2	2
123	Regression analysis utilizing subjective evaluation of emotional experience in PET studies on emotions. <i>Brain Research Protocols</i> , 2005, 15, 142-154.	1.7	9
124	Integration of Touch and Sound in Auditory Cortex. <i>Neuron</i> , 2005, 48, 373-384.	3.8	338
125	Multiple hypothesis mapping of functional MRI data in orthogonal and complex wavelet domains. <i>IEEE Transactions on Signal Processing</i> , 2005, 53, 3413-3426.	3.2	17
126	Cortical Thinning in Cingulate and Occipital Cortices in First Episode Schizophrenia. <i>Biological Psychiatry</i> , 2005, 58, 32-40.	0.7	187
127	Individual differences in brain activity during visuo-spatial processing assessed by slow cortical potentials and LORETA. <i>Cognitive Brain Research</i> , 2005, 25, 900-912.	3.3	31



#	ARTICLE	IF	CITATIONS
128	Empathizing with basic emotions: Common and discrete neural substrates. <i>Social Neuroscience</i> , 2006, 1, 364-384.	0.7	169
129	The Need for More Than One Random-Effect Term in a Designed Experiment. , 0, , 45-72.		0
130	Localizing human visual gamma-band activity in frequency, time and space. <i>NeuroImage</i> , 2006, 29, 764-773.	2.1	439
131	Evidence for developmental changes in the visual word processing network beyond adolescence. <i>NeuroImage</i> , 2006, 29, 822-837.	2.1	183
132	Localization of sensorimotor cortical rhythms induced by tactile stimulation using spatially filtered MEG. <i>NeuroImage</i> , 2006, 30, 899-908.	2.1	178
133	A non-parametric approach for co-analysis of multi-modal brain imaging data: Application to Alzheimer's disease. <i>NeuroImage</i> , 2006, 30, 768-779.	2.1	45
134	Gamma-band activity dissociates between matching and nonmatching stimulus pairs in an auditory delayed matching-to-sample task. <i>NeuroImage</i> , 2006, 30, 1357-1364.	2.1	24
135	3D mapping of ventricular and corpus callosum abnormalities in HIV/AIDS. <i>NeuroImage</i> , 2006, 31, 12-23.	2.1	120
136	Longitudinal stability of MRI for mapping brain change using tensor-based morphometry. <i>NeuroImage</i> , 2006, 31, 627-640.	2.1	198
137	Persistent EEG overactivation in the cortical pain matrix of neurogenic pain patients. <i>NeuroImage</i> , 2006, 31, 721-731.	2.1	260
138	Building a motor simulation de novo: Observation of dance by dancers. <i>NeuroImage</i> , 2006, 31, 1257-1267.	2.1	684
139	Mapping anatomical correlations across cerebral cortex (MACACC) using cortical thickness from MRI. <i>NeuroImage</i> , 2006, 31, 993-1003.	2.1	508
140	Three-dimensional locations and boundaries of motor and premotor cortices as defined by functional brain imaging: A meta-analysis. <i>NeuroImage</i> , 2006, 31, 1453-1474.	2.1	604
141	Tract-based spatial statistics: Voxelwise analysis of multi-subject diffusion data. <i>NeuroImage</i> , 2006, 31, 1487-1505.	2.1	5,755
142	Maturation of luminance- and motion-defined form perception beyond adolescence: A combined ERP and fMRI study. <i>NeuroImage</i> , 2006, 31, 1625-1636.	2.1	33
143	An fMRI task battery for assessing hemispheric language dominance in children. <i>NeuroImage</i> , 2006, 32, 400-410.	2.1	68
144	A cluster mass permutation test with contextual enhancement for fMRI activation detection. <i>NeuroImage</i> , 2006, 32, 654-664.	2.1	13
145	An fMRI investigation of syllable sequence production. <i>NeuroImage</i> , 2006, 32, 821-841.	2.1	433

#	ARTICLE	IF	CITATIONS
146	Electrical brain imaging reveals spatio-temporal dynamics of timbre perception in humans. <i>NeuroImage</i> , 2006, 32, 1510-1523.	2.1	64
147	Shape differences of the brain ventricles in Alzheimer's disease. <i>NeuroImage</i> , 2006, 32, 1060-1069.	2.1	102
148	Evaluation of voxel-based methods for the statistical analysis of PIB PET amyloid imaging studies in Alzheimer's disease. <i>NeuroImage</i> , 2006, 33, 94-102.	2.1	116
149	Post-movement beta rebound is generated in motor cortex: Evidence from neuromagnetic recordings. <i>NeuroImage</i> , 2006, 32, 1281-1289.	2.1	371
150	Classification of functional brain images with a spatio-temporal dissimilarity map. <i>NeuroImage</i> , 2006, 33, 63-71.	2.1	70
151	Exploring the false discovery rate in multichannel NIRS. <i>NeuroImage</i> , 2006, 33, 542-549.	2.1	327
152	Source imaging of the cortical 10ÂHz oscillations during cooling and warming in humans. <i>NeuroImage</i> , 2006, 33, 660-671.	2.1	27
153	Plasticity in the adult language system: A longitudinal electrophysiological study on second language learning. <i>NeuroImage</i> , 2006, 33, 774-783.	2.1	54
154	Cortical activation with deep brain stimulation of the anterior thalamus for epilepsy. <i>Clinical Neurophysiology</i> , 2006, 117, 192-207.	0.7	110
155	Source localization of interictal epileptiform discharges: Comparison of three different techniques to improve signal to noise ratio. <i>Clinical Neurophysiology</i> , 2006, 117, 562-571.	0.7	26
156	Correlates of eye blinking as determined by synthetic aperture magnetometry. <i>Clinical Neurophysiology</i> , 2006, 117, 952-958.	0.7	33
157	Source localization of small sharp spikes: Low resolution electromagnetic tomography (LORETA) reveals two distinct cortical sources. <i>Clinical Neurophysiology</i> , 2006, 117, 1380-1387.	0.7	27
158	Parietal lobe source localization and sensitivity to hyperventilation in a patient with subclinical rhythmic electrographic discharges of adults (SREDA). <i>Clinical Neurophysiology</i> , 2006, 117, 2257-2263.	0.7	21
159	Propagation of interictal discharges in temporal lobe epilepsy: Correlation of spatiotemporal mapping with intracranial foramen ovale electrode recordings. <i>Clinical Neurophysiology</i> , 2006, 117, 2615-2626.	0.7	116
160	Mapping Corpus Callosum Deficits in Autism: An Index of Aberrant Cortical Connectivity. <i>Biological Psychiatry</i> , 2006, 60, 218-225.	0.7	246
161	Specificity of Action Representations in the Lateral Occipitotemporal Cortex. <i>Journal of Cognitive Neuroscience</i> , 2006, 18, 1498-1517.	1.1	94
162	Contextual modeling of functional MR images with conditional random fields. <i>IEEE Transactions on Medical Imaging</i> , 2006, 25, 804-812.	5.4	29
163	A direct demonstration of cortical LTP in humans: A combined TMS/EEG study. <i>Brain Research Bulletin</i> , 2006, 69, 86-94.	1.4	311

#	ARTICLE	IF	CITATIONS
165	White Matter Alterations in Cerebral Amyloid Angiopathy Measured by Diffusion Tensor Imaging. <i>Stroke</i> , 2006, 37, 1759-1764.	1.0	61
166	Lesion-induced right-hemispheric language and organization of nonverbal functions. <i>NeuroReport</i> , 2006, 17, 929-933.	0.6	49
167	Effects of hormone therapy on brain morphology of healthy postmenopausal women. <i>Menopause</i> , 2006, 13, 584-591.	0.8	81
168	Language lateralization in magnetoencephalography: two tasks to investigate hemispheric dominance. <i>NeuroReport</i> , 2006, 17, 1209-1213.	0.6	7
169	Cortical regions activated after rapid eye movements during REM sleep. <i>Sleep and Biological Rhythms</i> , 2006, 4, 63-71.	0.5	9
170	Arm immobilization causes cortical plastic changes and locally decreases sleep slow wave activity. <i>Nature Neuroscience</i> , 2006, 9, 1169-1176.	7.1	529
171	Estimation of short-time cross-correlation between frequency bands of event related EEG. <i>Journal of Neuroscience Methods</i> , 2006, 157, 294-302.	1.3	9
172	Neuronal Modifications During Visuomotor Association Learning Assessed by Electric Brain Tomography. <i>Brain Topography</i> , 2006, 19, 61-75.	0.8	14
173	Lesion probability maps of white matter hyperintensities in elderly individuals. <i>Journal of Neurology</i> , 2006, 253, 1064-1070.	1.8	64
174	Effects of DHEA administration on episodic memory, cortisol and mood in healthy young men: a double-blind, placebo-controlled study. <i>Psychopharmacology</i> , 2006, 188, 541-551.	1.5	77
175	Neural correlates of shape-from-shading. <i>Vision Research</i> , 2006, 46, 1080-1090.	0.7	11
176	Neural correlates of monocular and binocular depth cues based on natural images: A LORETA analysis. <i>Vision Research</i> , 2006, 46, 3373-3380.	0.7	25
177	Neuroanatomically separable effects of imageability and grammatical class during single-word comprehension. <i>Brain and Language</i> , 2006, 98, 127-139.	0.8	103
178	Neural correlates of morphological decomposition in a morphologically rich language: An fMRI study. <i>Brain and Language</i> , 2006, 98, 182-193.	0.8	57
179	Neural processing of observed oro-facial movements reflects multiple action encoding strategies in the human brain. <i>Brain Research</i> , 2006, 1071, 105-112.	1.1	40
180	Neural substrates of knowledge of hand postures for object grasping and functional object use: Evidence from fMRI. <i>Brain Research</i> , 2006, 1117, 175-185.	1.1	104
181	Effects of memory load on cortical oscillatory activity during auditory pattern working memory. <i>Brain Research</i> , 2006, 1120, 131-140.	1.1	103
182	fMRI neuroinformatics. <i>IEEE Engineering in Medicine and Biology Magazine</i> , 2006, 25, 112-119.	1.1	11

#	ARTICLE	IF	CITATIONS
183	Examining affinities of the Taung child by developmental simulation. <i>Journal of Human Evolution</i> , 2006, 51, 274-296.	1.3	71
184	Regional distribution of measurement error in diffusion tensor imaging. <i>Psychiatry Research - Neuroimaging</i> , 2006, 147, 69-78.	0.9	68
185	Detection and mapping of hippocampal abnormalities in autism. <i>Psychiatry Research - Neuroimaging</i> , 2006, 148, 11-21.	0.9	100
186	On the statistical assessment of classifiers using DNA microarray data. <i>BMC Bioinformatics</i> , 2006, 7, 387.	1.2	56
187	Spatiotemporal mapping of cortical activity accompanying voluntary movements using an event-related beamforming approach. <i>Human Brain Mapping</i> , 2006, 27, 213-229.	1.9	269
188	Dealing with the shortcomings of spatial normalization: Multi-subject parcellation of fMRI datasets. <i>Human Brain Mapping</i> , 2006, 27, 678-693.	1.9	166
189	Combined permutation test and mixed-effect model for group average analysis in fMRI. <i>Human Brain Mapping</i> , 2006, 27, 402-410.	1.9	37
190	Manifestations of early brain recovery associated with abstinence from alcoholism. <i>Brain</i> , 2006, 130, 36-47.	3.7	169
191	Quantitative Analysis in Functional Brain Imaging. , 2006, , 435-470.		2
192	A Review of Wavelet Denoising in MRI and Ultrasound Brain Imaging. <i>Current Medical Imaging</i> , 2006, 2, 247-260.	0.4	100
193	Theta and Gamma Oscillations Predict Encoding and Retrieval of Declarative Memory. <i>Journal of Neuroscience</i> , 2006, 26, 7523-7531.	1.7	583
194	Altered mesolimbocortical and thalamic dopamine in Tourette syndrome. <i>Neurology</i> , 2006, 67, 1695-1697.	1.5	76
195	Dynamically Spreading Frontal and Cingulate Deficits Mapped in Adolescents With Schizophrenia. <i>Archives of General Psychiatry</i> , 2006, 63, 25.	13.8	153
196	Fronto-cerebellar systems are associated with infant motor and adult executive functions in healthy adults but not in schizophrenia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 15651-15656.	3.3	135
197	Global integration of local color differences in transparency perception: An fMRI study. <i>Visual Neuroscience</i> , 2006, 23, 357-364.	0.5	8
198	Classification error as a measure of gene relevance in cancer diagnosis. , 2006, , .		1
199	Fluid Registration of Medical Images Using Jensen-Renyi Divergence Reveals 3D Profile of Brain Atrophy in HIV/AIDS. , 0, , .		6
200	Characterizing the shape of anatomical structures with Poisson's equation. <i>IEEE Transactions on Medical Imaging</i> , 2006, 25, 1249-1257.	5.4	13

#	ARTICLE	IF	CITATIONS
201	Robust Statistics for Nonparametric Group Analysis in fMRI. , 0, , .		11
202	Modulation of competing memory systems by distraction. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 11778-11783.	3.3	465
203	Symmetry of Cortical Folding Abnormalities in Williams Syndrome Revealed by Surface-Based Analyses. Journal of Neuroscience, 2006, 26, 5470-5483.	1.7	171
204	Information-based functional brain mapping. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 3863-3868.	3.3	1,918
205	LORETA: An Attempt at a Simple Answer to a Complex Controversy. Journal of Neurotherapy, 2006, 10, 57-72.	0.9	5
206	Cerebral microhemorrhages in a patient with mycotic aneurysm: Relevance of T2-GRE imaging in SBE. Neurology, 2006, 67, 1697-1697.	1.5	23
207	Cortical Folding Abnormalities in Autism Revealed by Surface-Based Morphometry. Journal of Neuroscience, 2007, 27, 11725-11735.	1.7	253
208	Medial Prefrontal Theta Bursts Precede Rapid Motor Responses during Visual Selective Attention. Journal of Neuroscience, 2007, 27, 11949-11959.	1.7	135
209	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
210	Immediate Reward Bias in Humans: Fronto-Parietal Networks and a Role for the Catechol-<i>O</i>-Methyltransferase 158<sup>Val/Val</sup>Genotype. Journal of Neuroscience, 2007, 27, 14383-14391.	1.7	276
211	An A Contrario Approach for Change Detection in 3D Multimodal Images: Application to Multiple Sclerosis in MRI. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 2069-72.	0.5	11
212	Electrophysiological time course and brain areas of spontaneous and intentional trait inferences. Social Cognitive and Affective Neuroscience, 2007, 2, 174-188.	1.5	64
213	The Functional Neuroanatomy of Thematic Role and Locative Relational Knowledge. Journal of Cognitive Neuroscience, 2007, 19, 1542-1555.	1.1	80
214	Tract-Based Morphometry. , 2007, , 161-168.		9
215	Gamma Oscillations in Human Primary Somatosensory Cortex Reflect Pain Perception. PLoS Biology, 2007, 5, e133.	2.6	307
216	Reduced Neocortical Thickness and Complexity Mapped in Mesial Temporal Lobe Epilepsy with Hippocampal Sclerosis. Cerebral Cortex, 2007, 17, 2007-2018.	1.6	215
217	Deformation-Based Morphometry Reveals Brain Atrophy in Frontotemporal Dementia. Archives of Neurology, 2007, 64, 873.	4.9	60
218	Power in Voxel-based Lesion-Symptom Mapping. Journal of Cognitive Neuroscience, 2007, 19, 1067-1080.	1.1	255

#	ARTICLE	IF	CITATIONS
219	ROI constrained statistical surface morphometry. , 2007, , .		3
220	High-Dimensional Spatial Normalization of Diffusion Tensor Images Improves the Detection of White Matter Differences: An Example Study Using Amyotrophic Lateral Sclerosis. IEEE Transactions on Medical Imaging, 2007, 26, 1585-1597.	5.4	250
221	A nonparametric statistical approach for stereo correspondence. , 2007, , .		2
222	EXPLORING HUMAN VISUAL ATTENTION IN AN MEG STUDY OF A SPATIAL CUEING PARADIGM USING A NOVEL ANCOVA DESIGN. , 2007, , .		2
223	Structure-Specific Statistical Mapping of White Matter Tracts using the Continuous Medial Representation. , 2007, , .		24
224	Coherent neural representation of hand speed in humans revealed by MEG imaging. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 7676-7681.	3.3	252
225	Differential Parahippocampal and Retrosplenial Involvement in Three Types of Visual Scene Recognition. Cerebral Cortex, 2007, 17, 1680-1693.	1.6	140
226	Functional Imaging Reveals Visual Modulation of Specific Fields in Auditory Cortex. Journal of Neuroscience, 2007, 27, 1824-1835.	1.7	222
227	Oscillatory Activity in Human Parietal and Occipital Cortex Shows Hemispheric Lateralization and Memory Effects in a Delayed Double-Step Saccade Task. Cerebral Cortex, 2007, 17, 2364-2374.	1.6	149
228	Brain Networks Subserving the Extraction of Sentence Information and Its Encoding to Memory. Cerebral Cortex, 2007, 17, 2899-2913.	1.6	70
229	Activation of Area MT/V5 and the Right Inferior Parietal Cortex during the Discrimination of Transient Direction Changes in Translational Motion. Cerebral Cortex, 2007, 17, 1733-1739.	1.6	34
230	Detection of fine-scale activity patterns by integration of information in local regions. , 2007, , .		0
231	Prediction of children's reading skills using behavioral, functional, and structural neuroimaging measures.. Behavioral Neuroscience, 2007, 121, 602-613.	0.6	119
232	Reduced Sleep Spindle Activity in Schizophrenia Patients. American Journal of Psychiatry, 2007, 164, 483-492.	4.0	434
233	Cortical activation during sequences of memory-guided saccades: a functional MRI study. NeuroReport, 2007, 18, 451-455.	0.6	10
234	Reduced $\hat{I}^3$ -Aminobutyric Acid Benzodiazepine Binding Sites in Insular Cortex of Individuals With Panic Disorder. Archives of General Psychiatry, 2007, 64, 793.	13.8	85
235	Changes in LORETA and conventional patterns of P600 after steroid treatment in multiple sclerosis patients. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2007, 31, 234-241.	2.5	6
236	Gamma oscillatory activity in a visual discrimination task. Brain Research Bulletin, 2007, 71, 593-600.	1.4	19

#	ARTICLE	IF	CITATIONS
237	ERP assessment of functional status in the temporal lobe: Examining spatiotemporal correlates of object recognition. <i>International Journal of Psychophysiology</i> , 2007, 66, 81-92.	0.5	24
238	Attentional processing in adults with ADHD as reflected by event-related potentials. <i>Neuroscience Letters</i> , 2007, 419, 236-241.	1.0	64
239	Correlation between disease severity and brain electric LORETA tomography in Alzheimer's disease. <i>Clinical Neurophysiology</i> , 2007, 118, 186-196.	0.7	93
240	Theta EEG dynamics of the error-related negativity. <i>Clinical Neurophysiology</i> , 2007, 118, 645-668.	0.7	264
241	3D pattern of brain atrophy in HIV/AIDS visualized using tensor-based morphometry. <i>NeuroImage</i> , 2007, 34, 44-60.	2.1	164
242	The spatial distribution and temporal dynamics of brain regions activated during the perception of object and non-object patterns. <i>NeuroImage</i> , 2007, 34, 371-383.	2.1	19
243	3D pattern of brain abnormalities in Fragile X syndrome visualized using tensor-based morphometry. <i>NeuroImage</i> , 2007, 34, 924-938.	2.1	68
244	Integrating VBM into the General Linear Model with voxelwise anatomical covariates. <i>NeuroImage</i> , 2007, 34, 500-508.	2.1	238
245	Deformation-based morphometry of brain changes in alcohol dependence and abstinence. <i>NeuroImage</i> , 2007, 34, 879-887.	2.1	220
246	Analysis of neurotransmitter receptor distribution patterns in the cerebral cortex. <i>NeuroImage</i> , 2007, 34, 1317-1330.	2.1	38
247	Analysis of a large fMRI cohort: Statistical and methodological issues for group analyses. <i>NeuroImage</i> , 2007, 35, 105-120.	2.1	481
248	Rank-order versus mean based statistics for neuroimaging. <i>NeuroImage</i> , 2007, 35, 1531-1537.	2.1	89
249	Modeling state-related fMRI activity using change-point theory. <i>NeuroImage</i> , 2007, 35, 1125-1141.	2.1	88
250	Effect of spatial attention on stimulus-specific haemodynamic repetition effects. <i>NeuroImage</i> , 2007, 35, 1317-1329.	2.1	55
251	Item analysis in functional magnetic resonance imaging. <i>NeuroImage</i> , 2007, 35, 1093-1102.	2.1	50
252	Dynamics of hemispheric activity during metaphor comprehension: Electrophysiological measures. <i>NeuroImage</i> , 2007, 36, 222-231.	2.1	70
253	Analyzing for information, not activation, to exploit high-resolution fMRI. <i>NeuroImage</i> , 2007, 38, 649-662.	2.1	244
254	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
255	Volumetric cerebral characteristics of children exposed to opiates and other substances in utero. <i>NeuroImage</i> , 2007, 36, 1331-1344.	2.1	139
256	Support vector machine learning-based fMRI data group analysis. <i>NeuroImage</i> , 2007, 36, 1139-1151.	2.1	116
257	3D pattern of brain abnormalities in Williams syndrome visualized using tensor-based morphometry. <i>NeuroImage</i> , 2007, 36, 1096-1109.	2.1	155
258	Where left becomes right: A magnetoencephalographic study of sensorimotor transformation for antisaccades. <i>NeuroImage</i> , 2007, 36, 1313-1323.	2.1	74
259	Artifact correction and source analysis of early electroencephalographic responses evoked by transcranial magnetic stimulation over primary motor cortex. <i>NeuroImage</i> , 2007, 37, 56-70.	2.1	112
260	Direct mapping of hippocampal surfaces with intrinsic shape context. <i>NeuroImage</i> , 2007, 37, 792-807.	2.1	48
261	Power and sample size calculation for neuroimaging studies by non-central random field theory. <i>NeuroImage</i> , 2007, 37, 721-730.	2.1	102
262	Mixed-effect statistics for group analysis in fMRI: A nonparametric maximum likelihood approach. <i>NeuroImage</i> , 2007, 38, 501-510.	2.1	28
263	The involvement of ipsilateral temporoparietal cortex in tactile pattern working memory as reflected in beta event-related desynchronization. <i>NeuroImage</i> , 2007, 37, 1362-1370.	2.1	19
264	Population-level inferences for distributed MEG source localization under multiple constraints: Application to face-evoked fields. <i>NeuroImage</i> , 2007, 38, 422-438.	2.1	54
265	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
266	Meta-analysis of functional neuroimaging data: current and future directions. <i>Social Cognitive and Affective Neuroscience</i> , 2007, 2, 150-158.	1.5	408
267	A Statistical Analysis of Brain Morphology Using Wild Bootstrapping. <i>IEEE Transactions on Medical Imaging</i> , 2007, 26, 954-966.	5.4	39
268	NON-UNIFORM SMOOTHING IN HIPPOCAMPUS-SPECIFIC GROUP FMRI ANALYSIS. , 2007, , .		0
269	Region of interest analysis for fMRI. <i>Social Cognitive and Affective Neuroscience</i> , 2007, 2, 67-70.	1.5	677
270	Statistical Properties of Jacobian Maps and the Realization of Unbiased Large-Deformation Nonlinear Image Registration. <i>IEEE Transactions on Medical Imaging</i> , 2007, 26, 822-832.	5.4	174
271	Sparse Decomposition and Modeling of Anatomical Shape Variation. <i>IEEE Transactions on Medical Imaging</i> , 2007, 26, 1625-1635.	5.4	28
272	Anatomically related grey and white matter abnormalities in adolescent-onset schizophrenia. <i>Brain</i> , 2007, 130, 2375-2386.	3.7	718



#	ARTICLE	IF	CITATIONS
273	Statistical Approaches to Functional Neuroimaging Data. <i>Neuroimaging Clinics of North America</i> , 2007, 17, 441-458.	0.5	24
274	Modulation of Gamma and Alpha Activity during a Working Memory Task Engaging the Dorsal or Ventral Stream. <i>Journal of Neuroscience</i> , 2007, 27, 3244-3251.	1.7	421
275	Familial Risk for Depression and P3b Component as a Possible Neurocognitive Vulnerability Marker. <i>Neuropsychobiology</i> , 2007, 55, 14-20.	0.9	15
276	Non-parametric procedures. , 2007, , 253-272.		9
277	TMS-Induced Cortical Potentiation during Wakefulness Locally Increases Slow Wave Activity during Sleep. <i>PLoS ONE</i> , 2007, 2, e276.	1.1	196
278	Sleep Homeostasis and Cortical Synchronization: III. A High-Density EEG Study of Sleep Slow Waves in Humans. <i>Sleep</i> , 2007, 30, 1643-1657.	0.6	364
279	Electrophysiological and hemodynamic evidence for late maturation of hand power grip and force control under visual feedback. <i>Human Brain Mapping</i> , 2007, 28, 69-84.	1.9	34
280	The bootstrap and cross-validation in neuroimaging applications: Estimation of the distribution of extrema of random fields for single volume tests, with an application to ADC maps. <i>Human Brain Mapping</i> , 2007, 28, 1075-1088.	1.9	9
281	Statistical group comparison of diffusion tensors via multivariate hypothesis testing. <i>Magnetic Resonance in Medicine</i> , 2007, 57, 1065-1074.	1.9	49
282	Statistical framework and noise sensitivity of the amplitude radial correlation contrast method. <i>Magnetic Resonance in Medicine</i> , 2007, 58, 554-561.	1.9	2
283	GAMES: Growing and adaptive meshes for fully automatic shape modeling and analysis. <i>Medical Image Analysis</i> , 2007, 11, 302-314.	7.0	39
284	LI-tool: A new toolbox to assess lateralization in functional MR-data. <i>Journal of Neuroscience Methods</i> , 2007, 163, 128-136.	1.3	383
285	Nonparametric statistical testing of EEG- and MEG-data. <i>Journal of Neuroscience Methods</i> , 2007, 164, 177-190.	1.3	6,559
286	Increased structural connectivity in grapheme-color synesthesia. <i>Nature Neuroscience</i> , 2007, 10, 792-797.	7.1	358
287	Acquisition and voxelwise analysis of multi-subject diffusion data with Tract-Based Spatial Statistics. <i>Nature Protocols</i> , 2007, 2, 499-503.	5.5	526
288	Dissociation of sustained attention from central executive functions: local activity and interregional connectivity in the theta range. <i>European Journal of Neuroscience</i> , 2007, 25, 587-593.	1.2	293
289	LTP-like changes induced by paired associative stimulation of the primary somatosensory cortex in humans: source analysis and associated changes in behaviour. <i>European Journal of Neuroscience</i> , 2007, 25, 2862-2874.	1.2	58
290	The temporal sequence of evoked and induced cortical responses to implied emotion processing in human motion area V5/MT+. <i>European Journal of Neuroscience</i> , 2007, 26, 775-783.	1.2	17

#	ARTICLE	IF	CITATIONS
291	Regularized Least Squares Classifiers may Predict Crohn's Disease from Profiles of Single Nucleotide Polymorphisms. <i>Annals of Human Genetics</i> , 2007, 71, 537-549.	0.3	6
292	Anterior N2 predicts subsequent viewing time and interest rating for novel drawings. <i>Psychophysiology</i> , 2007, 44, 687-696.	1.2	25
293	Functional oropharyngeal sensory disruption interferes with the cortical control of swallowing. <i>BMC Neuroscience</i> , 2007, 8, 62.	0.8	118
294	Prefrontal gamma-band activity distinguishes between sound durations. <i>Brain Research</i> , 2007, 1139, 153-162.	1.1	17
295	Functional neuroanatomy of the perception of modern art: A DCâ€“EEG study on the influence of stylistic information on aesthetic experience. <i>Brain Research</i> , 2007, 1158, 93-102.	1.1	73
296	Neural correlates associated with intermanual transfer of sensorimotor adaptation. <i>Brain Research</i> , 2007, 1185, 136-151.	1.1	99
297	Mediaeval artists: Masters in directing the observers' gaze. <i>Current Biology</i> , 2007, 17, R8-R9.	1.8	22
298	Selection of relevant genes in cancer diagnosis based on their prediction accuracy. <i>Artificial Intelligence in Medicine</i> , 2007, 40, 29-44.	3.8	32
299	Increased self-monitoring during imagined movements in conversion paralysis. <i>Neuropsychologia</i> , 2007, 45, 2051-2058.	0.7	115
300	Neural correlates of naming newly learned objects in MCI. <i>Neuropsychologia</i> , 2007, 45, 2355-2368.	0.7	20
301	Speed of lexical decision correlates with diffusion anisotropy in left parietal and frontal white matter: Evidence from diffusion tensor imaging. <i>Neuropsychologia</i> , 2007, 45, 2439-2446.	0.7	105
302	Neural correlates of prospective memory across the lifespan. <i>Neuropsychologia</i> , 2007, 45, 3299-3314.	0.7	89
303	fMRI bold signal analysis using a novel nonparametric statistical method. <i>Journal of Magnetic Resonance</i> , 2007, 185, 138-151.	1.2	8
304	Nonparametric statistical testing of coherence differences. <i>Journal of Neuroscience Methods</i> , 2007, 163, 161-175.	1.3	246
305	Spatial and Frequency Differences of Neuromagnetic Activities Between the Perception of Open- and Closed-class Words. <i>Brain Topography</i> , 2008, 21, 75-85.	0.8	12
306	EEG Correlates of Action Observation in Humans. <i>Brain Topography</i> , 2008, 21, 93-99.	0.8	29
307	Rivastigmine effects on EEG spectra and three-dimensional LORETA functional imaging in Alzheimerâ€™s disease. <i>Psychopharmacology</i> , 2008, 198, 323-332.	1.5	44
308	Adaptive integration of local region information to detect fine-scale brain activity patterns. <i>Science in China Series D: Earth Sciences</i> , 2008, 51, 1980-1989.	0.9	0

#	ARTICLE	IF	CITATIONS
310	Altered white matter diffusion anisotropy in normal and preterm infants at termâ€equivalent age. <i>Magnetic Resonance in Medicine</i> , 2008, 60, 761-767.	1.9	109
311	Focal reversible deactivation of cerebral metabolism affects water diffusion. <i>Magnetic Resonance in Medicine</i> , 2008, 60, 1178-1189.	1.9	14
312	Task and semantic relationship influence both the polarity and localization of hemodynamic modulation during lexicoâ€semantic processing. <i>Human Brain Mapping</i> , 2008, 29, 544-561.	1.9	44
313	An evaluation of spatial thresholding techniques in fMRI analysis. <i>Human Brain Mapping</i> , 2008, 29, 1379-1389.	1.9	33
314	Simultaneous EMGâ€functional MRI recordings can directly relate hyperkinetic movements to brain activity. <i>Human Brain Mapping</i> , 2008, 29, 1430-1441.	1.9	44
316	Concurrent correction of geometric distortion and motion using the map-slice-to-volume method in echo-planar imaging. <i>Magnetic Resonance Imaging</i> , 2008, 26, 703-714.	1.0	18
317	Bootstrap significance of low SNR evoked response. <i>Journal of Neuroscience Methods</i> , 2008, 168, 265-272.	1.3	18
318	Distribution-based minimum-norm estimation with multiple trials. <i>Computers in Biology and Medicine</i> , 2008, 38, 1203-1210.	3.9	1
319	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
320	An R package for single-case randomization tests. <i>Behavior Research Methods</i> , 2008, 40, 467-478.	2.3	91
321	Measuring the Effects of Remifentanyl on Cerebral Blood Flow and Arterial Arrival Time Using 3D Grase MRI with Pulsed Arterial Spin Labelling. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2008, 28, 1514-1522.	2.4	89
322	Lateralized frontal activity elicited by attention-directing visual and auditory cues. <i>Psychophysiology</i> , 2008, 45, 579-587.	1.2	51
323	Modulation of the human mirror neuron system during cognitive activity. <i>Psychophysiology</i> , 2008, 45, 896-905.	1.2	62
324	A local signature of LTPâ€and LTDâ€like plasticity in human NREM sleep. <i>European Journal of Neuroscience</i> , 2008, 27, 2241-2249.	1.2	57
325	Neurophysiological signature of effective anticipatory taskâ€set control: a taskâ€switching investigation. <i>European Journal of Neuroscience</i> , 2008, 28, 1016-1029.	1.2	99
326	Generalized Tensor-Based Morphometry of HIV/AIDS Using Multivariate Statistics on Deformation Tensors. <i>IEEE Transactions on Medical Imaging</i> , 2008, 27, 129-141.	5.4	154
327	Cortical recovery of swallowing function in wound botulism. <i>BMC Neurology</i> , 2008, 8, 13.	0.8	9
328	Reorganization of the cerebro-cerebellar network of language production in patients with congenital left-hemispheric brain lesions. <i>Brain and Language</i> , 2008, 106, 204-210.	0.8	59

#	ARTICLE	IF	CITATIONS
329	Increases in language lateralization in normal children as observed using magnetoencephalography. <i>Brain and Language</i> , 2008, 106, 167-176.	0.8	85
330	Task-dependent semantic interference in language production: An fMRI study. <i>Brain and Language</i> , 2008, 107, 220-228.	0.8	36
331	Functional Magnetic Resonance Imaging and Working Memory in Adolescents with Gestational Cocaine Exposure. <i>Journal of Pediatrics</i> , 2008, 152, 371-377.	0.9	46
332	Effects of cortisol on the laterality of the neural correlates of episodic memory. <i>Journal of Psychiatric Research</i> , 2008, 42, 971-981.	1.5	8
333	Clinical correlates of word recognition memory in obsessive-compulsive disorder: An event-related potential study. <i>Psychiatry Research - Neuroimaging</i> , 2008, 162, 262-272.	0.9	4
334	Three-dimensional mapping of the lateral ventricles in autism. <i>Psychiatry Research - Neuroimaging</i> , 2008, 163, 106-115.	0.9	26
335	Activation of human auditory cortex during speech perception: Effects of monaural, binaural, and dichotic presentation. <i>Neuropsychologia</i> , 2008, 46, 301-315.	0.7	52
336	Neural substrates of processing path and manner information of a moving event. <i>Neuropsychologia</i> , 2008, 46, 704-713.	0.7	46
337	Neural correlates of locative prepositions. <i>Neuropsychologia</i> , 2008, 46, 1576-1580.	0.7	40
338	Frontal midline theta in the pre-shot phase of rifle shooting: Differences between experts and novices. <i>Neuropsychologia</i> , 2008, 46, 1463-1467.	0.7	140
339	Prestimulus Cortical Activity is Correlated with Speed of Visuomotor Processing. <i>Journal of Cognitive Neuroscience</i> , 2008, 20, 1915-1925.	1.1	102
340	Brain responses to verbal stimuli among multiple sclerosis patients with pseudobulbar affect. <i>Journal of the Neurological Sciences</i> , 2008, 271, 137-147.	0.3	30
341	Abnormal white matter microstructure in schizophrenia: A voxelwise analysis of axial and radial diffusivity. <i>Schizophrenia Research</i> , 2008, 101, 106-110.	1.1	111
342	Prestimulus Oscillatory Activity in the Alpha Band Predicts Visual Discrimination Ability. <i>Journal of Neuroscience</i> , 2008, 28, 1816-1823.	1.7	740
343	Optimizing the Design and Analysis of Clinical Functional Magnetic Resonance Imaging Research Studies. <i>Biological Psychiatry</i> , 2008, 64, 842-849.	0.7	63
344	Intracranial current density (LORETA) differences in QEEG frequency bands between depressed and non-depressed alcoholic patients. <i>Clinical Neurophysiology</i> , 2008, 119, 948-958.	0.7	25
345	Establishing correlations of scalp field maps with other experimental variables using covariance analysis and resampling methods. <i>Clinical Neurophysiology</i> , 2008, 119, 1262-1270.	0.7	49
346	Brain function in the minimally conscious state: A quantitative neurophysiological study. <i>Clinical Neurophysiology</i> , 2008, 119, 1506-1514.	0.7	85

#	ARTICLE	IF	CITATIONS
347	Neural generators of brain potentials before rapid eye movements during human REM sleep: A study using sLORETA. <i>Clinical Neurophysiology</i> , 2008, 119, 2044-2053.	0.7	30
348	Formulation of current density weighted indices for correspondence between functional MRI and electrocortical stimulation maps. <i>Clinical Neurophysiology</i> , 2008, 119, 2887-2897.	0.7	1
349	Neural Dissociation between Visual Awareness and Spatial Attention. <i>Journal of Neuroscience</i> , 2008, 28, 2667-2679.	1.7	338
350	Evidence for fast, low-level motor resonance to action observation: An MEG study. <i>Social Neuroscience</i> , 2008, 3, 213-228.	0.7	39
351	Effect of the XbaI polymorphism of estrogen receptor alpha on postmenopausal gray matter. <i>Neuroscience Letters</i> , 2008, 434, 304-309.	1.0	8
352	Spatiotemporal patterns of oscillatory brain activity during auditory word recognition in children: A synthetic aperture magnetometry study. <i>International Journal of Psychophysiology</i> , 2008, 68, 141-148.	0.5	10
353	Automated cortical thickness measurements from MRI can accurately separate Alzheimer's patients from normal elderly controls. <i>Neurobiology of Aging</i> , 2008, 29, 23-30.	1.5	242
354	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
355	Valuating other people's emotional face expression: a combined functional magnetic resonance imaging and electroencephalography study. <i>Neuroscience</i> , 2008, 152, 713-722.	1.1	86
356	Response preparation and inhibition: The role of the cortical sensorimotor beta rhythm. <i>Neuroscience</i> , 2008, 156, 238-246.	1.1	257
357	Modulation of pain ratings by expectation and uncertainty: Behavioral characteristics and anticipatory neural correlates. <i>Pain</i> , 2008, 135, 240-250.	2.0	173
358	Schizophrenia with auditory hallucinations: A voxel-based morphometry study. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2008, 32, 72-80.	2.5	100
359	Concepts Are More than Percepts: The Case of Action Verbs. <i>Journal of Neuroscience</i> , 2008, 28, 11347-11353.	1.7	208
360	MR and genetics in schizophrenia: Focus on auditory hallucinations. <i>European Journal of Radiology</i> , 2008, 67, 434-439.	1.2	18
361	Changes in white matter microstructure during adolescence. <i>NeuroImage</i> , 2008, 39, 52-61.	2.1	262
362	Persistent neural activity during the maintenance of spatial position in working memory. <i>NeuroImage</i> , 2008, 39, 455-468.	2.1	88
363	Gender differences and age-related white matter changes of the human brain: A diffusion tensor imaging study. <i>NeuroImage</i> , 2008, 39, 566-577.	2.1	274
364	Improving the analysis, storage and sharing of neuroimaging data using relational databases and distributed computing. <i>NeuroImage</i> , 2008, 39, 693-706.	2.1	33

#	ARTICLE	IF	CITATIONS
365	Assessment of functional development in normal infant brain using arterial spin labeled perfusion MRI. <i>NeuroImage</i> , 2008, 39, 973-978.	2.1	57
366	Amygdala tractography predicts functional connectivity and learning during feedback-guided decision-making. <i>NeuroImage</i> , 2008, 39, 1396-1407.	2.1	103
367	Whole brain voxel-wise analysis of single-subject serial DTI by permutation testing. <i>NeuroImage</i> , 2008, 39, 1693-1705.	2.1	28
368	Brain white matter tracts degeneration in Friedreich ataxia. An in vivo MRI study using tract-based spatial statistics and voxel-based morphometry. <i>NeuroImage</i> , 2008, 40, 19-25.	2.1	97
369	Voxel-based diffusion tensor imaging in patients with mesial temporal lobe epilepsy and hippocampal sclerosis. <i>NeuroImage</i> , 2008, 40, 728-737.	2.1	255
370	EEG alpha distinguishes between cuneal and precuneal activation in working memory. <i>NeuroImage</i> , 2008, 40, 1296-1310.	2.1	107
371	Ten simple rules for reporting voxel-based morphometry studies. <i>NeuroImage</i> , 2008, 40, 1429-1435.	2.1	221
372	Structure-specific statistical mapping of white matter tracts. <i>NeuroImage</i> , 2008, 41, 448-461.	2.1	158
373	Imaging the human motor system's beta-band synchronization during isometric contraction. <i>NeuroImage</i> , 2008, 41, 437-447.	2.1	96
374	Spatiotemporal frequency tuning of BOLD and gamma band MEG responses compared in primary visual cortex. <i>NeuroImage</i> , 2008, 40, 1552-1560.	2.1	84
375	Pre-reflective and reflective self-reference: A spatiotemporal EEG analysis. <i>NeuroImage</i> , 2008, 42, 437-449.	2.1	76
376	3D characterization of brain atrophy in Alzheimer's disease and mild cognitive impairment using tensor-based morphometry. <i>NeuroImage</i> , 2008, 41, 19-34.	2.1	149
377	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. <i>NeuroImage</i> , 2008, 41, 223-232.	2.1	224
378	Neural correlates of age-related visual search decline: A combined ERP and sLORETA study. <i>NeuroImage</i> , 2008, 41, 511-524.	2.1	40
379	Comparing surface-based and volume-based analyses of functional neuroimaging data in patients with schizophrenia. <i>NeuroImage</i> , 2008, 41, 835-848.	2.1	109
380	Neural changes induced by learning a challenging perceptual-motor task. <i>NeuroImage</i> , 2008, 41, 1395-1407.	2.1	56
381	Enhanced frontal low and high frequency power and synchronization in the resting EEG of parkinsonian patients. <i>NeuroImage</i> , 2008, 41, 985-997.	2.1	101
382	A method for spatiotemporal mapping of event-related modulation of cortical rhythmic activity. <i>NeuroImage</i> , 2008, 42, 207-217.	2.1	28

#	ARTICLE	IF	CITATIONS
383	Self-paced movements induce high-frequency gamma oscillations in primary motor cortex. <i>NeuroImage</i> , 2008, 42, 332-342.	2.1	275
384	Brain structural abnormalities in survivors of pediatric posterior fossa brain tumors: A voxel-based morphometry study using free-form deformation. <i>NeuroImage</i> , 2008, 42, 218-229.	2.1	16
385	Application of principal component analysis to distinguish patients with schizophrenia from healthy controls based on fractional anisotropy measurements. <i>NeuroImage</i> , 2008, 42, 675-682.	2.1	69
386	What happens to the brain in weightlessness? A first approach by EEG tomography. <i>NeuroImage</i> , 2008, 42, 1316-1323.	2.1	78
387	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. <i>NeuroImage</i> , 2008, 43, 10-19.	2.1	88
388	Tensor-based morphometry as a neuroimaging biomarker for Alzheimer's disease: An MRI study of 676 AD, MCI, and normal subjects. <i>NeuroImage</i> , 2008, 43, 458-469.	2.1	317
389	Symmetric abnormalities in sulcal patterning in schizophrenia. <i>NeuroImage</i> , 2008, 43, 440-446.	2.1	50
390	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
391	Evidence for abnormalities of cortical development in adolescent-onset schizophrenia. <i>NeuroImage</i> , 2008, 43, 665-675.	2.1	132
392	Left orbitofrontal and superior temporal gyrus structural changes associated to suicidal behavior in patients with schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2008, 32, 1673-1676.	2.5	105
393	The auditory P50 component to onset and offset of sound. <i>Clinical Neurophysiology</i> , 2008, 119, 376-387.	0.7	40
394	Realizing the potential of positron emission tomography with <sup>18</sup> F-fluorodeoxyglucose to improve the treatment of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2008, 4, S29-36.	0.4	25
395	Neurophysiology of the Cortical Pain Network: Revisiting the Role of S1 in Subjective Pain Perception Via Standardized Low-Resolution Brain Electromagnetic Tomography (sLORETA). <i>Journal of Pain</i> , 2008, 9, 1058-1069.	0.7	40
396	Gamma-Band Activity in Human Posterior Parietal Cortex Encodes the Motor Goal during Delayed Prosaccades and Antisaccades. <i>Journal of Neuroscience</i> , 2008, 28, 8397-8405.	1.7	108
397	Structural brain alterations in subjects at high-risk of psychosis: A voxel-based morphometric study. <i>Schizophrenia Research</i> , 2008, 102, 150-162.	1.1	132
398	Brain Atrophy Assessment in Multiple Sclerosis: Importance and Limitations. <i>Neuroimaging Clinics of North America</i> , 2008, 18, 675-686.	0.5	68
399	An Efficient Permutation Approach for Classical and Bioequivalence Hypothesis Testing of Biomedical Shape Study. , 2008, , .		0
400	Neuroanatomical correlates of malingered memory impairment: Event-related fMRI of deception on a recognition memory task. <i>Brain Injury</i> , 2008, 22, 481-489.	0.6	44

#	ARTICLE	IF	CITATIONS
402	Voxel-Based Assessment of Differences in Damage and Distribution of White Matter Lesions Between Patients With Primary Progressive and Relapsing-Remitting Multiple Sclerosis. Archives of Neurology, 2008, 65, 236-43.	4.9	38
403	Saccade Preparation Signals in the Human Frontal and Parietal Cortices. Journal of Neurophysiology, 2008, 99, 133-145.	0.9	101
404	Remodeling the Brain. Stroke, 2008, 39, 1520-1525.	1.0	355
405	Best individual template selection from deformation tensor minimization. , 2008, 2008, 460-463.		14
406	Measures of Cortical Plasticity after Transcranial Paired Associative Stimulation Predict Changes in Electroencephalogram Slow-Wave Activity during Subsequent Sleep. Journal of Neuroscience, 2008, 28, 7911-7918.	1.7	125
407	The Importance of Gene-Environment Interaction. Sociological Methods and Research, 2008, 37, 164-200.	4.3	14
408	Distinct Cerebral Pathways for Object Identity and Number in Human Infants. PLoS Biology, 2008, 6, e11.	2.6	190
409	Focal white matter changes in spasmodic dysphonia: a combined diffusion tensor imaging and neuropathological study. Brain, 2008, 131, 447-459.	3.7	118
410	Spatiotemporal Dynamics of Error Processing Dysfunctions in Major Depressive Disorder. Archives of General Psychiatry, 2008, 65, 179.	13.8	246
411	Cortical Activity Time Locked to the Shift and Maintenance of Spatial Attention. Cerebral Cortex, 2008, 18, 1384-1394.	1.6	48
412	The Representation of Parts and Wholes in Face-selective Cortex. Journal of Cognitive Neuroscience, 2008, 20, 863-878.	1.1	77
413	Enhancement of Auditory-evoked Potentials in Musicians Reflects an Influence of Expertise but not Selective Attention. Journal of Cognitive Neuroscience, 2008, 20, 2238-2249.	1.1	94
414	Semantic Adaptation and Competition during Word Comprehension. Cerebral Cortex, 2008, 18, 2574-2585.	1.6	115
415	Manifold based Morphometry applied to schizophrenia. , 2008, , .		1
416	Increased sensitivity in fMRI group analysis using mixed-effect modeling. , 2008, , .		0
417	Reduced Evoked Gamma Oscillations in the Frontal Cortex in Schizophrenia Patients: A TMS/EEG Study. American Journal of Psychiatry, 2008, 165, 996-1005.	4.0	202
418	3D face analysis for distinct features using statistical randomization. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	1
419	Use of resampling techniques in assessment of robustness of complex image analysis: An example in FDG-PET of patients with Alzheimer's disease. , 2008, , .		0



#	ARTICLE	IF	CITATIONS
420	Brain Research in Language. , 2008, , .		8
421	The Statistical Analysis of fMRI Data. Statistical Science, 2008, 23, .	1.6	383
422	Inferior frontal gyrus activity triggers anterior insula response to emotional facial expressions.. Emotion, 2008, 8, 775-780.	1.5	155
423	Spin saturation artifact correction using slice-to-volume registration motion estimates for fMRI time series. Medical Physics, 2008, 35, 424-434.	1.6	12
424	A generalization of voxel-wise procedures for high-dimensional statistical inference using ridge regression. Proceedings of SPIE, 2008, , .	0.8	2
425	The neural networks involved in pitch labeling of absolute pitch musicians. NeuroReport, 2008, 19, 851-854.	0.6	27
426	How Is a Statistical Link Established Between a Human Outcome and a Genetic Variant?. Sociological Methods and Research, 2008, 37, 201-226.	4.3	7
427	Multivariate analyses suggest genetic impacts on neurocircuitry in schizophrenia. NeuroReport, 2008, 19, 603-607.	0.6	25
428	Testing Simulation Theory with Cross-Modal Multivariate Classification of fMRI Data. PLoS ONE, 2008, 3, e3690.	1.1	96
429	Challenge-driven attention: Interacting frontal and brainstem systems. Frontiers in Human Neuroscience, 2008, 1, 3.	1.0	53
430	Interactions between posterior gamma and frontal alpha/beta oscillations during imagined actions. Frontiers in Human Neuroscience, 2008, 2, 7.	1.0	124
431	Optic flow in human vision: MEC reveals a foveo-fugal bias in V1, specialization for spiral space in hMSTs, and global motion sensitivity in the IPS. Journal of Vision, 2008, 8, 17-17.	0.1	16
432	The initial representation of individual faces in the right occipito-temporal cortex is holistic: Electrophysiological evidence from the composite face illusion. Journal of Vision, 2009, 9, 8-8.	0.1	116
433	Sleep-Dependent Improvement in Visuomotor Learning: A Causal Role for Slow Waves. Sleep, 2009, 32, 1273-1284.	0.6	200
434	Statistical analysis of multichannel scalp field data. , 0, , 169-190.		30
435	Brain mechanisms underlying human communication. Frontiers in Human Neuroscience, 2009, 3, 14.	1.0	64
436	Frontal white matter integrity as an endophenotype for schizophrenia: diffusion tensor imaging in monozygotic twins and patientsâ€™ nonpsychotic relatives. Frontiers in Human Neuroscience, 2009, 3, 35.	1.0	77
437	ERP time course and brain areas of spontaneous and intentional goal inferences. Social Neuroscience, 2009, 4, 165-184.	0.7	54

#	ARTICLE	IF	CITATIONS
438	Lesion Evidence That Two Distinct Regions within Prefrontal Cortex are Critical for <i>n</i> -Back Performance in Humans. <i>Journal of Cognitive Neuroscience</i> , 2009, 21, 2263-2275.	1.1	98
439	A Lagrangian formulation for statistical fluid registration. , 2009, 2009, 975-978.		4
440	Functional connectivity for somatosensory and motor cortex in spastic diplegia. <i>Somatosensory &amp; Motor Research</i> , 2009, 26, 90-104.	0.4	62
441	The Association of Lung Disease With Cerebral White Matter Abnormalities in Preterm Infants. <i>Pediatrics</i> , 2009, 124, 268-276.	1.0	71
442	Spectral Properties of Induced and Evoked Gamma Oscillations in Human Early Visual Cortex to Moving and Stationary Stimuli. <i>Journal of Neurophysiology</i> , 2009, 102, 1241-1253.	0.9	114
443	The effect of parabolic flight on perceived physical, motivational and psychological state in men and women: Correlation with neuroendocrine stress parameters and electrocortical activity. <i>Stress</i> , 2009, 12, 336-349.	0.8	33
444	Spatiotemporal Convergence of Semantic Processing in Reading and Speech Perception. <i>Journal of Neuroscience</i> , 2009, 29, 9271-9280.	1.7	56
445	Gamma-Band Synchronization in the Macaque Hippocampus and Memory Formation. <i>Journal of Neuroscience</i> , 2009, 29, 12521-12531.	1.7	159
446	Control networks in paediatric Tourette syndrome show immature and anomalous patterns of functional connectivity. <i>Brain</i> , 2009, 132, 225-238.	3.7	262
447	New blockwise permutation tests preserving exchangeability in functional neuroimaging. , 2009, 2009, 6977-80.		2
448	Time-Lapse Mapping of Cortical Changes in Schizophrenia with Different Treatments. <i>Cerebral Cortex</i> , 2009, 19, 1107-1123.	1.6	105
449	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
450	Improvement After Constraint-Induced Movement Therapy Is Independent of Infarct Location in Chronic Stroke Patients. <i>Stroke</i> , 2009, 40, 2468-2472.	1.0	37
451	A Polymorphism of the MAOA Gene is Associated with Emotional Brain Markers and Personality Traits on an Antisocial Index. <i>Neuropsychopharmacology</i> , 2009, 34, 1797-1809.	2.8	74
452	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
453	Different Spatial Scales of Shape Similarity Representation in Lateral and Ventral LOC. <i>Cerebral Cortex</i> , 2009, 19, 2269-2280.	1.6	156
454	The 3D Moore-Rayleigh Test for the Quantitative Groupwise Comparison of MR Brain Images. <i>Lecture Notes in Computer Science</i> , 2009, 21, 564-575.	1.0	3
455	Schizophrenia delays and alters maturation of the brain in adolescence. <i>Brain</i> , 2009, 132, 2437-2448.	3.7	139

#	ARTICLE	IF	CITATIONS
456	Imaging studies in congenital anophthalmia reveal preservation of brain architecture in "visual" cortex. <i>Brain</i> , 2009, 132, 3467-3480.	3.7	126
457	Structural Correlates of Preterm Birth in the Adolescent Brain. <i>Pediatrics</i> , 2009, 124, e964-e972.	1.0	100
458	Independence in ROI analysis: where is the voodoo?. <i>Social Cognitive and Affective Neuroscience</i> , 2009, 4, 208-213.	1.5	171
459	Modified test statistics by inter-voxel variance shrinkage with an application to fMRI. <i>Biostatistics</i> , 2009, 10, 219-227.	0.9	10
460	A Microsaccadic Rhythm Modulates Gamma-Band Synchronization and Behavior. <i>Journal of Neuroscience</i> , 2009, 29, 9471-9480.	1.7	202
461	The principled control of false positives in neuroimaging. <i>Social Cognitive and Affective Neuroscience</i> , 2009, 4, 417-422.	1.5	387
462	Trait inferences in goal-directed behavior: ERP timing and localization under spontaneous and intentional processing. <i>Social Cognitive and Affective Neuroscience</i> , 2009, 4, 177-190.	1.5	35
463	Remembrance of things touched: How sensorimotor experience affects the neural instantiation of object form. <i>Neuropsychologia</i> , 2009, 47, 239-247.	0.7	20
464	Brain connectivity in non-reading impaired children and children diagnosed with developmental dyslexia. <i>Neuropsychologia</i> , 2009, 47, 1972-1977.	0.7	131
465	Now or Later? An fMRI study of the effects of endogenous opioid blockade on a decision-making network. <i>Pharmacology Biochemistry and Behavior</i> , 2009, 93, 291-299.	1.3	70
466	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
467	Aberrant high-frequency desynchronization of cerebellar cortices in early-onset psychosis. <i>Psychiatry Research - Neuroimaging</i> , 2009, 174, 47-56.	0.9	24
468	Effect of a psychoneurotherapy on brain electromagnetic tomography in individuals with major depressive disorder. <i>Psychiatry Research - Neuroimaging</i> , 2009, 174, 231-239.	0.9	50
469	Tactile thermal oral stimulation increases the cortical representation of swallowing. <i>BMC Neuroscience</i> , 2009, 10, 71.	0.8	73
470	Measurement of pharyngeal sensory cortical processing: technique and physiologic implications. <i>BMC Neuroscience</i> , 2009, 10, 76.	0.8	14
471	A Framework for Detecting Glaucomatous Progression in the Optic Nerve Head of an Eye Using Proper Orthogonal Decomposition. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2009, 13, 781-793.	3.6	37
472	Unified Framework for Robust Estimation of Brain Networks From fMRI Using Temporal and Spatial Correlation Analyses. <i>IEEE Transactions on Medical Imaging</i> , 2009, 28, 1296-1307.	5.4	17
473	Controlling Familywise Error Rate for Matched Subspace Detection in Dynamic FDG PET. <i>IEEE Transactions on Medical Imaging</i> , 2009, 28, 1623-1631.	5.4	2

#	ARTICLE	IF	CITATIONS
474	Decoding Neuronal Ensembles in the Human Hippocampus. <i>Current Biology</i> , 2009, 19, 546-554.	1.8	197
475	Combined functional and causal connectivity analyses of language networks in children: A feasibility study. <i>Brain and Language</i> , 2009, 108, 22-29.	0.8	21
476	An introduction to anatomical ROI-based fMRI classification analysis. <i>Brain Research</i> , 2009, 1282, 114-125.	1.1	85
477	Artificial gravity results in changes in frontal lobe activity measured by EEG tomography. <i>Brain Research</i> , 2009, 1285, 119-126.	1.1	12
478	Detecting directional influence in fMRI connectivity analysis using PCA based Granger causality. <i>Brain Research</i> , 2009, 1289, 22-29.	1.1	53
479	Three-dimensional surface maps link local atrophy and fast ripples in human epileptic hippocampus. <i>Annals of Neurology</i> , 2009, 66, 783-791.	2.8	81
480	Time-dependent hemispheric shift of the cortical control of volitional swallowing. <i>Human Brain Mapping</i> , 2009, 30, 92-100.	1.9	88
481	Detecting brain growth patterns in normal children using tensor-based morphometry. <i>Human Brain Mapping</i> , 2009, 30, 209-219.	1.9	73
482	Investigation of white matter pathology in ALS and PLS using tract-based spatial statistics. <i>Human Brain Mapping</i> , 2009, 30, 615-624.	1.9	123
483	Fronto-temporal alterations within the first 200 ms during an attentional task distinguish major depression, non-clinical participants with depressed mood and healthy controls: A potential biomarker?. <i>Human Brain Mapping</i> , 2009, 30, 602-614.	1.9	51
484	Somatosensory system in two types of motor reorganization in congenital hemiparesis: Topography and function. <i>Human Brain Mapping</i> , 2009, 30, 776-788.	1.9	80
485	Cortical compensation associated with dysphagia caused by selective degeneration of bulbar motor neurons. <i>Human Brain Mapping</i> , 2009, 30, 1352-1360.	1.9	32
486	Pseudohomophone effects provide evidence of early lexico-phonological processing in visual word recognition. <i>Human Brain Mapping</i> , 2009, 30, 1977-1989.	1.9	74
487	Functional decoupling of BOLD and gamma-band amplitudes in human primary visual cortex. <i>Human Brain Mapping</i> , 2009, 30, 2000-2007.	1.9	55
488	Analyzing brain networks with PCA and conditional Granger causality. <i>Human Brain Mapping</i> , 2009, 30, 2197-2206.	1.9	207
489	Automated 3D mapping of hippocampal atrophy and its clinical correlates in 400 subjects with Alzheimer's disease, mild cognitive impairment, and elderly controls. <i>Human Brain Mapping</i> , 2009, 30, 2766-2788.	1.9	178
490	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
491	Coordinate-based activation likelihood estimation meta-analysis of neuroimaging data: A random-effects approach based on empirical estimates of spatial uncertainty. <i>Human Brain Mapping</i> , 2009, 30, 2907-2926.	1.9	1,664

#	ARTICLE	IF	CITATIONS
492	Voxelwise and skeleton-based region of interest analysis of fetal alcohol syndrome and fetal alcohol spectrum disorders in young adults. <i>Human Brain Mapping</i> , 2009, 30, 3265-3274.	1.9	67
493	Dissociating networks of imitation. <i>Human Brain Mapping</i> , 2009, 30, 3339-3350.	1.9	30
494	A comparison of Granger causality and coherency in fMRI-based analysis of the motor system. <i>Human Brain Mapping</i> , 2009, 30, 3475-3494.	1.9	40
495	Co-speech gestures influence neural activity in brain regions associated with processing semantic information. <i>Human Brain Mapping</i> , 2009, 30, 3509-3526.	1.9	170
496	Quantitative diffusion tensor imaging in amyotrophic lateral sclerosis: Revisited. <i>Human Brain Mapping</i> , 2009, 30, 3657-3675.	1.9	122
497	Mapping brain abnormalities in boys with autism. <i>Human Brain Mapping</i> , 2009, 30, 3887-3900.	1.9	48
498	Functional and anatomical connectivity abnormalities in left inferior frontal gyrus in schizophrenia. <i>Human Brain Mapping</i> , 2009, 30, 4138-4151.	1.9	101
499	3D Mapping of brain differences in native signing congenitally and prelingually deaf subjects. <i>Human Brain Mapping</i> , 2010, 31, 970-978.	1.9	29
500	Structure specific analysis of the hippocampus in temporal lobe epilepsy. <i>Hippocampus</i> , 2009, 19, 517-525.	0.9	24
501	Clinical correlations of brain lesion distribution in multiple sclerosis. <i>Journal of Magnetic Resonance Imaging</i> , 2009, 29, 768-773.	1.9	68
502	Computational Method for Identifying and Quantifying Shape Features of Human Left Ventricular Remodeling. <i>Annals of Biomedical Engineering</i> , 2009, 37, 1043-1054.	1.3	24
503	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
504	Optimizing the imaging of the monkey auditory cortex: sparse vs. continuous fMRI. <i>Magnetic Resonance Imaging</i> , 2009, 27, 1065-1073.	1.0	36
505	Pre-attentive Spectro-temporal Feature Processing in the Human Auditory System. <i>Brain Topography</i> , 2009, 22, 97-108.	0.8	27
506	An Investigation of the Relationship Between fMRI and ERP Source Localized Measurements of Brain Activity during Face Processing. <i>Brain Topography</i> , 2009, 22, 83-96.	0.8	32
507	Characteristic Changes in Brain Electrical Activity Due to Chronic Hypoxia in Patients with Obstructive Sleep Apnea Syndrome (OSAS): A Combined EEG Study Using LORETA and Omega Complexity. <i>Brain Topography</i> , 2009, 22, 185-190.	0.8	15
508	PyMVPA: a Python Toolbox for Multivariate Pattern Analysis of fMRI Data. <i>Neuroinformatics</i> , 2009, 7, 37-53.	1.5	435
509	Local sphere-based co-registration for SAM group analysis in subjects without individual MRI. <i>Experimental Brain Research</i> , 2009, 193, 387-396.	0.7	22

#	ARTICLE	IF	CITATIONS
510	Mapping cortical hubs in tinnitus. <i>BMC Biology</i> , 2009, 7, 80.	1.7	188
511	Persistent neural activity in the human frontal cortex when maintaining space that is off the map. <i>Nature Neuroscience</i> , 2009, 12, 1463-1468.	7.1	54
512	Adjusted Exponentially Tilted Likelihood with Applications to Brain Morphology. <i>Biometrics</i> , 2009, 65, 919-927.	0.8	9
513	Post-stroke tactile allodynia and its modulation by vestibular stimulation: a MEG case study. <i>Acta Neurologica Scandinavica</i> , 2009, 119, 404-409.	1.0	21
514	Central executive function in mild cognitive impairment: A PET activation study. <i>Scandinavian Journal of Psychology</i> , 2009, 50, 33-40.	0.8	9
515	The brain structural disposition to social interaction. <i>European Journal of Neuroscience</i> , 2009, 29, 2247-2252.	1.2	66
516	Neuropathic pain in spinal cord injury: significance of clinical and electrophysiological measures. <i>European Journal of Neuroscience</i> , 2009, 30, 91-99.	1.2	72
517	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
518	MEG evidence that the central auditory system simultaneously encodes multiple temporal cues. <i>European Journal of Neuroscience</i> , 2009, 30, 1183-1191.	1.2	3
519	Three-dimensional hippocampal atrophy maps distinguish two common temporal lobe seizure onset patterns. <i>Epilepsia</i> , 2009, 50, 1361-1370.	2.6	82
520	Comparing registration methods for mapping brain change using tensor-based morphometry. <i>Medical Image Analysis</i> , 2009, 13, 679-700.	7.0	48
521	Bootstrapping sums of independent but not identically distributed continuous processes with applications to functional data. <i>Journal of Multivariate Analysis</i> , 2009, 100, 1291-1303.	0.5	9
522	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
523	Evidence for ongoing brain injury in human immunodeficiency virus-positive patients treated with antiretroviral therapy. <i>Journal of NeuroVirology</i> , 2009, 15, 324-333.	1.0	126
524	Coarse threat images reveal theta oscillations in the amygdala: A magnetoencephalography study. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2009, 9, 133-143.	1.0	62
525	Electrophysiological correlates of high-level perception during spatial navigation. <i>Psychonomic Bulletin and Review</i> , 2009, 16, 313-319.	1.4	28
527	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
528	Striatal Dopamine D <sub>2</sub> /D <sub>3</sub> Receptor Availability Is Reduced in Methamphetamine Dependence and Is Linked to Impulsivity. <i>Journal of Neuroscience</i> , 2009, 29, 14734-14740.	1.7	330

#	ARTICLE	IF	CITATIONS
529	Localizing interference during naming: Convergent neuroimaging and neuropsychological evidence for the function of Broca's area. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 322-327.	3.3	309
530	Brain signatures of monetary loss and gain: Outcome-related potentials in a single outcome gambling task. <i>Behavioural Brain Research</i> , 2009, 197, 62-76.	1.2	64
531	Monitoring effects of acute hypoxia on brain cortical activity by using electromagnetic tomography. <i>Behavioural Brain Research</i> , 2009, 197, 476-480.	1.2	23
532	Event-related delta and theta synchronization during explicit and implicit emotion processing. <i>Neuroscience</i> , 2009, 164, 1588-1600.	1.1	187
533	Changes in brain cortical activity measured by EEG are related to individual exercise preferences. <i>Physiology and Behavior</i> , 2009, 98, 447-452.	1.0	98
534	Database-managed Grid-enabled analysis of neuroimaging data: The CNARI framework. <i>International Journal of Psychophysiology</i> , 2009, 73, 62-72.	0.5	9
535	Cortical oscillatory activity associated with the perception of illusory and real visual contours. <i>International Journal of Psychophysiology</i> , 2009, 73, 265-272.	0.5	13
536	Language-specific activations in the brain: Evidence from inflectional processing in bilinguals. <i>Journal of Neurolinguistics</i> , 2009, 22, 495-513.	0.5	27
537	School sport – A neurophysiological approach. <i>Neuroscience Letters</i> , 2009, 467, 131-134.	1.0	41
538	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
539	Auditory-evoked potentials to frequency increase and decrease of high- and low-frequency tones. <i>Clinical Neurophysiology</i> , 2009, 120, 360-373.	0.7	35
540	Activation of fast sleep spindles at the premotor cortex and parietal areas contributes to motor learning: A study using sLORETA. <i>Clinical Neurophysiology</i> , 2009, 120, 878-886.	0.7	82
541	Frontal attentional responses to food size are abnormal in obese subjects: An electroencephalographic study. <i>Clinical Neurophysiology</i> , 2009, 120, 1441-1448.	0.7	29
542	Cortical evoked potentials to an auditory illusion: Binaural beats. <i>Clinical Neurophysiology</i> , 2009, 120, 1514-1524.	0.7	44
543	Reduced fronto-temporal connectivity is associated with frontal gray matter density reduction and neuropsychological deficit in schizophrenia. <i>Schizophrenia Research</i> , 2009, 108, 57-68.	1.1	56
544	Mapping grey matter reductions in schizophrenia: An anatomical likelihood estimation analysis of voxel-based morphometry studies. <i>Schizophrenia Research</i> , 2009, 108, 104-113.	1.1	311
545	Reduced white matter integrity correlated with cortico – subcortical gray matter deficits in schizophrenia. <i>Schizophrenia Research</i> , 2009, 111, 78-85.	1.1	38
546	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

#	ARTICLE	IF	CITATIONS
547	Effect of initiation-inhibition and handedness on the patterns of the P50 event-related potential component: a low resolution electromagnetic tomography study. Behavioral and Brain Functions, 2009, 5, 51.	1.4	10
548	Mental Training Enhances Attentional Stability: Neural and Behavioral Evidence. Journal of Neuroscience, 2009, 29, 13418-13427.	1.7	374
549	DynaFit™ A Software Package for Enzymology. Methods in Enzymology, 2009, 467, 247-280.	0.4	180
550	The neural response to facial attractiveness.. Neuropsychology, 2009, 23, 135-143.	1.0	190
551	Voxel-Based Morphometry: An Automated Technique for Assessing Structural Changes in the Brain. Journal of Neuroscience, 2009, 29, 9661-9664.	1.7	279
552	Cross-subject Comparison of Local Diffusion MRI Parameters. , 2009, , 147-174.		2
553	Quantitative evaluation of Alzheimer™s disease. Expert Review of Medical Devices, 2009, 6, 569-588.	1.4	14
554	Distinct patterns of brain activity in young carriers of the <i>APOE</i> - $\epsilon$ 4 allele. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 7209-7214.	3.3	1,524
555	A novel ANCOVA design for analysis of MEG data with application to a visual attention study~†. NeuroImage, 2009, 44, 164-174.	2.1	19
556	Long-term global and regional brain volume changes following severe traumatic brain injury: A longitudinal study with clinical correlates. NeuroImage, 2009, 44, 1-8.	2.1	195
557	Issues with threshold masking in voxel-based morphometry of atrophied brains. NeuroImage, 2009, 44, 99-111.	2.1	275
558	Investigating the neural correlates of continuous speech computation with frequency-tagged neuroelectric responses. NeuroImage, 2009, 44, 509-519.	2.1	121
559	Sensory gating and source analysis of the auditory P50 in low and high suppressors. NeuroImage, 2009, 44, 992-1000.	2.1	49
560	APOE related hippocampal shape alteration in geriatric depression. NeuroImage, 2009, 44, 620-626.	2.1	67
561	The cortical dynamics in building syntactic structures of sentences: An MEG study in a minimal-pair paradigm. NeuroImage, 2009, 44, 1387-1396.	2.1	15
562	Automated mapping of hippocampal atrophy in 1-year repeat MRI data from 490 subjects with Alzheimer's disease, mild cognitive impairment, and elderly controls. NeuroImage, 2009, 45, S3-S15.	2.1	211
563	Group analysis of DTI fiber tract statistics with application to neurodevelopment. NeuroImage, 2009, 45, S133-S142.	2.1	180
564	Modeling the hemodynamic response function in fMRI: Efficiency, bias and mis-modeling. NeuroImage, 2009, 45, S187-S198.	2.1	435



#	ARTICLE	IF	CITATIONS
565	Decreased white matter integrity in late-myelinating fiber pathways in Alzheimer's disease supports retrogenesis. <i>NeuroImage</i> , 2009, 45, 10-16.	2.1	274
566	The personality trait openness is related to cerebral 5-HTT levels. <i>NeuroImage</i> , 2009, 45, 280-285.	2.1	131
567	Tract-based morphometry for white matter group analysis. <i>NeuroImage</i> , 2009, 45, 832-844.	2.1	168
568	Alzheimer's Disease Neuroimaging Initiative: A one-year follow up study using tensor-based morphometry correlating degenerative rates, biomarkers and cognition. <i>NeuroImage</i> , 2009, 45, 645-655.	2.1	159
569	Evaluating SVM and MLDA in the extraction of discriminant regions for mental state prediction. <i>NeuroImage</i> , 2009, 46, 105-114.	2.1	45
570	Components of variance in brain perfusion and the design of studies of individual differences: The baseline study. <i>NeuroImage</i> , 2009, 46, 12-22.	2.1	30
571	Pattern of hippocampal shape and volume differences in blind subjects. <i>NeuroImage</i> , 2009, 46, 949-957.	2.1	52
572	Enhanced false discovery rate using Gaussian mixture models for thresholding fMRI statistical maps. <i>NeuroImage</i> , 2009, 47, 231-261.	2.1	38
573	Widespread affections of large fiber tracts in postoperative temporal lobe epilepsy. <i>NeuroImage</i> , 2009, 46, 569-576.	2.1	68
574	Signal abnormalities on 1.5 and 3T 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
575	Combined analyses of thalamic volume, shape and white matter integrity in first-episode schizophrenia. <i>NeuroImage</i> , 2009, 47, 1163-1171.	2.1	44
576	Mapping the regional influence of genetics on brain structure variability – A Tensor-Based Morphometry study. <i>NeuroImage</i> , 2009, 48, 37-49.	2.1	76
577	Simple group fMRI modeling and inference. <i>NeuroImage</i> , 2009, 47, 1469-1475.	2.1	88
578	Neuroanatomical asymmetry patterns in individuals with schizophrenia and their non-psychotic siblings. <i>NeuroImage</i> , 2009, 47, 1221-1229.	2.1	50
579	Recognizing an individual face: 3D shape contributes earlier than 2D surface reflectance information. <i>NeuroImage</i> , 2009, 47, 1809-1818.	2.1	63
580	COMT genotype and resting brain perfusion in children. <i>NeuroImage</i> , 2009, 48, 217-222.	2.1	10
581	Functional but not structural changes associated with learning: An exploration of longitudinal Voxel-Based Morphometry (VBM). <i>NeuroImage</i> , 2009, 48, 117-125.	2.1	90
582	Group analyses of connectivity-based cortical parcellation using repeated k-means clustering. <i>NeuroImage</i> , 2009, 47, 1666-1677.	2.1	111

#	ARTICLE	IF	CITATIONS
583	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
584	Accurate and robust brain image alignment using boundary-based registration. <i>NeuroImage</i> , 2009, 48, 63-72.	2.1	2,808
585	Optimizing power to track brain degeneration in Alzheimer's disease and mild cognitive impairment with tensor-based morphometry: An ADNI study of 515 subjects. <i>NeuroImage</i> , 2009, 48, 668-681.	2.1	129
586	Detection of event-related modulations of oscillatory brain activity with multivariate statistical analysis of MEG data. <i>Human Brain Mapping</i> , 2009, 30, 1922-1934.	1.9	12
587	Three-Dimensional Surface Mapping of the Caudate Nucleus in Late-Life Depression. <i>American Journal of Geriatric Psychiatry</i> , 2009, 17, 4-12.	0.6	59
588	Effects of Dextromethorphan/Quinidine on Auditory Event-Related Potentials in Multiple Sclerosis Patients With Pseudobulbar Affect. <i>Journal of Clinical Psychopharmacology</i> , 2009, 29, 444-452.	0.7	15
589	Sex differences in brain structure in auditory and cingulate regions. <i>NeuroReport</i> , 2009, 20, 930-935.	0.6	126
590	Area Spt in the Human Planum Temporale Supports Sensory-Motor Integration for Speech Processing. <i>Journal of Neurophysiology</i> , 2009, 101, 2725-2732.	0.9	204
591	Influence of Fatigue on Hand Muscle Coordination and EMG-EMG Coherence During Three-Digit Grasping. <i>Journal of Neurophysiology</i> , 2010, 104, 3576-3587.	0.9	79
592	Brain and Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 600-607.	0.2	54
593	Shared Cortical Systems for Processing of Horizontal and Vertical Sound Motion. <i>Journal of Neurophysiology</i> , 2010, 103, 1896-1904.	0.9	24
594	Antero-Posterior EEG Spectral Power Gradient as a Correlate of Extraversion and Behavioral Inhibition. <i>Open Neuroimaging Journal</i> , 2010, 4, 114-120.	0.2	17
595	Grey and White Matter Changes at Different Stages of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2010, 19, 147-159.	1.2	135
596	Force-Independent Distribution of Correlated Neural Inputs to Hand Muscles During Three-Digit Grasping. <i>Journal of Neurophysiology</i> , 2010, 104, 1141-1154.	0.9	75
597	Basal Ganglia Shapes Predict Social, Communication, and Motor Dysfunctions in Boys With Autism Spectrum Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2010, 49, 539-551e4.	0.3	10
598	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
599	Directed corticocortical functional connectivity at the early stages of serial learning in adults and seven- to eight-year-old children. <i>Human Physiology</i> , 2010, 36, 408-419.	0.1	5
600	Resisting emotional interference: Brain regions facilitating working memory performance during negative distraction. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2010, 10, 159-173.	1.0	102

#	ARTICLE	IF	CITATIONS
601	Updating of context in working memory: An event-related potential study. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2010, 10, 298-315.	1.0	91
602	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
603	Computational analysis of cerebral cortex. <i>Neuroradiology</i> , 2010, 52, 691-698.	1.1	32
604	Voxel-based analysis of the diffusion tensor. <i>Neuroradiology</i> , 2010, 52, 699-710.	1.1	59
605	Shifting from region of interest (ROI) to voxel-based analysis in human brain mapping. <i>Pediatric Radiology</i> , 2010, 40, 1857-1867.	1.1	56
606	Altered amygdala functional connectivity in adult Tourette's syndrome. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2010, 260, 95-99.	1.8	27
607	A statistical method (cross-validation) for bone loss region detection after spaceflight. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2010, 33, 163-169.	1.4	3
608	Cortical Connections Between Dorsal and Ventral Visual Streams in Humans: Evidence by TMS/EEG Co-Registration. <i>Brain Topography</i> , 2010, 22, 307-317.	0.8	46
609	Somatosensory System Deficits in Schizophrenia Revealed by MEG during a Median-Nerve Oddball Task. <i>Brain Topography</i> , 2010, 23, 82-104.	0.8	51
610	A Method to Determine the Presence of Averaged Event-Related Fields Using Randomization Tests. <i>Brain Topography</i> , 2010, 23, 233-242.	0.8	174
611	Convolution Power Spectrum Analysis for fMRI Data Based on Prior Image Signal. <i>IEEE Transactions on Biomedical Engineering</i> , 2010, 57, 343-352.	2.5	12
612	Comparison of AdaBoost and Support Vector Machines for Detecting Alzheimer's Disease Through Automated Hippocampal Segmentation. <i>IEEE Transactions on Medical Imaging</i> , 2010, 29, 30-43.	5.4	184
613	A Statistical Framework for Optimal Design Matrix Generation With Application to fMRI. <i>IEEE Transactions on Medical Imaging</i> , 2010, 29, 1573-1611.	5.4	2
614	Dysfunctional reward processing in male alcoholics: An ERP study during a gambling task. <i>Journal of Psychiatric Research</i> , 2010, 44, 576-590.	1.5	76
615	Neural responses to rigidly moving faces displaying shifts in social attention investigated with fMRI and MEG. <i>Neuropsychologia</i> , 2010, 48, 477-490.	0.7	45
616	Response inhibition is associated with white matter microstructure in children. <i>Neuropsychologia</i> , 2010, 48, 854-862.	0.7	93
617	From numbers to letters: Feedback regularization in visual word recognition. <i>Neuropsychologia</i> , 2010, 48, 1343-1355.	0.7	27
618	The default network and processing of personally relevant information: Converging evidence from task-related modulations and functional connectivity. <i>Neuropsychologia</i> , 2010, 48, 3815-3823.	0.7	47

#	ARTICLE	IF	CITATIONS
619	Meditation experience predicts less negative appraisal of pain: Electrophysiological evidence for the involvement of anticipatory neural responses. <i>Pain</i> , 2010, 150, 428-438.	2.0	133
620	Temporo-insular enhancement of EEG low and high frequencies in patients with chronic tinnitus. QEEG study of chronic tinnitus patients. <i>BMC Neuroscience</i> , 2010, 11, 40.	0.8	126
621	Mismatch task conditions and error related ERPs. <i>Behavioral and Brain Functions</i> , 2010, 6, 14.	1.4	3
622	Sensitive Period for a Multimodal Response in Human Visual Motion Area MT/MST. <i>Current Biology</i> , 2010, 20, 1900-1906.	1.8	146
623	Neural development of networks for audiovisual speech comprehension. <i>Brain and Language</i> , 2010, 114, 101-114.	0.8	109
624	Misaligning face halves increases and delays the N170 specifically for upright faces: Implications for the nature of early face representations. <i>Brain Research</i> , 2010, 1318, 96-109.	1.1	51
625	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
626	Twenty-five pitfalls in the analysis of diffusion MRI data. <i>NMR in Biomedicine</i> , 2010, 23, 803-820.	1.6	717
627	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
628	Independent component analysis of erroneous and correct responses suggests online response control. <i>Human Brain Mapping</i> , 2010, 31, 1305-1315.	1.9	76
629	Emotional imagery: Assessing pleasure and arousal in the brain's reward circuitry. <i>Human Brain Mapping</i> , 2010, 31, 1446-1457.	1.9	158
630	Spatiotemporal distribution pattern of white matter lesion volumes and their association with regional grey matter volume reductions in relapsing-remitting multiple sclerosis. <i>Human Brain Mapping</i> , 2010, 31, 1542-1555.	1.9	42
631	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
632	Cortical activation by tactile stimulation to face and anterior neck areas: An fMRI study with three analytic methods. <i>Human Brain Mapping</i> , 2010, 31, 1876-1885.	1.9	4
633	Relationships of brain white matter microstructure with clinical and MR measures in relapsing-remitting multiple sclerosis. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 31, 309-316.	1.9	73
634	Effects of gradient nonlinearity correction and intensity nonuniformity 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
635	Hippocampal, caudate, and ventricular changes in Parkinson's disease with and without dementia. <i>Movement Disorders</i> , 2010, 25, 687-695.	2.2	145
636	In vivo demonstration of microstructural brain pathology in progressive supranuclear palsy: A DTI study using TBSS. <i>Movement Disorders</i> , 2010, 25, 1232-1238.	2.2	70

#	ARTICLE	IF	CITATIONS
637	Assessment of arterial arrival times derived from multiple inversion time pulsed arterial spin labeling MRI. <i>Magnetic Resonance in Medicine</i> , 2010, 63, 641-647.	1.9	109
638	A framework for optimizing measurement weight maps to minimize the required sample size. <i>Medical Image Analysis</i> , 2010, 14, 255-264.	7.0	4
639	Novel diffusion tensor imaging methodology to detect and quantify injured regions and affected brain pathways in traumatic brain injury. <i>Magnetic Resonance Imaging</i> , 2010, 28, 22-40.	1.0	84
640	A Monte Carlo simulation of image misalignment effects in diffusion tensor imaging. <i>Magnetic Resonance Imaging</i> , 2010, 28, 834-841.	1.0	3
641	Wavelet modeling of functional random effects with application to human vision data. <i>Journal of Statistical Planning and Inference</i> , 2010, 140, 3797-3808.	0.4	8
642	A tract-specific framework for white matter morphometry combining macroscopic and microscopic tract features. <i>Medical Image Analysis</i> , 2010, 14, 666-673.	7.0	52
643	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
644	Meta-analysis of neuroimaging data. <i>Wiley Interdisciplinary Reviews: Cognitive Science</i> , 2010, 1, 293-300.	1.4	59
645	False discovery rate and permutation test: An evaluation in ERP data analysis. <i>Statistics in Medicine</i> , 2010, 29, 63-74.	0.8	106
646	Hippocampal malrotation in pediatric patients with epilepsy associated with complex prefrontal dysfunction. <i>Epilepsia</i> , 2010, 51, 546-555.	2.6	23
647	Decreased Cortical Somatosensory Finger Representation in X-linked Recessive Bulbospinal Neuronopathy (Kennedy Disease): A Magnetoencephalographic Study. <i>Journal of Neuroimaging</i> , 2010, 20, 16-21.	1.0	1
648	Phasic brain activity related to the onset of rapid eye movements during rapid eye movement sleep: study of event-related potentials and standardized low-resolution brain electromagnetic tomography. <i>Journal of Sleep Research</i> , 2010, 19, 407-414.	1.7	9
649	Absolute Arterial Cerebral Blood Volume Quantification Using Inflow Vascular-Space-Occupancy with Dynamic Subtraction Magnetic Resonance Imaging. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2010, 30, 1329-1342.	2.4	57
650	Everything You Never Wanted to Know about Circular Analysis, but Were Afraid to Ask. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2010, 30, 1551-1557.	2.4	190
651	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
652	Neuromagnetic oscillations to emotional faces and prosody. <i>European Journal of Neuroscience</i> , 2010, 31, 1818-1827.	1.2	24
653	Left temporal alpha band activity increases during working memory retention of pitches. <i>European Journal of Neuroscience</i> , 2010, 31, 1701-1707.	1.2	57
654	Whole brain resting-state analysis reveals decreased functional connectivity in major depression. <i>Frontiers in Systems Neuroscience</i> , 2010, 4, .	1.2	414

#	ARTICLE	IF	CITATIONS
655	Quantifying auditory event-related responses in multichannel human intracranial recordings. <i>Frontiers in Computational Neuroscience</i> , 2010, 4, 4.	1.2	35
656	Listening for recollection: a multi-voxel pattern analysis of recognition memory retrieval strategies. <i>Frontiers in Human Neuroscience</i> , 2010, 4, .	1.0	22
657	Size isn't all that matters: noticing differences in size and temporal order. <i>Frontiers in Human Neuroscience</i> , 2010, 4, .	1.0	12
658	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
659	Simultaneous EEG-fMRI during a Working Memory Task: Modulations in Low and High Frequency Bands. <i>PLoS ONE</i> , 2010, 5, e10298.	1.1	175
660	Neurophysiological evidence for the influence of past experience on figure-ground perception. <i>Journal of Vision</i> , 2010, 10, 1-21.	0.1	49
662	Event-Related Potentials Elicited by the Explicit and Implicit Processing of Familiarity in Faces. <i>Clinical EEG and Neuroscience</i> , 2010, 41, 24-31.	0.9	11
663	Quantifying the Adequacy of Neural Representations for a Cross-Language Phonetic Discrimination Task: Prediction of Individual Differences. <i>Cerebral Cortex</i> , 2010, 20, 1-12.	1.6	86
664	Common and Dissociable Prefrontal Loci Associated with Component Mechanisms of Analogical Reasoning. <i>Cerebral Cortex</i> , 2010, 20, 524-533.	1.6	115
665	A FREQUENCY SIGNAL METHOD FOR fMRI DATA ANALYSIS. <i>Biomedical Engineering - Applications, Basis and Communications</i> , 2010, 22, 377-383.	0.3	0
666	Contrasting gray and white matter changes in preclinical Huntington disease. <i>Neurology</i> , 2010, 74, 1208-1216.	1.5	100
667	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
668	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
669	Neuronal Synchronization in Human Posterior Parietal Cortex during Reach Planning. <i>Journal of Neuroscience</i> , 2010, 30, 1402-1412.	1.7	73
670	1,4-Diazabicyclo[2.2.2]octane (DABCO) as a useful catalyst in organic synthesis. <i>European Journal of Chemistry</i> , 2010, 1, 54-60.	0.3	61
671	Automated VOI analysis in <sup>18</sup> F-FDDNP PET using structural warping: Validation through classification of Alzheimer's disease patients. , 2010, , .		0
672	Neurofeedback Efficacy in the Treatment of a 43-Year-Old Female Stroke Victim: A Case Study. <i>Journal of Neurotherapy</i> , 2010, 14, 107-121.	0.9	17
673	The Neural Basis for Spatial Relations. <i>Journal of Cognitive Neuroscience</i> , 2010, 22, 1739-1753.	1.1	79

#	ARTICLE	IF	CITATIONS
674	A Neural Marker of Costly Punishment Behavior. <i>Psychological Science</i> , 2010, 21, 337-342.	1.8	86
675	Task Usefulness Affects Perception of Rivalrous Images. <i>Psychological Science</i> , 2010, 21, 1886-1893.	1.8	17
676	Expectation-Driven Changes in Cortical Functional Connectivity Influence Working Memory and Long-Term Memory Performance. <i>Journal of Neuroscience</i> , 2010, 30, 14399-14410.	1.7	88
677	A Surface-Based Analysis of Hemispheric Asymmetries and Folding of Cerebral Cortex in Term-Born Human Infants. <i>Journal of Neuroscience</i> , 2010, 30, 2268-2276.	1.7	285
678	Accumulation of Evidence during Sequential Decision Making: The Importance of Top-Down Factors. <i>Journal of Neuroscience</i> , 2010, 30, 731-738.	1.7	70
679	Neural Dynamics Associated with Semantic and Episodic Memory for Faces: Evidence from Multiple Frequency Bands. <i>Journal of Cognitive Neuroscience</i> , 2010, 22, 263-277.	1.1	56
680	Default network connectivity reflects the level of consciousness in non-communicative brain-damaged patients. <i>Brain</i> , 2010, 133, 161-171.	3.7	723
681	Functional Properties of Human Primary Motor Cortex Gamma Oscillations. <i>Journal of Neurophysiology</i> , 2010, 104, 2873-2885.	0.9	229
682	Longitudinal study of carbon monoxide intoxication by diffusion tensor imaging with neuropsychiatric correlation. <i>Journal of Psychiatry and Neuroscience</i> , 2010, 35, 115-125.	1.4	40
683	Absolute diffusivities define the landscape of white matter degeneration in Alzheimer's disease. <i>Brain</i> , 2010, 133, 529-539.	3.7	359
684	Functional connectivity and language impairment in cryptogenic localization-related epilepsy. <i>Neurology</i> , 2010, 75, 395-402.	1.5	73
685	Theta Oscillations Mediate Interaction between Prefrontal Cortex and Medial Temporal Lobe in Human Memory. <i>Cerebral Cortex</i> , 2010, 20, 1604-1612.	1.6	185
686	Similar White Matter Aberrations in Children With Autism and Their Unaffected Siblings. <i>Archives of General Psychiatry</i> , 2010, 67, 1052.	13.8	152
687	Spectral Changes of Interhemispheric Crosstalk during Movement Instabilities. <i>Cerebral Cortex</i> , 2010, 20, 2605-2613.	1.6	46
688	A new combined surface and volume registration. , 2010, , .		4
689	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
690	The structural plasticity of white matter networks following anterior temporal lobe resection. <i>Brain</i> , 2010, 133, 2348-2364.	3.7	111
691	Combining morphometric evidence from multiple registration methods using dempster-shafer theory. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
692	Morphological Characteristics of Brain Tumors Causing Seizures. Archives of Neurology, 2010, 67, 336-42.	4.9	139
693	When, where, and how the corpus callosum changes in MCI and AD. Neurology, 2010, 74, 1136-1142.	1.5	144
694	Thalamic Dysfunction in Schizophrenia Suggested by Whole-Night Deficits in Slow and Fast Spindles. American Journal of Psychiatry, 2010, 167, 1339-1348.	4.0	264
695	White Matter Integrity is Associated with Treatment Outcome Measures in Cocaine Dependence. Neuropsychopharmacology, 2010, 35, 1541-1549.	2.8	79
696	Imaging distribution and frequency of cortical lesions in patients with multiple sclerosis. Neurology, 2010, 75, 1234-1240.	1.5	89
697	Genetic variants that affect length/height in infancy/early childhood in Vietnamese-Korean families. Journal of Human Genetics, 2010, 55, 681-690.	1.1	13
698	Seasonal Changes in Brain Serotonin Transporter Binding in Short Serotonin Transporter Linked Polymorphic Region-Allele Carriers but Not in Long-Allele Homozygotes. Biological Psychiatry, 2010, 67, 1033-1039.	0.7	113
699	Functional Amygdala-Hippocampus Connectivity During Anticipation of Aversive Events is Associated with Gray's Trait "Sensitivity to Punishment". Biological Psychiatry, 2010, 68, 459-464.	0.7	49
700	Time and frequency domain event-related electrical activity associated with response control in schizophrenia. Clinical Neurophysiology, 2010, 121, 1760-1771.	0.7	28
701	Reduced white matter integrity as a neural correlate of social cognition deficits in schizophrenia. Schizophrenia Research, 2010, 119, 232-239.	1.1	46
702	Neuromagnetic imaging of movement-related cortical oscillations in children and adults: Age predicts post-movement beta rebound. NeuroImage, 2010, 51, 792-807.	2.1	166
703	Mapping Alzheimer's disease progression in 1309 MRI scans: Power estimates for different inter-scan intervals. NeuroImage, 2010, 51, 63-75.	2.1	79
704	Rostral Cingulate Zone and correct response monitoring: ICA and source localization evidences for the unicity of correct- and error-negativities. NeuroImage, 2010, 51, 391-403.	2.1	141
705	White-matter abnormalities in Tourette syndrome extend beyond motor pathways. NeuroImage, 2010, 51, 1184-1193.	2.1	92
706	Age-related changes in grey and white matter structure throughout adulthood. NeuroImage, 2010, 51, 943-951.	2.1	428
707	Quantitative mapping of T1 and T2* discloses nigral and brainstem pathology in early Parkinson's disease. NeuroImage, 2010, 51, 512-520.	2.1	143
708	Identifying robust and sensitive frequency bands for interrogating neural oscillations. NeuroImage, 2010, 51, 1319-1333.	2.1	80
709	Visually induced gamma-band activity predicts speed of change detection in humans. NeuroImage, 2010, 51, 1162-1167.	2.1	86



#	ARTICLE	IF	CITATIONS
710	Determining the optimal level of smoothing in cortical thickness analysis: A hierarchical approach based on sequential statistical thresholding. <i>NeuroImage</i> , 2010, 52, 158-171.	2.1	47
711	Genetic influences on brain asymmetry: A DTI study of 374 twins and siblings. <i>NeuroImage</i> , 2010, 52, 455-469.	2.1	127
712	Nicotine replacement in abstinent smokers improves cognitive withdrawal symptoms with modulation of resting brain network dynamics. <i>NeuroImage</i> , 2010, 52, 590-599.	2.1	166
713	Auditory evoked fields to vocalization during passive listening and active generation in adults who stutter. <i>NeuroImage</i> , 2010, 52, 1645-1653.	2.1	71
714	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
715	Hippocampal-cortical structural connectivity disruptions in schizophrenia: An integrated perspective from hippocampal shape, cortical thickness, and integrity of white matter bundles. <i>NeuroImage</i> , 2010, 52, 1181-1189.	2.1	67
716	Top-down modulation of visual feature processing: The role of the inferior frontal junction. <i>NeuroImage</i> , 2010, 53, 736-745.	2.1	125
717	Network-based statistic: Identifying differences in brain networks. <i>NeuroImage</i> , 2010, 53, 1197-1207.	2.1	2,098
718	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
719	Cerebral cortical folding analysis with multivariate modeling and testing: Studies on gender differences and neonatal development. <i>NeuroImage</i> , 2010, 53, 450-459.	2.1	62
720	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
721	The Differences in Brain Activity between Narrow Band Noise and Pure Tone Tinnitus. <i>PLoS ONE</i> , 2010, 5, e13618.	1.1	57
722	Localizing sensory and cognitive systems for pre-attentive visual deviance detection: An sLORETA analysis of the data of Kimura et al. (2009). <i>Neuroscience Letters</i> , 2010, 485, 198-203.	1.0	78
723	A comparison of auditory evoked potentials to acoustic beats and to binaural beats. <i>Hearing Research</i> , 2010, 262, 34-44.	0.9	64
724	Decreased P300 current source density in drug-naive first episode schizophrenics revealed by high density recording. <i>International Journal of Psychophysiology</i> , 2010, 75, 249-257.	0.5	21
726	Functional magnetic resonance imaging of a child with Alice in Wonderland syndrome during an episode of micropsia. <i>Journal of AAPOS</i> , 2010, 14, 317-322.	0.2	48
727	Brain potential correlates of the "internal features advantage" in face recognition. <i>Biological Psychology</i> , 2010, 83, 133-142.	1.1	6
728	The effects of morning training on night sleep: A behavioral and EEG study. <i>Brain Research Bulletin</i> , 2010, 82, 118-123.	1.4	52

#	ARTICLE	IF	CITATIONS
729	White matter microstructural differences linked to left perisylvian language network in children with dyslexia. <i>Cortex</i> , 2010, 46, 739-749.	1.1	150
730	Forming intentions successfully: Differential compensational mechanisms of adolescents and old adults. <i>Cortex</i> , 2010, 46, 575-589.	1.1	17
731	Reduced anterior prefrontal cortex activation in young binge drinkers during a visual working memory task. <i>Drug and Alcohol Dependence</i> , 2010, 109, 45-56.	1.6	80
732	Electrophysiological correlates of the composite face illusion: Disentangling perceptual and decisional components of holistic face processing in the human brain. <i>Brain and Cognition</i> , 2010, 74, 225-238.	0.8	42
733	Distinct neural correlates for two types of inhibition in bilinguals: Response inhibition versus interference suppression. <i>Brain and Cognition</i> , 2010, 74, 347-357.	0.8	208
734	Event-related components of the punishment and reward sensitivity. <i>Clinical Neurophysiology</i> , 2010, 121, 60-76.	0.7	82
735	Cognitive effects of topiramate revealed by standardised low-resolution brain electromagnetic tomography (sLORETA) of event-related potentials. <i>Clinical Neurophysiology</i> , 2010, 121, 1494-1501.	0.7	20
736	Age-related changes in cortical swallowing processing. <i>Neurobiology of Aging</i> , 2010, 31, 1044-1050.	1.5	47
737	Differential effects of nicotine on P50 amplitude, its gating, and their neural sources in low and high suppressors. <i>Neuroscience</i> , 2010, 170, 816-826.	1.1	40
738	Cortical and subcortical contributions to absence seizure onset examined with EEG/fMRI. <i>Epilepsy and Behavior</i> , 2010, 18, 404-413.	0.9	109
739	How much does phase resetting contribute to event-related EEG abnormalities in schizophrenia?. <i>Neuroscience Letters</i> , 2010, 481, 1-5.	1.0	20
740	Brain structure changes visualized in early- and late-onset blind subjects. <i>NeuroImage</i> , 2010, 49, 134-140.	2.1	107
741	Longitudinal changes in grey and white matter during adolescence. <i>NeuroImage</i> , 2010, 49, 94-103.	2.1	352
742	Spatiotemporal reconstruction of the auditory steady-state response to frequency modulation using magnetoencephalography. <i>NeuroImage</i> , 2010, 49, 745-758.	2.1	29
743	Microstructural white matter changes in normal aging: A diffusion tensor imaging study with higher-order polynomial regression models. <i>NeuroImage</i> , 2010, 49, 32-43.	2.1	93
744	Emotional context modulates response inhibition: Neural and behavioral data. <i>NeuroImage</i> , 2010, 49, 914-921.	2.1	173
745	Age-related differences in white matter microstructure: Region-specific patterns of diffusivity. <i>NeuroImage</i> , 2010, 49, 2104-2112.	2.1	340
746	Source stability index: A novel beamforming based localisation metric. <i>NeuroImage</i> , 2010, 49, 1385-1397.	2.1	26

#	ARTICLE	IF	CITATIONS
747	Validation of ICA-based myogenic artifact correction for scalp and source-localized EEG. <i>NeuroImage</i> , 2010, 49, 2416-2432.	2.1	184
748	Feature-based morphometry: Discovering group-related anatomical patterns. <i>NeuroImage</i> , 2010, 49, 2318-2327.	2.1	88
749	Somatosensory cortical activation identified by functional MRI in preterm and term infants. <i>NeuroImage</i> , 2010, 49, 2063-2071.	2.1	102
750	Identifying true cortical interactions in MEG using the nulling beamformer. <i>NeuroImage</i> , 2010, 49, 3161-3174.	2.1	78
751	Investigating hemodynamic response variability at the group level using basis functions. <i>NeuroImage</i> , 2010, 49, 2113-2122.	2.1	59
752	A comparison of permutation and parametric testing for between group effective connectivity differences using DCM. <i>NeuroImage</i> , 2010, 50, 509-515.	2.1	12
753	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
754	Functional connectivity: Shrinkage estimation and randomization test. <i>NeuroImage</i> , 2010, 49, 3005-3014.	2.1	68
755	Hierarchical control of false discovery rate for phase locking measures of EEG synchrony. <i>NeuroImage</i> , 2010, 50, 40-47.	2.1	20
756	Unattended emotional faces elicit early lateralized amygdala- and fusiform activations. <i>NeuroImage</i> , 2010, 50, 727-733.	2.1	108
757	Loss of control during instrumental learning: A source localization study. <i>NeuroImage</i> , 2010, 50, 717-726.	2.1	18
758	Automated 3D mapping of baseline and 12-month associations between three verbal memory measures and hippocampal atrophy in 490 ADNI subjects. <i>NeuroImage</i> , 2010, 51, 488-499.	2.1	78
759	EEG evidence of face-specific visual self-representation. <i>NeuroImage</i> , 2010, 50, 1666-1675.	2.1	70
760	Whole genome association study of brain-wide imaging phenotypes for identifying quantitative trait loci in MCI and AD: A study of the ADNI cohort. <i>NeuroImage</i> , 2010, 53, 1051-1063.	2.1	340
761	Tonotopic organization of human auditory cortex. <i>NeuroImage</i> , 2010, 50, 1202-1211.	2.1	251
762	Basal Ganglia Shapes Predict Social, Communication, and Motor Dysfunctions in Boys With Autism Spectrum Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2010, 49, 539-551.e4.	0.3	103
764	Exercise, music, and the brain: Is there a central pattern generator?. <i>Journal of Sports Sciences</i> , 2010, 28, 1337-1343.	1.0	43
765	Statistically assisted fluid image registration algorithm - SAFIRA. , 2010, 2010, 364-367.		0

#	ARTICLE	IF	CITATIONS
766	A genetic analysis of cortical thickness in 372 twins. , 2010, 2010, 101-104.		1
767	Haptic gait retraining: Evaluating learning environments for haptic motion training. , 2010, , .		2
768	Robustness and sensitivity of hotelling's T2-based permutation tests for selection of 3D morphological markers. , 2010, , .		0
769	Testing for Information with Brain Decoding. , 2011, , .		3
770	Testing the dorsal stream attention hypothesis: Electrophysiological correlates and the effects of ventral stream damage. Visual Cognition, 2011, 19, 1089-1121.	0.9	13
771	Falta de integridad de la sustancia blanca en la depresi3n bipolar como posible marcador estructural de la enfermedad. Psiquiatria Biologica, 2011, 18, 79-88.	0.0	0
772	From Language Comprehension to Action Understanding and Back Again. Cerebral Cortex, 2011, 21, 1166-1177.	1.6	48
773	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
774	Disruption of White Matter Integrity in Bipolar Depression as a Possible Structural Marker of Illness. Biological Psychiatry, 2011, 69, 309-317.	0.7	207
775	Disrupted Axonal Fiber Connectivity in Schizophrenia. Biological Psychiatry, 2011, 69, 80-89.	0.7	404
776	The 5-HT2A/1A Agonist Psilocybin Disrupts Modal Object Completion Associated with Visual Hallucinations. Biological Psychiatry, 2011, 69, 399-406.	0.7	54
777	General and Specific Functional Connectivity Disturbances in First-Episode Schizophrenia During Cognitive Control Performance. Biological Psychiatry, 2011, 70, 64-72.	0.7	255
778	Clinical Symptoms and Alpha Band Resting-State Functional Connectivity Imaging in Patients With Schizophrenia: Implications for Novel Approaches to Treatment. Biological Psychiatry, 2011, 70, 1134-1142.	0.7	134
779	Prefrontal Transcranial Direct Current Stimulation Changes Connectivity of Resting-State Networks during fMRI. Journal of Neuroscience, 2011, 31, 15284-15293.	1.7	501
780	Cracking the Code of Oscillatory Activity. PLoS Biology, 2011, 9, e1001064.	2.6	126
781	A nonparametric Riemannian framework for processing high angular resolution diffusion images and its applications to ODF-based morphometry. NeuroImage, 2011, 56, 1181-1201.	2.1	44
782	Impact of EEG-vigilance on brain glucose uptake measured with [18F]FDG and PET in patients with depressive episode or mild cognitive impairment. NeuroImage, 2011, 56, 93-101.	2.1	49
783	Pattern-information analysis: From stimulus decoding to computational-model testing. NeuroImage, 2011, 56, 411-421.	2.1	179

#	ARTICLE	IF	CITATIONS
784	The relationships between extent and microstructural properties of the midsagittal corpus callosum in human brain. <i>NeuroImage</i> , 2011, 56, 174-184.	2.1	8
785	Extracting information from functional connectivity maps via function-on-scalar regression. <i>NeuroImage</i> , 2011, 56, 140-148.	2.1	5
786	A topographic latent source model for fMRI data. <i>NeuroImage</i> , 2011, 57, 89-100.	2.1	29
787	Biological parametric mapping with robust and non-parametric statistics. <i>NeuroImage</i> , 2011, 57, 423-430.	2.1	40
788	Effect of head size on diffusion tensor imaging. <i>NeuroImage</i> , 2011, 57, 958-967.	2.1	45
789	Cognition-induced modulation of serotonin in the orbitofrontal cortex: A controlled cross-over PET study of a delayed match-to-sample task using the 5-HT <sub>2a</sub> receptor antagonist [ <sup>18</sup> F]altanserin. <i>NeuroImage</i> , 2011, 58, 905-911.	2.1	12
790	The effect of hypercapnia on resting and stimulus induced MEG signals. <i>NeuroImage</i> , 2011, 58, 1034-1043.	2.1	57
791	Effect of Met66 allele of the BDNF rs6265 SNP on regional gray matter volumes in patients with multiple sclerosis: A voxel-based morphometry study. <i>Pathophysiology</i> , 2011, 18, 53-60.	1.0	24
792	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
793	Fiber geometry in the corpus callosum in schizophrenia: Evidence for transcallosal misconnection. <i>Schizophrenia Research</i> , 2011, 132, 69-74.	1.1	21
794	Imputation techniques for the detection of microstructural changes in schizophrenia, with an application to magnetization transfer imaging. <i>Schizophrenia Research</i> , 2011, 132, 91-96.	1.1	5
795	ICA-based muscle artefact correction of EEG data: What is muscle and what is brain?. <i>NeuroImage</i> , 2011, 54, 1-3.	2.1	67
796	Information mapping with pattern classifiers: A comparative study. <i>NeuroImage</i> , 2011, 56, 476-496.	2.1	126
797	Sex-linked white matter microstructure of the social and analytic brain. <i>NeuroImage</i> , 2011, 54, 725-733.	2.1	62
798	Cortical surface-based searchlight decoding. <i>NeuroImage</i> , 2011, 56, 582-592.	2.1	71
799	Anatomical differences and network characteristics underlying smoking cue reactivity. <i>NeuroImage</i> , 2011, 54, 131-141.	2.1	84
800	Non-parametric statistical thresholding of baseline free MEG beamformer images. <i>NeuroImage</i> , 2011, 54, 906-918.	2.1	11
801	Factors underlying prefrontal and insula structural alterations in smokers. <i>NeuroImage</i> , 2011, 54, 42-48.	2.1	168

#	ARTICLE	IF	CITATIONS
802	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
803	Process-specific prefrontal contributions to episodic encoding and retrieval of tastes: A functional NIRS study. <i>NeuroImage</i> , 2011, 54, 1578-1588.	2.1	43
804	Effects of physiological noise in population analysis of diffusion tensor MRI data. <i>NeuroImage</i> , 2011, 54, 1168-1177.	2.1	54
805	Frontal phasic and oscillatory generators of the N30 somatosensory evoked potential. <i>NeuroImage</i> , 2011, 54, 1297-1306.	2.1	65
806	Time-to-event voxel-based techniques to assess regional atrophy associated with MCI risk of progression to AD. <i>NeuroImage</i> , 2011, 54, 985-991.	2.1	25
807	Effect of scanner in asymmetry studies using diffusion tensor imaging. <i>NeuroImage</i> , 2011, 54, 1053-1062.	2.1	30
808	Age- and gender-related changes in the normal human brain using hybrid diffusion imaging (HYDI). <i>NeuroImage</i> , 2011, 54, 1840-1853.	2.1	114
809	Adjusting the effect of nonstationarity in cluster-based and TFCE inference. <i>NeuroImage</i> , 2011, 54, 2006-2019.	2.1	123
810	Functional asymmetries in the representation of noise-vocoded speech. <i>NeuroImage</i> , 2011, 54, 2364-2373.	2.1	9
811	Impact of transient emotions on functional connectivity during subsequent resting state: A wavelet correlation approach. <i>NeuroImage</i> , 2011, 54, 2481-2491.	2.1	124
812	Imaging the deep cerebellar nuclei: A probabilistic atlas and normalization procedure. <i>NeuroImage</i> , 2011, 54, 1786-1794.	2.1	319
813	Young adults born preterm with very low birth weight demonstrate widespread white matter alterations on brain DTI. <i>NeuroImage</i> , 2011, 54, 1774-1785.	2.1	178
814	Effects of large-scale nonstationarity on parametric maps. A study of rest perfusion CASL data. <i>NeuroImage</i> , 2011, 54, 2066-2078.	2.1	2
815	Changes in brain network activity during working memory tasks: A magnetoencephalography study. <i>NeuroImage</i> , 2011, 55, 1804-1815.	2.1	138
816	Speech-induced suppression of evoked auditory fields in children who stutter. <i>NeuroImage</i> , 2011, 54, 2994-3003.	2.1	76
817	Men and women are different: Diffusion tensor imaging reveals sexual dimorphism in the microstructure of the thalamus, corpus callosum and cingulum. <i>NeuroImage</i> , 2011, 54, 2557-2562.	2.1	206
818	Distinct oscillatory STN-cortical loops revealed by simultaneous MEG and local field potential recordings in patients with Parkinson's disease. <i>NeuroImage</i> , 2011, 55, 1159-1168.	2.1	199
819	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

#	ARTICLE	IF	CITATIONS
820	MEG/EEG Source Reconstruction, Statistical Evaluation, and Visualization with NUTMEG. Computational Intelligence and Neuroscience, 2011, 2011, 1-17.	1.1	104
821	Cerebral Network Disruption as a Possible Mechanism for Impaired Recovery after Acute Pontine Stroke. Cerebrovascular Diseases, 2011, 31, 499-505.	0.8	13
822	White matter damage and cognitive impairment after traumatic brain injury. Brain, 2011, 134, 449-463.	3.7	541
823	Gray and white matter alterations in spinocerebellar ataxia type 7: An in vivo DTI and VBM study. NeuroImage, 2011, 55, 1-7.	2.1	73
824	Subthalamic nucleus stimulation reverses mediofrontal influence over decision threshold. Nature Neuroscience, 2011, 14, 1462-1467.	7.1	528
825	Genetic Influences on Cost-Efficient Organization of Human Cortical Functional Networks. Journal of Neuroscience, 2011, 31, 3261-3270.	1.7	273
826	Stress Potentiates Early and Attenuates Late Stages of Visual Processing. Journal of Neuroscience, 2011, 31, 1156-1161.	1.7	148
828	Prefrontal-Occipitoparietal Coupling Underlies Late Latency Human Neuronal Responses to Emotion. Journal of Neuroscience, 2011, 31, 17278-17286.	1.7	101
829	Brain activity during processing objects and pseudo-objects: Comparison between adult regular and dyslexic readers. Clinical Neurophysiology, 2011, 122, 284-298.	0.7	14
830	The difference between uni- and bilateral auditory phantom percept. Clinical Neurophysiology, 2011, 122, 578-587.	0.7	97
831	Increased biomagnetic activity in healthy elderly with subjective memory complaints. Clinical Neurophysiology, 2011, 122, 499-505.	0.7	31
832	Attention cortical responses to enlarged faces are reduced in underweight subjects: An electroencephalographic study. Clinical Neurophysiology, 2011, 122, 1348-1359.	0.7	13
833	A postsleep decline in auditory evoked potential amplitude reflects sleep homeostasis. Clinical Neurophysiology, 2011, 122, 1549-1555.	0.7	18
834	Differences in quantitative EEG between frontotemporal dementia and Alzheimer's disease as revealed by LORETA. Clinical Neurophysiology, 2011, 122, 1718-1725.	0.7	69
835	Reduced movement-related beta desynchronisation in juvenile myoclonic epilepsy: A MEG study of task specific cortical modulation. Clinical Neurophysiology, 2011, 122, 2128-2138.	0.7	17
836	Electrophysiological traces of visuomotor learning and their renormalization after sleep. Clinical Neurophysiology, 2011, 122, 2418-2425.	0.7	28
837	Dis-regulation of response inhibition in adult Attention Deficit Hyperactivity Disorder (ADHD): An ERP study. Clinical Neurophysiology, 2011, 122, 2390-2399.	0.7	68
838	Accuracy, reliability, validity and limitations of functional and structural magnetic resonance imaging data. Cortex, 2011, 47, 1266-1269.	1.1	5

#	ARTICLE	IF	CITATIONS
839	Age effects on retroactive interference during working memory maintenance. <i>Biological Psychology</i> , 2011, 88, 72-82.	1.1	24
840	Altered prefrontal and insular cortical thickness in adolescent marijuana users. <i>Behavioural Brain Research</i> , 2011, 220, 164-172.	1.2	173
841	Long-range synchrony of gamma oscillations and auditory hallucination symptoms in schizophrenia. <i>International Journal of Psychophysiology</i> , 2011, 79, 55-63.	0.5	149
842	An MEG investigation of the neural mechanisms subserving complex visuomotor coordination. <i>International Journal of Psychophysiology</i> , 2011, 79, 296-304.	0.5	6
843	Frontal-parietal responses to "oddball" stimuli depicting "fattened" faces are increased in successful dieters: An electroencephalographic study. <i>International Journal of Psychophysiology</i> , 2011, 82, 153-166.	0.5	6
844	Neural correlates of visuo-spatial working memory encoding. An EEG study. <i>Neuroscience Letters</i> , 2011, 500, 118-122.	1.0	8
845	Cross-Frequency Power Correlations Reveal the Right Superior Temporal Gyrus as a Hub Region During Working Memory Maintenance. <i>Brain Connectivity</i> , 2011, 1, 460-472.	0.8	40
846	Brain atrophy associated with baseline and longitudinal measures of cognition. <i>Neurobiology of Aging</i> , 2011, 32, 572-580.	1.5	124
847	Oscillatory Synchronization in Large-Scale Cortical Networks Predicts Perception. <i>Neuron</i> , 2011, 69, 387-396.	3.8	536
848	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
849	Contralateral parahippocampal gamma-band activity determines noise-like tinnitus laterality: a region of interest analysis. <i>Neuroscience</i> , 2011, 199, 481-490.	1.1	82
850	Binding under Conflict Conditions: State-Space Analysis of Multivariate EEG Synchronization. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 2363-2375.	1.1	7
851	Altered motor network activation and functional connectivity in adult tourette's syndrome. <i>Human Brain Mapping</i> , 2011, 32, 2014-2026.	1.9	26
852	Spatial Nonparametric Mixed-Effects Model with Spatial-Varying Coefficients for Analysis of Populations. <i>Lecture Notes in Computer Science</i> , 2011, , 142-150.	1.0	4
853	Pinealoblastoma and Pineal Cysts among Patients with Intraocular Retinoblastoma Treated with Chemotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 81, S297-S298.	0.4	0
854	Stereotactic Radiosurgery to the Resection Cavity of Brain Metastases. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 81, S298-S299.	0.4	0
855	A Voxel-based Morphometric Analysis of Cerebral Gray Matter in Subcortical Ischemic Vascular Dementia Patients and Normal Aged Controls. <i>International Journal of Medical Sciences</i> , 2011, 8, 482-486.	1.1	20
856	Basic emotions: Differences in time sequence and functional imaging with low resolution brain electrical tomography (LORETA). <i>Nature Precedings</i> , 2011, , .	0.1	9



#	ARTICLE	IF	CITATIONS
858	A contextual analysis method for multi-subject fMRI data. , 2011, , .		0
859	Volumetric Differences in Mapped Hippocampal Regions Correlate with Increase of High Alpha Rhythm in Alzheimer's Disease. International Journal of Alzheimer's Disease, 2011, 2011, 1-7.	1.1	30
860	Motor Response Selection in Overt Sentence Production: A Functional MRI Study. Frontiers in Psychology, 2011, 2, 253.	1.1	40
861	Statistical Analysis of fMRI Time-Series: A Critical Review of the GLM Approach. Frontiers in Human Neuroscience, 2011, 5, 28.	1.0	248
862	Human Scalp Electroencephalography Reveals that Repetition Suppression Varies with Expectation. Frontiers in Human Neuroscience, 2011, 5, 67.	1.0	113
863	Group-ICA Model Order Highlights Patterns of Functional Brain Connectivity. Frontiers in Systems Neuroscience, 2011, 5, 37.	1.2	113
864	Temporal Evolution of Oscillatory Activity Predicts Performance in a Choice-Reaction Time Reaching Task. Journal of Neurophysiology, 2011, 105, 18-27.	0.9	82
865	Brain Morphological Signatures for Chronic Pain. PLoS ONE, 2011, 6, e26010.	1.1	306
866	Assessing the Influence of Different ROI Selection Strategies on Functional Connectivity Analyses of fMRI Data Acquired During Steady-State Conditions. PLoS ONE, 2011, 6, e14788.	1.1	61
867	Cortical Processing of Swallowing in ALS Patients with Progressive Dysphagia â€“ A Magnetoencephalographic Study. PLoS ONE, 2011, 6, e19987.	1.1	41
868	Multiple Indices of Diffusion Identifies White Matter Damage in Mild Cognitive Impairment and Alzheimerâ€™s Disease. PLoS ONE, 2011, 6, e21745.	1.1	108
869	The Distressed Brain: A Group Blind Source Separation Analysis on Tinnitus. PLoS ONE, 2011, 6, e24273.	1.1	126
870	Memory in the Neonate Brain. PLoS ONE, 2011, 6, e27497.	1.1	38
871	Propofol Anesthesia and Sleep: A High-Density EEG Study. Sleep, 2011, 34, 283-291.	0.6	326
872	T2 lesion location really matters: a 10 year follow-up study in primary progressive multiple sclerosis. Journal of Neurology, Neurosurgery and Psychiatry, 2011, 82, 72-77.	0.9	53
873	The contribution of genes to cortical thickness and volume. NeuroReport, 2011, 22, 101-105.	0.6	84
874	Brain Activity Patterns in Stable and Progressive Mild Cognitive Impairment During Working Memory as Evidenced by Magnetoencephalography. Journal of Clinical Neurophysiology, 2011, 28, 202-209.	0.9	20
875	Regional brain activation/deactivation during word generation in schizophrenia: fMRI study. British Journal of Psychiatry, 2011, 198, 213-222.	1.7	22

#	ARTICLE	IF	CITATIONS
876	Introductory concepts. , 2011, , 21-42.		0
877	The co-occurrence of multisensory facilitation and cross-modal conflict in the human brain. <i>Journal of Neurophysiology</i> , 2011, 106, 2896-2909.	0.9	61
879	Apolipoprotein E Genotype is Associated with Temporal and Hippocampal Atrophy Rates in Healthy Elderly Adults: A Tensor-Based Morphometry Study <sup>1</sup> . <i>Journal of Alzheimer's Disease</i> , 2011, 23, 433-442.	1.2	65
880	Feature integration in visual working memory: parietal gamma activity is related to cognitive coordination. <i>Journal of Neurophysiology</i> , 2011, 106, 3185-3194.	0.9	30
881	Preparation and performance of obstacle steps: interaction between brain and spinal neuronal activity. <i>European Journal of Neuroscience</i> , 2011, 33, 338-348.	1.2	52
882	Primary and secondary somatosensory cortex responses to anticipation and pain: a magnetoencephalography study. <i>European Journal of Neuroscience</i> , 2011, 33, 946-959.	1.2	29
883	Alpha band oscillations correlate with illusory self-location induced by virtual reality. <i>European Journal of Neuroscience</i> , 2011, 33, 1935-1943.	1.2	69
884	Bifrontal transcranial direct current stimulation modulates tinnitus intensity and tinnitus-distress-related brain activity. <i>European Journal of Neuroscience</i> , 2011, 34, 605-614.	1.2	101
885	The neural network of phantom sound changes over time: a comparison between recent-onset and chronic tinnitus patients. <i>European Journal of Neuroscience</i> , 2011, 34, 718-731.	1.2	158
886	Functional connectivity in slow-wave sleep: identification of synchronous cortical activity during wakefulness and sleep using time series analysis of electroencephalographic data. <i>Journal of Sleep Research</i> , 2011, 20, 496-505.	1.7	15
887	What do fully visible primes and brain potentials reveal about morphological decomposition?. <i>Psychophysiology</i> , 2011, 48, 676-686.	1.2	41
888	Bilateral hippocampal atrophy in temporal lobe epilepsy: Effect of depressive symptoms and febrile seizures. <i>Epilepsia</i> , 2011, 52, 689-697.	2.6	39
889	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
890	Structural Brain Changes in Patients with Recurrent Major Depressive Disorder Presenting with Anxiety Symptoms. , 2011, 21, 375-382.		44
891	Pseudocontinuous Arterial Spin Labeling Reveals Dissociable Effects of Morphine and Alcohol on Regional Cerebral Blood Flow. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011, 31, 1321-1333.	2.4	39
892	An expectation-based memory deficit in aging. <i>Neuropsychologia</i> , 2011, 49, 1466-1475.	0.7	52
893	Age-related occipito-temporal hypoactivation during visual search: Relationships between mN2pc sources and performance. <i>Neuropsychologia</i> , 2011, 49, 858-865.	0.7	14
894	The temporal and spatial features of segmental and suprasegmental encoding during implicit picture naming: An event-related potential study. <i>Neuropsychologia</i> , 2011, 49, 3813-3825.	0.7	12

#	ARTICLE	IF	CITATIONS
895	Diffusion tensor imaging and tract-based spatial statistics in obsessive-compulsive disorder. <i>Journal of Psychiatric Research</i> , 2011, 45, 687-690.	1.5	78
896	Temporal changes in cortical activation during conditioned pain modulation (CPM), a LORETA study. <i>Pain</i> , 2011, 152, 1469-1477.	2.0	95
897	fMRI working memory hypo-activations in schizophrenia come with a coupling deficit between arousal and cognition. <i>Psychiatry Research - Neuroimaging</i> , 2011, 194, 21-29.	0.9	6
898	Extensive abnormality of brain white matter integrity in pathological gambling. <i>Psychiatry Research - Neuroimaging</i> , 2011, 194, 340-346.	0.9	111
899	Analysis of fMRI Data Using an Integrated Principal Component Analysis and Supervised Affinity Propagation Clustering Approach. <i>IEEE Transactions on Biomedical Engineering</i> , 2011, 58, 3184-3196.	2.5	36
900	A Nonconservative Lagrangian Framework for Statistical Fluid Registration—SAFIRA. <i>IEEE Transactions on Medical Imaging</i> , 2011, 30, 184-202.	5.4	17
901	ODVBA: Optimally-Discriminative Voxel-Based Analysis. <i>IEEE Transactions on Medical Imaging</i> , 2011, 30, 1441-1454.	5.4	30
902	Domain architecture conservation in orthologs. <i>BMC Bioinformatics</i> , 2011, 12, 326.	1.2	54
903	A Head View-Invariant Representation of Gaze Direction in Anterior Superior Temporal Sulcus. <i>Current Biology</i> , 2011, 21, 1817-1821.	1.8	103
904	Hippocampal-Prefrontal Connectivity Predicts Midfrontal Oscillations and Long-Term Memory Performance. <i>Current Biology</i> , 2011, 21, 1900-1905.	1.8	78
905	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
906	EEG correlates of postural audio-biofeedback. <i>Human Movement Science</i> , 2011, 30, 249-261.	0.6	15
907	Conduction aphasia, sensory-motor integration, and phonological short-term memory — An aggregate analysis of lesion and fMRI data. <i>Brain and Language</i> , 2011, 119, 119-128.	0.8	261
908	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
909	Person identification through faces and voices: An ERP study. <i>Brain Research</i> , 2011, 1407, 13-26.	1.1	21
910	Magnetoencephalographic signatures of visual form and motion binding. <i>Brain Research</i> , 2011, 1408, 27-40.	1.1	37
911	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
912	Induced and evoked neural correlates of orientation selectivity in human visual cortex. <i>NeuroImage</i> , 2011, 54, 2983-2993.	2.1	46

#	ARTICLE	IF	CITATIONS
913	An iterative two-threshold analysis for single-subject functional MRI of the human brain. <i>European Radiology</i> , 2011, 21, 2369-2387.	2.3	5
914	Rostral anterior cingulate activity generates posterior versus anterior theta activity linked to agentic extraversion. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2011, 11, 172-185.	1.0	17
915	Early effects of emotion on word immediate repetition priming: Electrophysiological and source localization evidence. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2011, 11, 652-665.	1.0	10
916	Testing overall and moderator effects in random effects meta-regression. <i>British Journal of Mathematical and Statistical Psychology</i> , 2011, 64, 1-19.	1.0	77
917	Does Greater Low Frequency EEG Activity in Normal Immaturity and in Children with Epilepsy Arise in the Same Neuronal Network?. <i>Brain Topography</i> , 2011, 24, 78-89.	0.8	11
918	3D global and regional patterns of human fetal subplate growth determined in utero. <i>Brain Structure and Function</i> , 2011, 215, 255-263.	1.2	61
919	Loss of callosal fibre integrity in healthy elderly with age-related white matter changes. <i>Journal of Neurology</i> , 2011, 258, 1451-1459.	1.8	21
920	DTI-MR tractography of white matter damage in stroke patients with neglect. <i>Experimental Brain Research</i> , 2011, 208, 491-505.	0.7	128
921	Different resting state brain activity and functional connectivity in patients who respond and not respond to bifrontal tDCS for tinnitus suppression. <i>Experimental Brain Research</i> , 2011, 210, 217-227.	0.7	73
922	Temporal dynamics of primary motor cortex gamma oscillation amplitude and piper corticomuscular coherence changes during motor control. <i>Experimental Brain Research</i> , 2011, 212, 623-633.	0.7	48
923	Axial diffusivity is increased in the degenerating superior cerebellar peduncles of Friedreich's ataxia. <i>Neuroradiology</i> , 2011, 53, 367-372.	1.1	96
924	Cortical thickness, gray matter volume, and white matter anisotropy and diffusivity in schizophrenia. <i>Neuroradiology</i> , 2011, 53, 859-866.	1.1	16
925	Diffusion Tensor Imaging in Huntington's disease reveals distinct patterns of white matter degeneration associated with motor and cognitive deficits. <i>Brain Imaging and Behavior</i> , 2011, 5, 171-180.	1.1	84
926	Correlations between EEG and clinical outcome in chronic neuropathic pain: surgical effects and treatment resistance. <i>Brain Imaging and Behavior</i> , 2011, 5, 329-348.	1.1	24
927	Small average differences in attenuation corrected images between men and women in myocardial perfusion scintigraphy: a novel normal stress database. <i>BMC Medical Imaging</i> , 2011, 11, 18.	1.4	4
928	Diffusion tensor imaging differences relate to memory deficits in diffuse traumatic brain injury. <i>BMC Neurology</i> , 2011, 11, 24.	0.8	75
929	Cortical swallowing processing in early subacute stroke. <i>BMC Neurology</i> , 2011, 11, 34.	0.8	64
930	Characterizing global statistical significance of spatiotemporal hot spots in magnetoencephalography/ electroencephalography source space via excursion algorithms. <i>Statistics in Medicine</i> , 2011, 30, 2854-2866.	0.8	7

#	ARTICLE	IF	CITATIONS
931	Mapping developmental precentral and postcentral gyral changes in children on magnetic resonance images. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 33, 62-70.	1.9	4
932	Effect of scanner in longitudinal studies of brain volume changes. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 34, 438-444.	1.9	94
933	Automated structural imaging analysis detects premanifest Huntington's disease neurodegeneration within 1 year. <i>Movement Disorders</i> , 2011, 26, 1481-1488.	2.2	22
934	High-resolution diffusion tensor imaging of fixed brain in a mouse model of Pelizaeus-Merzbacher disease: comparison with quantitative measures of white matter pathology. <i>NMR in Biomedicine</i> , 2011, 24, 1369-1379.	1.6	33
935	Structural and functional bases for individual differences in motor learning. <i>Human Brain Mapping</i> , 2011, 32, 494-508.	1.9	136
936	Dissociable brain states linked to common and creative object use. <i>Human Brain Mapping</i> , 2011, 32, 665-675.	1.9	104
937	Cognitive impairment and EEG background activity in adults with Down's syndrome: A topographic study. <i>Human Brain Mapping</i> , 2011, 32, 716-729.	1.9	28
938	Diffusion tensor imaging of white matter involvement in essential tremor. <i>Human Brain Mapping</i> , 2011, 32, 896-904.	1.9	109
939	Altered default mode network connectivity in alzheimer's disease—A resting functional MRI and bayesian network study. <i>Human Brain Mapping</i> , 2011, 32, 1868-1881.	1.9	172
940	Temporal dynamics of reward processing revealed by magnetoencephalography. <i>Human Brain Mapping</i> , 2011, 32, 2228-2240.	1.9	61
941	Neuroimaging evidence of white matter inflammation in newly diagnosed systemic lupus erythematosus. <i>Arthritis and Rheumatism</i> , 2011, 63, 3048-3057.	6.7	55
942	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
943	Moderating registration misalignment in voxelwise comparisons of DTI data: a performance evaluation of skeleton projection. <i>Magnetic Resonance Imaging</i> , 2011, 29, 111-125.	1.0	83
944	A conditional Granger causality model approach for group analysis in functional magnetic resonance imaging. <i>Magnetic Resonance Imaging</i> , 2011, 29, 418-433.	1.0	33
945	Detection and mapping of delays in early cortical folding derived from in utero MRI. , 2011, , .		1
946	Impact of Methodologic Choice for Automatic Detection of Different Aspects of Brain Atrophy by Using Temporal Lobe Epilepsy as a Model. <i>American Journal of Neuroradiology</i> , 2011, 32, 1669-1676.	1.2	24
947	Perception and Action Selection Dissociate Human Ventral and Dorsal Cortex. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 1494-1506.	1.1	16
948	Integration of structural and functional magnetic resonance imaging in amyotrophic lateral sclerosis. <i>Brain</i> , 2011, 134, 3470-3479.	3.7	229

#	ARTICLE	IF	CITATIONS
949	Lesion probability mapping to explain clinical deficits and cognitive performance in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2011, 17, 681-689.	1.4	79
950	Loss of white matter integrity is associated with gait disorders in cerebral small vessel disease. <i>Brain</i> , 2011, 134, 73-83.	3.7	246
951	Local Tissue Growth Patterns Underlying Normal Fetal Human Brain Gyrfication Quantified In Utero. <i>Journal of Neuroscience</i> , 2011, 31, 2878-2887.	1.7	149
952	Diffusion Tensor Imaging Assessment of the Epileptogenic Zone in Children with Localization-Related Epilepsy. <i>American Journal of Neuroradiology</i> , 2011, 32, 1789-1794.	1.2	19
953	Diminished Top-Down Control Underlies a Visual Imagery Deficit in Normal Aging. <i>Journal of Neuroscience</i> , 2011, 31, 15768-15774.	1.7	35
954	Lifelong Bilingualism Maintains White Matter Integrity in Older Adults. <i>Journal of Neuroscience</i> , 2011, 31, 16808-16813.	1.7	319
955	Microstructure Abnormalities in Adolescents with Internet Addiction Disorder. <i>PLoS ONE</i> , 2011, 6, e20708.	1.1	290
956	Ragu: A Free Tool for the Analysis of EEG and MEG Event-Related Scalp Field Data Using Global Randomization Statistics. <i>Computational Intelligence and Neuroscience</i> , 2011, 2011, 1-14.	1.1	565
957	Selective Movement Preparation Is Subserved by Selective Increases in Corticomuscular Gamma-Band Coherence. <i>Journal of Neuroscience</i> , 2011, 31, 6750-6758.	1.7	93
958	EFFECTS OF WI-FI SIGNALS ON THE P300 COMPONENT OF EVENT-RELATED POTENTIALS DURING AN AUDITORY HAYLING TASK. <i>Journal of Integrative Neuroscience</i> , 2011, 10, 189-202.	0.8	23
959	White Matter Changes in OCD Revealed by Diffusion Tensor Imaging. <i>CNS Spectrums</i> , 2011, 16, 101-109.	0.7	29
960	Auditory Cortex Encodes the Perceptual Interpretation of Ambiguous Sound. <i>Journal of Neuroscience</i> , 2011, 31, 1715-1720.	1.7	110
961	Resting-State EEG Source Localization and Functional Connectivity in Schizophrenia-Like Psychosis of Epilepsy. <i>PLoS ONE</i> , 2011, 6, e27863.	1.1	161
962	Reduced White Matter Integrity Is Related to Cognitive Instability. <i>Journal of Neuroscience</i> , 2011, 31, 18060-18072.	1.7	113
963	Linking an Anxiety-Related Personality Trait to Brain White Matter Microstructure. <i>Archives of General Psychiatry</i> , 2011, 68, 369.	13.8	113
964	Advances in Cognitive Neurodynamics (II)., 2011, , .		2
965	Upper and extra-motoneuron involvement in early motoneuron disease: a diffusion tensor imaging study. <i>Brain</i> , 2011, 134, 1211-1228.	3.7	135
966	Clinical significance of the pallidoreticular pathway in patients with carbon monoxide intoxication. <i>Brain</i> , 2011, 134, 3632-3646.	3.7	40

#	ARTICLE	IF	CITATIONS
967	Motor pathway injury in patients with periventricular leucomalacia and spastic diplegia. <i>Brain</i> , 2011, 134, 1199-1210.	3.7	113
968	Electrophysiological correlates of behavioural changes in vigilance in vegetative state and minimally conscious state. <i>Brain</i> , 2011, 134, 2222-2232.	3.7	128
969	White matter alterations differ in primary lateral sclerosis and amyotrophic lateral sclerosis. <i>Brain</i> , 2011, 134, 2642-2655.	3.7	108
970	White matter alterations in temporal lobe epilepsy. <i>Proceedings of SPIE</i> , 2011, , .	0.8	1
971	Increased Hippocampal Default Mode Synchronization during Rest in Middle-Aged and Elderly APOE $\epsilon$ 4 Carriers: Relationships with Memory Performance. <i>Journal of Neuroscience</i> , 2011, 31, 7775-7783.	1.7	166
972	Distances between Real-World Locations Are Represented in the Human Hippocampus. <i>Journal of Neuroscience</i> , 2011, 31, 1238-1245.	1.7	181
973	Feature-Specific Attentional Priority Signals in Human Cortex. <i>Journal of Neuroscience</i> , 2011, 31, 4484-4495.	1.7	98
974	Modulation of Gamma and Theta Spectral Amplitude and Phase Synchronization Is Associated with the Development of Visuo-Motor Learning. <i>Journal of Neuroscience</i> , 2011, 31, 14810-14819.	1.7	90
975	Neural Correlates of an Injury-Free Model of Central Sensitization Induced by Opioid Withdrawal in Humans. <i>Journal of Neuroscience</i> , 2011, 31, 2835-2842.	1.7	30
976	Automatically Extracting Typical Syntactic Differences from Corpora. <i>Literary and Linguistic Computing</i> , 2011, 26, 107-124.	0.6	11
977	Language processing in the occipital cortex of congenitally blind adults. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 4429-4434.	3.3	337
978	Surface-based method to evaluate global brain shape asymmetries in human and chimpanzee brains. , 2011, , .		3
979	Focal structural changes and cognitive dysfunction in juvenile myoclonic epilepsy. <i>Neurology</i> , 2011, 76, 34-40.	1.5	157
980	GSM Mobile Phone Radiation Suppresses Brain Glucose Metabolism. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011, 31, 2293-2301.	2.4	33
981	Fast Random Permutation Tests Enable Objective Evaluation of Methods for Single-Subject fMRI Analysis. <i>International Journal of Biomedical Imaging</i> , 2011, 2011, 1-15.	3.0	26
982	Neural correlates of evidence accumulation in a perceptual decision task. <i>Journal of Neurophysiology</i> , 2011, 106, 2383-2398.	0.9	106
983	Altered Functional and Anatomical Connectivity in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2011, 37, 640-650.	2.3	326
984	Attentional Modulation of Neuromagnetic Evoked Responses in Early Human Visual Cortex and Parietal Lobe following a Rank-Order Rule. <i>Journal of Neuroscience</i> , 2011, 31, 17622-17636.	1.7	5

#	ARTICLE	IF	CITATIONS
985	White matter microstructure in patients with obsessive-compulsive disorder. <i>Journal of Psychiatry and Neuroscience</i> , 2011, 36, 42-46.	1.4	64
986	Brain Cortical Activity Is Influenced by Exercise Mode and Intensity. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 1863-1872.	0.2	92
987	A Comprehensive Study of Whole-Brain Functional Connectivity in Children and Young Adults. <i>Cerebral Cortex</i> , 2011, 21, 385-391.	1.6	143
988	White Matter Damage in Alzheimer Disease and Its Relationship to Gray Matter Atrophy. <i>Radiology</i> , 2011, 258, 853-863.	3.6	263
989	Neural basis of music knowledge: evidence from the dementias. <i>Brain</i> , 2011, 134, 2523-2534.	3.7	96
990	Spatiotemporal Volumetric Analysis of Dynamic Plantar Pressure Data. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 1582-1589.	0.2	6
991	Effects of Age and Gender on White Matter Integrity. <i>American Journal of Neuroradiology</i> , 2011, 32, 2103-2109.	1.2	170
992	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
993	The Brain Structural Hub of Interhemispheric Information Integration for Visual Motion Perception. <i>Cerebral Cortex</i> , 2012, 22, 337-344.	1.6	20
994	Neural saccadic response estimation during natural viewing. <i>Journal of Neurophysiology</i> , 2012, 107, 1776-1790.	0.9	70
995	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
996	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
997	Multivoxel Pattern Analysis for fMRI Data: A Review. <i>Computational and Mathematical Methods in Medicine</i> , 2012, 2012, 1-14.	0.7	147
998	Direction-Sensitive Codes for Observed Head Turns in Human Superior Temporal Sulcus. <i>Cerebral Cortex</i> , 2012, 22, 735-744.	1.6	31
999	Human brain cortical correlates of short-latency afferent inhibition: a combined EEG-TMS study. <i>Journal of Neurophysiology</i> , 2012, 108, 314-323.	0.9	80
1000	High Density Electroencephalography in Sleep Research: Potential, Problems, Future Perspective. <i>Frontiers in Neurology</i> , 2012, 3, 77.	1.1	45
1001	White matter integrity is associated with cognitive processing in patients treated for a posterior fossa brain tumor. <i>Neuro-Oncology</i> , 2012, 14, 1185-1193.	0.6	74
1002	Intrinsic Organization of the Anesthetized Brain. <i>Journal of Neuroscience</i> , 2012, 32, 10183-10191.	1.7	161



#	ARTICLE	IF	CITATIONS
1003	Effects of Glutamine on Brain Development in Very Preterm Children at School Age. <i>Pediatrics</i> , 2012, 130, e1121-e1127.	1.0	28
1004	Relating Brain Damage to Brain Plasticity in Patients With Multiple Sclerosis. <i>Neurorehabilitation and Neural Repair</i> , 2012, 26, 581-593.	1.4	61
1005	Age-Related Effects in Working Memory Recognition Modulated by Retroactive Interference. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2012, 67A, 565-572.	1.7	26
1006	Visual Field Progression in Glaucoma: Estimating the Overall Significance of Deterioration with Permutation Analyses of Pointwise Linear Regression (PoPLR). , 2012, 53, 6776.		70
1007	Significance analysis and statistical dissection of variably methylated regions. <i>Biostatistics</i> , 2012, 13, 166-178.	0.9	92
1008	White Matter Aberrations in Prepubertal Estrogen-Naive Girls with Monosomic Turner Syndrome. <i>Cerebral Cortex</i> , 2012, 22, 2761-2768.	1.6	28
1009	The Role of Corpus Callosum Development in Functional Connectivity and Cognitive Processing. <i>PLoS ONE</i> , 2012, 7, e39804.	1.1	142
1010	Multimodal MRI Analysis of the Corpus Callosum Reveals White Matter Differences in Presymptomatic and Early Huntington's Disease. <i>Cerebral Cortex</i> , 2012, 22, 2858-2866.	1.6	64
1011	Early Folding Patterns and Asymmetries of the Normal Human Brain Detected from in Utero MRI. <i>Cerebral Cortex</i> , 2012, 22, 13-25.	1.6	207
1012	Selective decreased grey matter volume of the pain-matrix network in cluster headache. <i>Cephalalgia</i> , 2012, 32, 109-115.	1.8	101
1013	Tract-Based Spatial Statistical Analysis of Diffusion Tensor Imaging in Pediatric Patients with Mitochondrial Disease: Widespread Reduction in Fractional Anisotropy of White Matter Tracts. <i>American Journal of Neuroradiology</i> , 2012, 33, 1726-1730.	1.2	10
1014	Newborn's brain activity signals the origin of word memories. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 17908-17913.	3.3	79
1015	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
1016	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
1017	A Computational Growth Model for Measuring Dynamic Cortical Development in the First Year of Life. <i>Cerebral Cortex</i> , 2012, 22, 2272-2284.	1.6	49
1018	White matter integrity related to functional working memory networks in traumatic brain injury. <i>Neurology</i> , 2012, 78, 852-860.	1.5	77
1019	Being born small for gestational age reduces white matter integrity in adulthood: a prospective cohort study. <i>Pediatric Research</i> , 2012, 72, 649-654.	1.1	41
1020	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

#	ARTICLE	IF	CITATIONS
1021	Cortical Thinning in Psychopathy. American Journal of Psychiatry, 2012, 169, 743-749.	4.0	129
1022	PET Evidence for a Role for Striatal Dopamine in the Attentional Blink: Functional Implications. Journal of Cognitive Neuroscience, 2012, 24, 1932-1940.	1.1	41
1024	Investigation of cross-frequency phase-amplitude coupling in visuomotor networks using magnetoencephalography. , 2012, 2012, 1550-3.		12
1026	Spatiotemporal Searchlight Representational Similarity Analysis in EMEG Source Space. , 2012, , .		31
1027	Neural Interactions at the Core of Phonological and Semantic Priming of Written Words. Cerebral Cortex, 2012, 22, 2305-2312.	1.6	32
1028	Identifying the Neural Correlates of Executive Functions in Early Cerebral Microangiopathy: A Combined VBM and DTI Study. Journal of Cerebral Blood Flow and Metabolism, 2012, 32, 1869-1878.	2.4	32
1029	Role of the Lateral Intraparietal Area in Modulation of the Strength of Sensory-Motor Transmission for Visually Guided Movements. Journal of Neuroscience, 2012, 32, 9745-9754.	1.7	9
1030	Learning of New Sound Categories Shapes Neural Response Patterns in Human Auditory Cortex. Journal of Neuroscience, 2012, 32, 13273-13280.	1.7	38
1031	Category-selective phase coding in the superior temporal sulcus. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 19438-19443.	3.3	40
1032	Stimulus Site and Modality Dependence of Functional Activity within the Human Spinal Cord. Journal of Neuroscience, 2012, 32, 6231-6239.	1.7	47
1033	Gender Modulates the APOE $\epsilon$ 4 Effect in Healthy Older Adults: Convergent Evidence from Functional Brain Connectivity and Spinal Fluid Tau Levels. Journal of Neuroscience, 2012, 32, 8254-8262.	1.7	222
1034	Switch-Related and General Preparation Processes in Task-Switching: Evidence from Multivariate Pattern Classification of EEG Data. Journal of Neuroscience, 2012, 32, 18253-18258.	1.7	35
1035	Electroconvulsive therapy reduces frontal cortical connectivity in severe depressive disorder. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 5464-5468.	3.3	199
1036	White Matter Structural Differences in Young Children With Type 1 Diabetes: A Diffusion Tensor Imaging Study. Diabetes Care, 2012, 35, 2167-2173.	4.3	56
1037	A Role for the Subthalamic Nucleus in Response Inhibition during Conflict. Journal of Neuroscience, 2012, 32, 13396-13401.	1.7	137
1038	Multiple Sclerosis: Effects of Cognitive Rehabilitation on Structural and Functional MR Imaging Measures—An Explorative Study. Radiology, 2012, 262, 932-940.	3.6	176
1039	Brain Structure and Function in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2012, 186, 240-245.	2.5	116
1040	Impact of DTI smoothing on the study of brain aging. , 2012, 2012, 94-7.		3

#	ARTICLE	IF	CITATIONS
1041	Advances in longitudinal MRI diagnostic tests. <i>Expert Opinion on Medical Diagnostics</i> , 2012, 6, 309-321.	1.6	5
1042	Magnetic Resonance Imaging in Late-Life Depression. <i>Archives of General Psychiatry</i> , 2012, 69, 680-9.	13.8	88
1043	Brain lesion location and clinical status 20 years after a diagnosis of clinically isolated syndrome suggestive of multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2012, 18, 322-328.	1.4	33
1044	Guidelines for the Recording and Evaluation of Pharmaco-EEG Data in Man: The International Pharmaco-EEG Society (IPEG). <i>Neuropsychobiology</i> , 2012, 66, 201-220.	0.9	132
1045	Effortful Listening: The Processing of Degraded Speech Depends Critically on Attention. <i>Journal of Neuroscience</i> , 2012, 32, 14010-14021.	1.7	313
1046	Spatiotemporal distribution of white matter lesions in relapsing and secondary progressive multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2012, 18, 1577-1584.	1.4	26
1047	Early gamma-band activity as a function of threat processing in the extrastriate visual cortex. <i>Cognitive Neuroscience</i> , 2012, 3, 62-68.	0.6	17
1048	Exploring the pattern and neural correlates of neuropsychological impairment in late-life depression. <i>Psychological Medicine</i> , 2012, 42, 1195-1202.	2.7	85
1049	Plasticity of prospective memory through a familiarization intervention in old adults. <i>Aging, Neuropsychology, and Cognition</i> , 2012, 19, 168-194.	0.7	4
1050	Baseline reward circuitry activity and trait reward responsiveness predict expression of opioid analgesia in healthy subjects. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 17705-17710.	3.3	110
1051	Social Reward Dependence and Brain White Matter Microstructure. <i>Cerebral Cortex</i> , 2012, 22, 2672-2679.	1.6	30
1052	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
1053	Impairments in Cognitive Function and Brain Connectivity in Severe Asymptomatic Carotid Stenosis. <i>Stroke</i> , 2012, 43, 2567-2573.	1.0	103
1054	Mapping Cortical Dynamics Using Simultaneous MEG/EEG and Anatomically-constrained Minimum-norm Estimates: an Auditory Attention Example. <i>Journal of Visualized Experiments</i> , 2012, , e4262.	0.2	14
1055	Alpha activity in the insula accompanies the urge to neutralize in sub-clinical obsessive-compulsive participants. <i>Journal of Behavioral Addictions</i> , 2012, 1, 96-105.	1.9	11
1056	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
1057	Galvanic stimulation of the vestibular periphery in guinea pigs during passive whole body rotation and self-generated head movement. <i>Journal of Neurophysiology</i> , 2012, 107, 2260-2270.	0.9	10
1058	Clinical Prediction of Fall Risk and White Matter Abnormalities. <i>Archives of Neurology</i> , 2012, 69, 733-8.	4.9	28

#	ARTICLE	IF	CITATIONS
1059	Experience-dependent plasticity in white matter microstructure: reasoning training alters structural connectivity. <i>Frontiers in Neuroanatomy</i> , 2012, 6, 32.	0.9	113
1060	Changes in cortical plasticity after mild traumatic brain injury. <i>Restorative Neurology and Neuroscience</i> , 2012, 30, 277-282.	0.4	31
1061	No inherent left and right side in human "mental number line": evidence from right brain damage. <i>Brain</i> , 2012, 135, 2492-2505.	3.7	68
1062	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
1063	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
1064	Microstructural white matter abnormality and frontal cognitive dysfunctions in juvenile myoclonic epilepsy. <i>Epilepsia</i> , 2012, 53, 1371-1378.	2.6	76
1065	Neuronal integration in visual cortex elevates face category tuning to conscious face perception. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 21504-21509.	3.3	65
1066	Multiple testing corrections, nonparametric methods, and random field theory. <i>NeuroImage</i> , 2012, 62, 811-815.	2.1	172
1067	White Matter Damage in Frontotemporal Lobar Degeneration Spectrum. <i>Cerebral Cortex</i> , 2012, 22, 2705-2714.	1.6	149
1068	Excessive Extracellular Volume Reveals a Neurodegenerative Pattern in Schizophrenia Onset. <i>Journal of Neuroscience</i> , 2012, 32, 17365-17372.	1.7	259
1069	Increased Cerebral Metabolism After 1 Year of Deep Brain Stimulation in Alzheimer Disease. <i>Archives of Neurology</i> , 2012, 69, 1141-8.	4.9	148
1070	The Relation between Perception and Brain Activity in Gaze-Evoked Tinnitus. <i>Journal of Neuroscience</i> , 2012, 32, 17528-17539.	1.7	29
1071	Reduced functional connectivity between cortical sources in five meditation traditions detected with lagged coherence using EEG tomography. <i>NeuroImage</i> , 2012, 60, 1574-1586.	2.1	134
1072	Patterns of white matter diffusivity abnormalities in Leber's hereditary optic neuropathy: a tract-based spatial statistics study. <i>Journal of Neurology</i> , 2012, 259, 1801-1807.	1.8	27
1073	Diffusion tensor imaging in hydrocephalus findings before and after shunt surgery. <i>Acta Neurochirurgica</i> , 2012, 154, 1699-1706.	0.9	54
1074	Efficiency at rest: Magnetoencephalographic resting-state connectivity and individual differences in verbal working memory. <i>International Journal of Psychophysiology</i> , 2012, 86, 160-167.	0.5	11
1075	Early orbitofrontal hyperactivation in obsessive-compulsive disorder. <i>Psychiatry Research - Neuroimaging</i> , 2012, 202, 257-263.	0.9	16
1076	Electrophysiological correlates of planning and monitoring in first episode schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2012, 203, 83-88.	0.9	7

#	ARTICLE	IF	CITATIONS
1077	Do Alzheimer-specific microstructural changes in mild cognitive impairment predict conversion?. Psychiatry Research - Neuroimaging, 2012, 203, 184-193.	0.9	35
1078	White matter abnormalities associated with disruptive behavior disorder in adolescents with and without attention-deficit/hyperactivity disorder. Psychiatry Research - Neuroimaging, 2012, 202, 245-251.	0.9	34
1079	White matter microstructural alterations in children with prenatal methamphetamine/polydrug exposure. Psychiatry Research - Neuroimaging, 2012, 204, 140-148.	0.9	36
1080	Fronto-limbic microstructure and structural connectivity in remission from major depression. Psychiatry Research - Neuroimaging, 2012, 204, 40-48.	0.9	41
1081	Neural correlates of object-based attentional selection in human cortex. Neuropsychologia, 2012, 50, 2916-2925.	0.7	24
1082	Functional Magnetic Resonance Imaging Phase Synchronization as a Measure of Dynamic Functional Connectivity. Brain Connectivity, 2012, 2, 91-101.	0.8	282
1083	Event-Related Potentials Elicited By Face Identity Processing In Elderly Adults With Cognitive Impairment. Experimental Aging Research, 2012, 38, 220-245.	0.6	24
1084	Localized Glaucomatous Change Detection within the Proper Orthogonal Decomposition Framework. , 2012, 53, 3615.		11
1085	Pupil dilation deconvolution reveals the dynamics of attention at high temporal resolution. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 8456-8460.	3.3	256
1086	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
1087	Effects of CPAP-Therapy on Brain Electrical Activity in Obstructive Sleep Apneic Patients: A Combined EEG Study Using LORETA and Omega Complexity. Brain Topography, 2012, 25, 450-460.	0.8	9
1088	Counteracting tinnitus by acoustic coordinated reset neuromodulation. Restorative Neurology and Neuroscience, 2012, 30, 137-159.	0.4	188
1089	White matter fractional anisotropy predicts balance performance in older adults. Neurobiology of Aging, 2012, 33, 1900-1912.	1.5	52
1090	Functional connectivity tracks clinical deterioration in Alzheimer's disease. Neurobiology of Aging, 2012, 33, 828.e19-828.e30.	1.5	424
1091	Resting-state fMRI changes in Alzheimer's disease and mild cognitive impairment. Neurobiology of Aging, 2012, 33, 2018-2028.	1.5	337
1092	Quantitative EEG and LORETA: valuable tools in discerning FTD from AD?. Neurobiology of Aging, 2012, 33, 2343-2356.	1.5	52
1093	Diffusion tensor MRI contributes to differentiate Richardson's syndrome from PSP-parkinsonism. Neurobiology of Aging, 2012, 33, 2817-2826.	1.5	48
1094	Age differences in the frontoparietal cognitive control network: Implications for distractibility. Neuropsychologia, 2012, 50, 2212-2223.	0.7	188

#	ARTICLE	IF	CITATIONS
1095	Structural hemispheric asymmetries in the human precentral gyrus hand representation. <i>Neuroscience</i> , 2012, 210, 211-221.	1.1	28
1096	Neural Tract Development of Infants Born to Methadone-Maintained Mothers. <i>Pediatric Neurology</i> , 2012, 47, 1-6.	1.0	91
1097	Increased white matter integrity in the corpus callosum in subjects with high genetic loading for schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2012, 37, 50-55.	2.5	14
1098	Unintentional Temporal Context-Based Prediction of Emotional Faces: An Electrophysiological Study. <i>Cerebral Cortex</i> , 2012, 22, 1774-1785.	1.6	99
1099	Striatal Dopamine D <sub>2</sub> /D <sub>3</sub> Receptors Mediate Response Inhibition and Related Activity in Frontostriatal Neural Circuitry in Humans. <i>Journal of Neuroscience</i> , 2012, 32, 7316-7324.	1.7	214
1100	Estimation of functional connectivity from electromagnetic signals and the amount of empirical data required. <i>Neuroscience Letters</i> , 2012, 513, 57-61.	1.0	23
1101	Spatiotemporal frequency characteristics of cerebral oscillations during the perception of fundamental frequency contour changes in one-syllable intonation. <i>Neuroscience Letters</i> , 2012, 515, 141-146.	1.0	9
1102	Error monitoring functions in response to an external feedback when an explicit judgement is required. <i>International Journal of Psychophysiology</i> , 2012, 83, 295-301.	0.5	10
1103	The Simon effect modulates N2cc and LRP but not the N2pc component. <i>International Journal of Psychophysiology</i> , 2012, 84, 120-129.	0.5	20
1104	Brain activity while reading words and pseudo-words: A comparison between dyslexic and fluent readers. <i>International Journal of Psychophysiology</i> , 2012, 84, 270-276.	0.5	13
1105	Selective changes in white matter integrity in MCI and older adults with cognitive complaints. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 423-430.	1.8	92
1106	Neurocognitive deficits in male alcoholics: An ERP/sLORETA analysis of the N2 component in an equal probability Go/NoGo task. <i>Biological Psychology</i> , 2012, 89, 170-182.	1.1	97
1107	Extraversion and fronto-posterior EEG spectral power gradient: An independent component analysis. <i>Biological Psychology</i> , 2012, 89, 515-524.	1.1	14
1108	Cognition and event-related potentials in adult-onset non-demented myotonic dystrophy type 1. <i>Clinical Neurophysiology</i> , 2012, 123, 261-269.	0.7	10
1109	Mobile phone emission modulates event-related desynchronization of alpha rhythms and cognitive motor performance in healthy humans. <i>Clinical Neurophysiology</i> , 2012, 123, 121-128.	0.7	29
1110	Frequency-domain EEG source analysis for acute tonic cold pain perception. <i>Clinical Neurophysiology</i> , 2012, 123, 2042-2049.	0.7	96
1111	Baseline EEG theta/beta ratio and punishment sensitivity as biomarkers for feedback-related negativity (FRN) and risk-taking. <i>Clinical Neurophysiology</i> , 2012, 123, 1958-1965.	0.7	50
1112	Connectivity Changes Underlying Spectral EEG Changes during Propofol-Induced Loss of Consciousness. <i>Journal of Neuroscience</i> , 2012, 32, 7082-7090.	1.7	272

#	ARTICLE	IF	CITATIONS
1113	Neurodegenerative dementias: From MR Physics lab to assessment room. <i>European Physical Journal Plus</i> , 2012, 127, 1.	1.2	4
1114	Pre-attentive modulation of brain responses to tones in coloured-hearing synesthetes. <i>BMC Neuroscience</i> , 2012, 13, 151.	0.8	20
1115	Identify schizophrenia using resting-state functional connectivity: an exploratory research and analysis. <i>BioMedical Engineering OnLine</i> , 2012, 11, 50.	1.3	58
1116	Perspective and agency during video gaming influences spatial presence experience and brain activation patterns. <i>Behavioral and Brain Functions</i> , 2012, 8, 34.	1.4	26
1117	Task-dependent uncertainty modulation of perceptual decisions in the human brain. <i>European Journal of Neuroscience</i> , 2012, 36, 3732-3739.	1.2	11
1118	Theory of Mind Performance in Children Correlates With Functional Specialization of a Brain Region for Thinking About Thoughts. <i>Child Development</i> , 2012, 83, 1853-1868.	1.7	151
1119	Cognitive Dysfunction in Early Multiple Sclerosis: Altered Centrality Derived from Resting-State Functional Connectivity Using Magneto-Encephalography. <i>PLoS ONE</i> , 2012, 7, e42087.	1.1	56
1120	Predicting errors from reconfiguration patterns in human brain networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 16714-16719.	3.3	140
1121	Altered Functional Brain Connectivity in a Non-Clinical Sample of Young Adults with Attention-Deficit/Hyperactivity Disorder. <i>Journal of Neuroscience</i> , 2012, 32, 17753-17761.	1.7	130
1122	Attentional Stimulus Selection through Selective Synchronization between Monkey Visual Areas. <i>Neuron</i> , 2012, 75, 875-888.	3.8	665
1123	A sensitive period for language in the visual cortex: Distinct patterns of plasticity in congenitally versus late blind adults. <i>Brain and Language</i> , 2012, 122, 162-170.	0.8	85
1124	Frontal White Matter Integrity Predictors of Adult Alcohol Treatment Outcome. <i>Biological Psychiatry</i> , 2012, 71, 262-268.	0.7	60
1125	Depressive Symptoms in Mild Cognitive Impairment Predict Greater Atrophy in Alzheimer's Disease-Related Regions. <i>Biological Psychiatry</i> , 2012, 71, 814-821.	0.7	135
1126	Diffusion Tensor Imaging in Young Children with Autism: Biological Effects and Potential Confounds. <i>Biological Psychiatry</i> , 2012, 72, 1043-1051.	0.7	82
1127	Investigating phobic specificity with standardized low resolution brain electromagnetic tomography (sLORETA). <i>Brain Research</i> , 2012, 1477, 74-82.	1.1	12
1128	Sex differences in white matter development during adolescence: A DTI study. <i>Brain Research</i> , 2012, 1478, 1-15.	1.1	93
1129	The right hemisphere is not unitary in its role in aphasia recovery. <i>Cortex</i> , 2012, 48, 1179-1186.	1.1	149
1130	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

#	ARTICLE	IF	CITATIONS
1131	A longitudinal study of brain volume changes in normal aging. <i>European Journal of Radiology</i> , 2012, 81, 2801-2804.	1.2	53
1132	Correlation and heritability in neuroimaging datasets: A spatial decomposition approach with application to an fMRI study of twins. <i>NeuroImage</i> , 2012, 59, 1132-1142.	2.1	13
1133	Sustained gamma band synchronization in early visual areas reflects the level of selective attention. <i>NeuroImage</i> , 2012, 59, 673-681.	2.1	34
1134	White matter integrity and five-factor personality measures in healthy adults. <i>NeuroImage</i> , 2012, 59, 800-807.	2.1	143
1135	The effects of APOE on the functional architecture of the resting brain. <i>NeuroImage</i> , 2012, 59, 565-572.	2.1	130
1136	Identification and characterisation of midbrain nuclei using optimised functional magnetic resonance imaging. <i>NeuroImage</i> , 2012, 59, 1230-1238.	2.1	38
1137	How and how not to correct for CSF-contamination in diffusion MRI. <i>NeuroImage</i> , 2012, 59, 1394-1403.	2.1	257
1138	Direct evidence of intra- and interhemispheric corticomotor network degeneration in amyotrophic lateral sclerosis: An automated MRI structural connectivity study. <i>NeuroImage</i> , 2012, 59, 2661-2669.	2.1	61
1139	Investigating brain connectivity using mixed effects vector autoregressive models. <i>NeuroImage</i> , 2012, 59, 3347-3355.	2.1	27
1140	FSL. <i>NeuroImage</i> , 2012, 62, 782-790.	2.1	8,804
1141	The saccadic spike artifact in MEG. <i>NeuroImage</i> , 2012, 59, 1657-1667.	2.1	112
1142	A bilateral frontoparietal network underlies visuospatial analogical reasoning. <i>NeuroImage</i> , 2012, 59, 2831-2838.	2.1	79
1143	Microstructural white matter abnormalities in type 2 diabetes mellitus: A diffusion tensor imaging study. <i>NeuroImage</i> , 2012, 59, 1098-1105.	2.1	170
1144	The impact of a Dysbindin schizophrenia susceptibility variant on fiber tract integrity in healthy individuals: A TBSS-based diffusion tensor imaging study. <i>NeuroImage</i> , 2012, 60, 847-853.	2.1	28
1145	Apparent Fibre Density: A novel measure for the analysis of diffusion-weighted magnetic resonance images. <i>NeuroImage</i> , 2012, 59, 3976-3994.	2.1	491
1146	Bayesian inference in FMRI. <i>NeuroImage</i> , 2012, 62, 801-810.	2.1	49
1147	Multiple white matter tract abnormalities underlie cognitive impairment in RRMS. <i>NeuroImage</i> , 2012, 59, 3713-3722.	2.1	95
1148	Genome-wide supported risk variant for bipolar disorder alters anatomical connectivity in the human brain. <i>NeuroImage</i> , 2012, 59, 3288-3296.	2.1	41



#	ARTICLE	IF	CITATIONS
1149	Along-tract statistics allow for enhanced tractography analysis. <i>NeuroImage</i> , 2012, 59, 3227-3242.	2.1	205
1150	Automated measurement of local white matter lesion volume. <i>NeuroImage</i> , 2012, 59, 3901-3908.	2.1	14
1151	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
1152	Myelin water imaging reflects clinical variability in multiple sclerosis. <i>NeuroImage</i> , 2012, 60, 263-270.	2.1	110
1153	From novel to familiar: Tuning the brain for metaphors. <i>NeuroImage</i> , 2012, 59, 3212-3221.	2.1	183
1154	Impact of in-scanner head motion on multiple measures of functional connectivity: Relevance for studies of neurodevelopment in youth. <i>NeuroImage</i> , 2012, 60, 623-632.	2.1	1,037
1155	Connectivity differences in brain networks. <i>NeuroImage</i> , 2012, 60, 1055-1062.	2.1	233
1156	Multiple imputation of missing fMRI data in whole brain analysis. <i>NeuroImage</i> , 2012, 60, 1843-1855.	2.1	31
1157	Lowered frequency and impaired modulation of gamma band oscillations in a bimodal attention task are associated with reduced critical flicker frequency. <i>NeuroImage</i> , 2012, 61, 216-227.	2.1	27
1158	Correlates of perceptual awareness in human primary auditory cortex revealed by an informational masking experiment. <i>NeuroImage</i> , 2012, 61, 62-69.	2.1	43
1159	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
1160	Effects of semantic relatedness on age-related associative memory deficits: The role of theta oscillations. <i>NeuroImage</i> , 2012, 61, 1235-1248.	2.1	37
1161	Mapping directionality specific volume changes using tensor based morphometry: An application to the study of gyrogenesis and lateralization of the human fetal brain. <i>NeuroImage</i> , 2012, 63, 947-958.	2.1	29
1162	Does parametric fMRI analysis with SPM yield valid results? An empirical study of 1484 rest datasets. <i>NeuroImage</i> , 2012, 61, 565-578.	2.1	103
1163	Familiarity modulates the functional relationship between theory of mind and autobiographical memory. <i>NeuroImage</i> , 2012, 62, 520-529.	2.1	62
1164	Biological parametric mapping accounting for random regressors with regression calibration and model II regression. <i>NeuroImage</i> , 2012, 62, 1761-1768.	2.1	5
1165	Grammar learning in older adults is linked to white matter microstructure and functional connectivity. <i>NeuroImage</i> , 2012, 62, 1667-1674.	2.1	38
1166	Increasing power for voxel-wise genome-wide association studies: The random field theory, least square kernel machines and fast permutation procedures. <i>NeuroImage</i> , 2012, 63, 858-873.	2.1	76

#	ARTICLE	IF	CITATIONS
1167	Manipulating brain connectivity with $\delta^9$ -tetrahydrocannabinol: A pharmacological resting state fMRI study. <i>NeuroImage</i> , 2012, 63, 1701-1711.	2.1	79
1168	Joint neuronal tuning for object form and position in the human lateral occipital complex. <i>NeuroImage</i> , 2012, 63, 1901-1908.	2.1	13
1169	White matter integrity, language, and childhood onset schizophrenia. <i>Schizophrenia Research</i> , 2012, 138, 150-156.	1.1	29
1170	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
1171	Input permutation method to detect active voxels in fMRI study. <i>Magnetic Resonance Imaging</i> , 2012, 30, 1495-1504.	1.0	5
1172	Why some people discount more than others: baseline activation in the dorsal PFC mediates the link between COMT genotype and impatient choice. <i>Frontiers in Neuroscience</i> , 2012, 6, 54.	1.4	53
1173	Reduced Fractional Anisotropy of Corpus Callosum Modulates Inter-Hemispheric Resting State Functional Connectivity in Migraine Patients without Aura. <i>PLoS ONE</i> , 2012, 7, e45476.	1.1	105
1174	Cortical Folding Analysis on Patients with Alzheimer's Disease and Mild Cognitive Impairment. <i>Lecture Notes in Computer Science</i> , 2012, 15, 289-296.	1.0	9
1175	Functional connectivity measured with magnetoencephalography identifies persons with HIV disease. <i>Brain Imaging and Behavior</i> , 2012, 6, 366-373.	1.1	30
1176	3D Morphometric Analysis of Human Fetal Cerebellar Development. <i>Cerebellum</i> , 2012, 11, 761-770.	1.4	49
1177	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
1178	Multiple Diffusivities Define White Matter Degeneration in Amnesic Mild Cognitive Impairment and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2012, 30, 423-437.	1.2	23
1179	EEG-Guided Transcranial Magnetic Stimulation Reveals Rapid Shifts in Motor Cortical Excitability during the Human Sleep Slow Oscillation. <i>Journal of Neuroscience</i> , 2012, 32, 243-253.	1.7	181
1180	Typical Neural Representations of Action Verbs Develop without Vision. <i>Cerebral Cortex</i> , 2012, 22, 286-293.	1.6	99
1181	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
1182	Interpersonal body and neural synchronization as a marker of implicit social interaction. <i>Scientific Reports</i> , 2012, 2, 959.	1.6	288
1183	Functional Neuroimaging in Exercise and Sport Sciences. , 2012, , .		17
1184	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

#	ARTICLE	IF	CITATIONS
1185	Sex-related differences in sleep slow wave activity in major depressive disorder: a high-density EEG investigation. <i>BMC Psychiatry</i> , 2012, 12, 146.	1.1	46
1186	EEG sLORETA Functional Imaging During Hypnotic Arm Levitation and Voluntary Arm Lifting. <i>International Journal of Clinical and Experimental Hypnosis</i> , 2012, 60, 31-53.	1.1	17
1187	Start Position Strongly Influences Fixation Patterns during Face Processing: Difficulties with Eye Movements as a Measure of Information Use. <i>PLoS ONE</i> , 2012, 7, e31106.	1.1	65
1188	Prefrontal Cortex Based Sex Differences in Tinnitus Perception: Same Tinnitus Intensity, Same Tinnitus Distress, Different Mood. <i>PLoS ONE</i> , 2012, 7, e31182.	1.1	65
1189	Stimulus Variability Affects the Amplitude of the Auditory Steady-State Response. <i>PLoS ONE</i> , 2012, 7, e34668.	1.1	4
1190	Decoding Semi-Constrained Brain Activity from fMRI Using Support Vector Machines and Gaussian Processes. <i>PLoS ONE</i> , 2012, 7, e35860.	1.1	23
1191	Surprised at All the Entropy: Hippocampal, Caudate and Midbrain Contributions to Learning from Prediction Errors. <i>PLoS ONE</i> , 2012, 7, e36445.	1.1	54
1192	Left Inferior Frontal Activations Depending on the Canonicity Determined by the Argument Structures of Ditransitive Sentences: An MEG Study. <i>PLoS ONE</i> , 2012, 7, e37192.	1.1	7
1193	Human Cortical Traveling Waves: Dynamical Properties and Correlations with Responses. <i>PLoS ONE</i> , 2012, 7, e38392.	1.1	61
1194	Early Brain Vulnerability in Wolfram Syndrome. <i>PLoS ONE</i> , 2012, 7, e40604.	1.1	77
1195	Grey and White Matter Changes across the Amyotrophic Lateral Sclerosis-Frontotemporal Dementia Continuum. <i>PLoS ONE</i> , 2012, 7, e43993.	1.1	168
1196	The Importance of Group-Wise Registration in Tract Based Spatial Statistics Study of Neurodegeneration: A Simulation Study in Alzheimer's Disease. <i>PLoS ONE</i> , 2012, 7, e45996.	1.1	81
1197	Resting-State Network Disruption and APOE Genotype in Alzheimer's Disease: A lagged Functional Connectivity Study. <i>PLoS ONE</i> , 2012, 7, e46289.	1.1	124
1198	State-Related Changes in MEG Functional Connectivity Reveal the Task-Positive Sensorimotor Network. <i>PLoS ONE</i> , 2012, 7, e48682.	1.1	18
1199	The Fixation and Saccade P3. <i>PLoS ONE</i> , 2012, 7, e48761.	1.1	38
1200	Tract Profiles of White Matter Properties: Automating Fiber-Tract Quantification. <i>PLoS ONE</i> , 2012, 7, e49790.	1.1	669
1201	Intrinsic Brain Network Abnormalities in Migraines without Aura Revealed in Resting-State fMRI. <i>PLoS ONE</i> , 2012, 7, e52927.	1.1	165
1202	Does Filtering Preclude Us from Studying ERP Time-Courses?. <i>Frontiers in Psychology</i> , 2012, 3, 131.	1.1	99

#	ARTICLE	IF	CITATIONS
1203	Automated VOI Analysis in FDDNP PET Using Structural Warping: Validation through Classification of Alzheimer's Disease Patients. <i>International Journal of Alzheimer's Disease</i> , 2012, 2012, 1-8.	1.1	3
1204	Sub-Regional Hippocampal Injury is Associated with Fornix Degeneration in Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2012, 4, 1.	1.7	92
1205	Transcranial magnetic stimulation and preparation of visually-guided reaching movements. <i>Frontiers in Neuroengineering</i> , 2012, 5, 18.	4.8	10
1206	Episodic memory function is associated with multiple measures of white matter integrity in cognitive aging. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 56.	1.0	100
1207	Modulations of ongoing alpha oscillations predict successful short-term visual memory encoding. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 127.	1.0	36
1208	Does the brain know who is at the origin of what in an imitative interaction?. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 128.	1.0	57
1209	Oscillatory neuronal dynamics associated with manual acupuncture: a magnetoencephalography study using beamforming analysis. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 303.	1.0	3
1210	Non-Parametric Statistical Thresholding for Sparse Magnetoencephalography Source Reconstructions. <i>Frontiers in Neuroscience</i> , 2012, 6, 186.	1.4	7
1211	Personality and error monitoring: an update. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 171.	1.0	17
1212	An fMRI examination of the neural processing of periodic motion trajectories. <i>Journal of Vision</i> , 2012, 12, 5-5.	0.1	6
1213	Multimodal Imaging Evidence for Axonal and Myelin Deterioration in Amnesic Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2012, 31, S19-S31.	1.2	15
1214	Frontal lobe changes occur early in the course of affective disorders in young people. <i>BMC Psychiatry</i> , 2012, 12, 4.	1.1	46
1215	Brain correlates of musical and facial emotion recognition: Evidence from the dementias. <i>Neuropsychologia</i> , 2012, 50, 1814-1822.	0.7	117
1216	Compensatory role of the cortico-rubro-spinal tract in motor recovery after stroke. <i>Neurology</i> , 2012, 79, 515-522.	1.5	103
1217	Changes in resting-state brain networks in writer's cramp. <i>Human Brain Mapping</i> , 2012, 33, 840-848.	1.9	63
1218	Effects of morphine and alcohol on functional brain connectivity during a resting state: A placebo-controlled crossover study in healthy young men. <i>Human Brain Mapping</i> , 2012, 33, 1003-1018.	1.9	98
1219	White matter integrity and behavioral activation in healthy subjects. <i>Human Brain Mapping</i> , 2012, 33, 994-1002.	1.9	25
1220	A brain-potential study of preparation for and execution of a task-switch with stimuli that afford only the relevant task. <i>Human Brain Mapping</i> , 2012, 33, 1137-1154.	1.9	26

#	ARTICLE	IF	CITATIONS
1221	Functional brain network efficiency predicts intelligence. <i>Human Brain Mapping</i> , 2012, 33, 1393-1406.	1.9	243
1222	Selective BOLD responses to individual finger movement measured with fMRI at 3T. <i>Human Brain Mapping</i> , 2012, 33, 1594-1606.	1.9	47
1223	Oscillatory correlates of controlled speed-accuracy tradeoff in a response-conflict task. <i>Human Brain Mapping</i> , 2012, 33, 1834-1849.	1.9	40
1224	Abnormal asymmetry of white matter integrity in schizophrenia revealed by voxelwise diffusion tensor imaging. <i>Human Brain Mapping</i> , 2012, 33, 1741-1749.	1.9	48
1225	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
1226	The relationship between regional and inter-regional functional connectivity deficits in schizophrenia. <i>Human Brain Mapping</i> , 2012, 33, 2535-2549.	1.9	96
1227	Degeneration of corpus callosum and recovery of motor function after stroke: A multimodal magnetic resonance imaging study. <i>Human Brain Mapping</i> , 2012, 33, 2941-2956.	1.9	120
1228	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
1229	Considering the role of semantic memory in episodic future thinking: evidence from semantic dementia. <i>Brain</i> , 2012, 135, 2178-2191.	3.7	362
1230	WHITE MATTER ABNORMALITIES IN CHILDREN AND ADOLESCENTS WITH OBSESSIVE-COMPULSIVE DISORDER: A DIFFUSION TENSOR IMAGING STUDY. <i>Depression and Anxiety</i> , 2012, 29, 780-788.	2.0	54
1231	An fMRI Investigation of Cerebellar Function During Verbal Working Memory in Methadone Maintenance Patients. <i>Cerebellum</i> , 2012, 11, 300-310.	1.4	34
1232	Differences in integrity of white matter and changes with training in spelling impaired children: a diffusion tensor imaging study. <i>Brain Structure and Function</i> , 2012, 217, 747-760.	1.2	43
1233	EEG source imaging during two Qigong meditations. <i>Cognitive Processing</i> , 2012, 13, 255-265.	0.7	19
1234	Theta lingua franca: A common mid-frontal substrate for action monitoring processes. <i>Psychophysiology</i> , 2012, 49, 220-238.	1.2	521
1235	Statistical testing in electrophysiological studies. <i>Psychophysiology</i> , 2012, 49, 549-565.	1.2	186
1236	White matter microstructure in opiate addiction. <i>Addiction Biology</i> , 2012, 17, 141-148.	1.4	114
1237	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
1238	fMRI analysis on the GPU—Possibilities and challenges. <i>Computer Methods and Programs in Biomedicine</i> , 2012, 105, 145-161.	2.6	47

#	ARTICLE	IF	CITATIONS
1239	Fronto-temporo-insula gray matter alterations of first-episode, drug-naïve and very late-onset panic disorder patients. <i>Journal of Affective Disorders</i> , 2012, 140, 285-291.	2.0	46
1240	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
1241	Spatio-temporal localisation of attentional orienting to gaze and peripheral cues. <i>Brain Research</i> , 2012, 1439, 44-53.	1.1	10
1242	Temporal changes in cortical activation during distraction from pain: A comparative LORETA study with conditioned pain modulation. <i>Brain Research</i> , 2012, 1435, 105-117.	1.1	42
1243	Brain activation to cues predicting inescapable delay in adolescent Attention Deficit/Hyperactivity Disorder: An fMRI pilot study. <i>Brain Research</i> , 2012, 1450, 57-66.	1.1	41
1244	Development of white matter pathways in typically developing preadolescent children. <i>Brain Research</i> , 2012, 1466, 33-43.	1.1	30
1245	Sensorimotor cortical activation in patients with sleep bruxism. <i>Journal of Sleep Research</i> , 2012, 21, 507-514.	1.7	6
1246	Diffusion Tensor Imaging in Episodic Cluster Headache. <i>Headache</i> , 2012, 52, 274-282.	1.8	50
1247	White matter microstructural changes of thalamocortical networks in photosensitivity and idiopathic generalized epilepsy. <i>Epilepsia</i> , 2012, 53, 668-676.	2.6	27
1248	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
1249	Overnight changes in waking auditory evoked potential amplitude reflect altered sleep homeostasis in major depression. <i>Acta Psychiatrica Scandinavica</i> , 2012, 125, 468-477.	2.2	27
1250	Estimation of the spatiotemporal structure of event-related desynchronization and synchronization in magnetoencephalography. <i>Journal of Neuroscience Methods</i> , 2012, 205, 148-158.	1.3	2
1251	Volume conduction effects in brain network inference from electroencephalographic recordings using phase lag index. <i>Journal of Neuroscience Methods</i> , 2012, 207, 189-199.	1.3	84
1252	Subject-specific changes in brain white matter on diffusion tensor imaging after sports-related concussion. <i>Magnetic Resonance Imaging</i> , 2012, 30, 171-180.	1.0	248
1253	On using permutation tests to estimate the classification significance of functional magnetic resonance imaging data. <i>Neurocomputing</i> , 2012, 82, 224-233.	3.5	5
1254	Neural responses to visual scenes reveals inconsistencies between fMRI adaptation and multivoxel pattern analysis. <i>Neuropsychologia</i> , 2012, 50, 530-543.	0.7	60
1255	Analyses of regional-average activation and multivoxel pattern information tell complementary stories. <i>Neuropsychologia</i> , 2012, 50, 544-552.	0.7	169
1256	Electrophysiological and behavioral correlates of stable automatic semantic retrieval in aging. <i>Neuropsychologia</i> , 2012, 50, 160-171.	0.7	38

#	ARTICLE	IF	CITATIONS
1257	Chromaticity of color perception and object color knowledge. <i>Neuropsychologia</i> , 2012, 50, 327-333.	0.7	48
1258	Hemispheric asymmetries of functional connectivity and grey matter volume in the default mode network. <i>Neuropsychologia</i> , 2012, 50, 1308-1315.	0.7	49
1259	Therapy-induced neuroplasticity in chronic aphasia. <i>Neuropsychologia</i> , 2012, 50, 1776-1786.	0.7	80
1260	White matter microstructural alterations in migraine: A diffusion-weighted MRI study. <i>Pain</i> , 2012, 153, 651-656.	2.0	81
1261	Changes in regional gray matter volume in women with chronic pelvic pain: A voxel-based morphometry study. <i>Pain</i> , 2012, 153, 1006-1014.	2.0	201
1262	The effects of subjectively significant stimuli on subsequent cognitive brain activity. <i>Physiology and Behavior</i> , 2012, 105, 428-442.	1.0	1
1263	Altered slow wave activity in major depressive disorder with hypersomnia: A high density EEG pilot study. <i>Psychiatry Research - Neuroimaging</i> , 2012, 201, 240-244.	0.9	34
1264	Group Replicator Dynamics: A Novel Group-Wise Evolutionary Approach for Sparse Brain Network Detection. <i>IEEE Transactions on Medical Imaging</i> , 2012, 31, 576-585.	5.4	13
1265	Modeling Brain Activation in fMRI Using Group MRF. <i>IEEE Transactions on Medical Imaging</i> , 2012, 31, 1113-1123.	5.4	12
1266	Gesture in the developing brain. <i>Developmental Science</i> , 2012, 15, 165-180.	1.3	48
1267	<b>The relationship of positive and negative expressiveness to the processing of emotion information</b>. <i>Scandinavian Journal of Psychology</i> , 2012, 53, 206-215.	0.8	11
1268	Hippocampal volumes in bipolar disorders: opposing effects of illness burden and lithium treatment. <i>Bipolar Disorders</i> , 2012, 14, 261-270.	1.1	99
1269	Differential modulations of ipsilateral and contralateral beta (de)synchronization during unimanual force production. <i>European Journal of Neuroscience</i> , 2012, 36, 2088-2097.	1.2	35
1270	Age-related changes in neural functional connectivity and its behavioral relevance. <i>BMC Neuroscience</i> , 2012, 13, 16.	0.8	38
1271	The neuro/PsyGRID calibration experiment. <i>Human Brain Mapping</i> , 2012, 33, 373-386.	1.9	30
1272	Fixation based event-related fmri analysis: Using eye fixations as events in functional magnetic resonance imaging to reveal cortical processing during the free exploration of visual images. <i>Human Brain Mapping</i> , 2012, 33, 307-318.	1.9	33
1273	Nonlinear estimation of neural processing time from BOLD signal with application to decision-making. <i>Human Brain Mapping</i> , 2012, 33, 334-348.	1.9	0
1274	Effect of scanner in longitudinal diffusion tensor imaging studies. <i>Human Brain Mapping</i> , 2012, 33, 466-477.	1.9	56

#	ARTICLE	IF	CITATIONS
1275	Improving fMRI activation detection sensitivity using intervoxel coherence mapping. <i>International Journal of Imaging Systems and Technology</i> , 2012, 22, 33-36.	2.7	0
1276	Regional alterations of brain microstructure in Parkinson's disease using diffusion tensor imaging. <i>Movement Disorders</i> , 2012, 27, 90-97.	2.2	168
1277	Increased medial orbitofrontal [ <sup>18</sup> F]fluorodopa uptake in Parkinsonian impulse control disorders. <i>Movement Disorders</i> , 2012, 27, 778-782.	2.2	44
1278	The Use of Alcohol as a Moderator for Tinnitus-Related Distress. <i>Brain Topography</i> , 2012, 25, 97-105.	0.8	20
1279	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
1280	Brain growth rate abnormalities visualized in adolescents with autism. <i>Human Brain Mapping</i> , 2013, 34, 425-436.	1.9	51
1281	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
1282	Emotional brain rhythms and their impairment in post-traumatic patients. <i>Human Brain Mapping</i> , 2013, 34, 1344-1356.	1.9	31
1283	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
1284	Impact of scale space search on age- and gender-related changes in MRI-based cortical morphometry. <i>Human Brain Mapping</i> , 2013, 34, 2113-2128.	1.9	20
1285	The topography of brain damage at different stages of Parkinson's disease. <i>Human Brain Mapping</i> , 2013, 34, 2798-2807.	1.9	61
1286	Alterations of the salience network in obesity: A resting-state fMRI study. <i>Human Brain Mapping</i> , 2013, 34, 2786-2797.	1.9	167
1287	Spatiotemporal distribution of cortical processing of first and second languages in bilinguals. II. Effects of phonologic and semantic priming. <i>Human Brain Mapping</i> , 2013, 34, 2882-2898.	1.9	4
1288	Spatiotemporal distribution of cortical processing of first and second languages in bilinguals. I. Effects of proficiency and linguistic setting. <i>Human Brain Mapping</i> , 2013, 34, 2863-2881.	1.9	4
1289	Evolution of hippocampal shapes across the human lifespan. <i>Human Brain Mapping</i> , 2013, 34, 3075-3085.	1.9	41
1290	Changes in resting-state functionally connected parietofrontal networks after videogame practice. <i>Human Brain Mapping</i> , 2013, 34, 3143-3157.	1.9	41
1291	Can complex visual discrimination deficits in amnesia be attributed to the medial temporal lobe? An investigation into the effects of medial temporal lobe damage on brain connectivity. <i>Hippocampus</i> , 2013, 23, 7-13.	0.9	15
1292	Structural and functional abnormalities in migraine patients without aura. <i>NMR in Biomedicine</i> , 2013, 26, 58-64.	1.6	157



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1293	Cerebral small vessel disease in aging and Alzheimer's disease: a comparative study using MRI and SPECT. <i>European Journal of Neurology</i> , 2013, 20, 243-250.	1.7	47
1294	Harnessing graphics processing units for improved neuroimaging statistics. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2013, 13, 587-597.	1.0	3
1295	Grapheme-color synesthetes show peculiarities in their emotional brain: cortical and subcortical evidence from VBM analysis of 3D-T1 and DTI data. <i>Experimental Brain Research</i> , 2013, 227, 343-353.	0.7	15
1296	Diffusion tensor imaging and brain volumetry in Fabry disease patients. <i>Neuroradiology</i> , 2013, 55, 551-558.	1.1	35
1297	Variability of (functional) hemodynamics as measured with simultaneous fNIRS and fMRI during intertemporal choice. <i>NeuroImage</i> , 2013, 71, 125-134.	2.1	87
1298	Principal components of functional connectivity: A new approach to study dynamic brain connectivity during rest. <i>NeuroImage</i> , 2013, 83, 937-950.	2.1	367
1299	Reduced limbic metabolism and fronto-cortical volume in rats vulnerable to alcohol addiction. <i>NeuroImage</i> , 2013, 69, 112-119.	2.1	36
1300	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
1301	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
1302	Decoding the Neuroanatomical Basis of Reading Ability: A Multivoxel Morphometric Study. <i>Journal of Neuroscience</i> , 2013, 33, 12835-12843.	1.7	85
1303	Association of grey matter volume deviation with insight impairment in first-episode affective and non-affective psychosis. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2013, 263, 133-141.	1.8	28
1304	Penalized Likelihood Phenotyping: Unifying Voxelwise Analyses and Multi-Voxel Pattern Analyses in Neuroimaging. <i>Neuroinformatics</i> , 2013, 11, 227-247.	1.5	4
1305	Global functional connectivity reveals highly significant differences between the vegetative and the minimally conscious state. <i>Journal of Neurology</i> , 2013, 260, 975-983.	1.8	45
1306	Volumetric and surface-based 3D MRI analyses of fetal isolated mild ventriculomegaly. <i>Brain Structure and Function</i> , 2013, 218, 645-655.	1.2	41
1307	Relationship between cognitive impairment and white-matter alteration in Parkinson's disease with dementia: tract-based spatial statistics and tract-specific analysis. <i>European Radiology</i> , 2013, 23, 1946-1955.	2.3	80
1308	Childhood abuse and EEG source localization in crack cocaine dependence. <i>Psychiatry Research - Neuroimaging</i> , 2013, 213, 63-70.	0.9	2
1309	Training of affect recognition in schizophrenia patients with violent offences: Behavioral treatment effects and electrophysiological correlates. <i>Social Neuroscience</i> , 2013, 8, 505-514.	0.7	23
1310	Increased brain responses during subjectively-matched mechanical pain stimulation in fibromyalgia patients as evidenced by MEG. <i>Clinical Neurophysiology</i> , 2013, 124, 752-760.	0.7	16

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1311	Musical experts recruit action-related neural structures in harmonic anomaly detection: Evidence for embodied cognition in expertise. <i>Brain and Cognition</i> , 2013, 83, 190-202.	0.8	21
1312	Local polymorphic delta activity in cortical lesions causes global decreases in functional connectivity. <i>NeuroImage</i> , 2013, 83, 524-532.	2.1	71
1313	White matter tract signatures of the progressive aphasias. <i>Neurobiology of Aging</i> , 2013, 34, 1687-1699.	1.5	97
1314	White matter microstructural damage in Alzheimer's disease at different ages of onset. <i>Neurobiology of Aging</i> , 2013, 34, 2331-2340.	1.5	40
1315	White matter microstructure asymmetry: Effects of volume asymmetry on fractional anisotropy asymmetry. <i>Neuroscience</i> , 2013, 231, 1-12.	1.1	37
1316	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
1317	Differential neural mechanisms underlying exogenous attention to peripheral and central distracters. <i>Neuropsychologia</i> , 2013, 51, 1838-1847.	0.7	17
1318	Neural correlation of successful cognitive behaviour therapy for spider phobia: A magnetoencephalography study. <i>Psychiatry Research - Neuroimaging</i> , 2013, 214, 444-451.	0.9	3
1319	Multimodal image analysis of sensorimotor gating in healthy women. <i>Brain Research</i> , 2013, 1499, 61-68.	1.1	14
1320	Track-weighted functional connectivity (TW-FC): A tool for characterizing the structuralâ€“functional connections in the brain. <i>NeuroImage</i> , 2013, 70, 199-210.	2.1	40
1321	Reorganization of Oscillatory Activity in Human Parietal Cortex during Spatial Updating. <i>Cerebral Cortex</i> , 2013, 23, 508-519.	1.6	18
1322	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
1323	Frontal Cortex TMS for Tinnitus. <i>Brain Stimulation</i> , 2013, 6, 355-362.	0.7	74
1324	The effects of respiratory CO2 fluctuations in the resting-state BOLD signal differ between eyes open and eyes closed. <i>Magnetic Resonance Imaging</i> , 2013, 31, 336-345.	1.0	20
1325	The orbitofrontal cortex is involved in emotional enhancement of memory: evidence from the dementias. <i>Brain</i> , 2013, 136, 2992-3003.	3.7	64
1326	Dopamine Asymmetries Predict Orienting Bias in Healthy Individuals. <i>Cerebral Cortex</i> , 2013, 23, 2899-2904.	1.6	51
1327	Mapping Region-Specific Longitudinal Cortical Surface Expansion from Birth to 2 Years of Age. <i>Cerebral Cortex</i> , 2013, 23, 2724-2733.	1.6	203
1328	Emotional intelligence and oscillatory responses to emotional facial expressions. <i>Human Physiology</i> , 2013, 39, 371-377.	0.1	7

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1329	Severe nigrostriatal degeneration without clinical parkinsonism in patients with polymerase gamma mutations. <i>Brain</i> , 2013, 136, 2393-2404.	3.7	90
1330	The valuation system: A coordinate-based meta-analysis of BOLD fMRI experiments examining neural correlates of subjective value. <i>NeuroImage</i> , 2013, 76, 412-427.	2.1	1,572
1331	The effects of augmented visual feedback during balance training in Parkinson's disease: study design of a randomized clinical trial. <i>BMC Neurology</i> , 2013, 13, 137.	0.8	21
1332	Comparison of panic disorder with and without comorbid major depression by using brain structural magnetic resonance imaging. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 43, 188-196.	2.5	19
1333	The effects of the catechol-O-methyltransferase val158met polymorphism on white matter connectivity in patients with panic disorder. <i>Journal of Affective Disorders</i> , 2013, 147, 64-71.	2.0	18
1334	The association between higher order abilities, processing speed, and age are variably mediated by white matter integrity during typical aging. <i>Neuropsychologia</i> , 2013, 51, 1435-1444.	0.7	100
1335	White matter disintegration in cluster headache. <i>Journal of Headache and Pain</i> , 2013, 14, 64.	2.5	26
1336	Direct Recordings from the Auditory Cortex in a Cochlear Implant User. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2013, 14, 435-450.	0.9	23
1337	Multiple comparisons permutation test for image based data mining in radiotherapy. <i>Radiation Oncology</i> , 2013, 8, 293.	1.2	67
1338	Grey and white matter brain network changes in frontotemporal dementia subtypes. <i>Translational Neuroscience</i> , 2013, 4, 410-418.	0.7	8
1339	Broadband Cortical Desynchronization Underlies the Human Psychedelic State. <i>Journal of Neuroscience</i> , 2013, 33, 15171-15183.	1.7	364
1340	Altered EEG lagged coherence during rest in obsessive-compulsive disorder. <i>Clinical Neurophysiology</i> , 2013, 124, 2421-2430.	0.7	29
1341	Cognition in MS correlates with resting-state oscillatory brain activity: An explorative MEG source-space study. <i>NeuroImage: Clinical</i> , 2013, 2, 727-734.	1.4	33
1342	P300 in obsessive-compulsive disorder: Source localization and the effects of treatment. <i>Journal of Psychiatric Research</i> , 2013, 47, 1975-1983.	1.5	27
1343	Assessment of crosstalks between the Snf1 kinase complex and sphingolipid metabolism in <i>S. cerevisiae</i> via systems biology approaches. <i>Molecular BioSystems</i> , 2013, 9, 2914.	2.9	7
1344	A neurophysiological signature of motivational incongruence: EEG changes related to insufficient goal satisfaction. <i>International Journal of Psychophysiology</i> , 2013, 89, 1-8.	0.5	6
1345	Group-level impacts of within- and between-subject hemodynamic variability in fMRI. <i>NeuroImage</i> , 2013, 82, 433-448.	2.1	40
1346	Decoding the anatomical network of spatial attention. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 1518-1523.	3.3	111

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1347	Changes in Normal-Appearing White Matter Precede Development of White Matter Lesions. <i>Stroke</i> , 2013, 44, 1037-1042.	1.0	209
1348	Statistical tests for group comparison of manifold-valued data. , 2013, , .		2
1349	Association between Psychotic Symptoms and Cortical Thickness Reduction across the Schizophrenia Spectrum. <i>Cerebral Cortex</i> , 2013, 23, 61-70.	1.6	72
1350	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
1351	The neuroanatomical correlates of cognitive insight in schizophrenia. <i>Social Cognitive and Affective Neuroscience</i> , 2013, 8, 418-423.	1.5	49
1352	Changes in gray matter volume of remitted first-episode, drug-naïve, panic disorder patients after 6-week antidepressant therapy. <i>Journal of Psychiatric Research</i> , 2013, 47, 122-127.	1.5	33
1353	Structural and functional bases of visuospatial associative memory in older adults. <i>Neurobiology of Aging</i> , 2013, 34, 961-972.	1.5	15
1354	Lithium and GSK3- $\beta$ Promoter Gene Variants Influence White Matter Microstructure in Bipolar Disorder. <i>Neuropsychopharmacology</i> , 2013, 38, 313-327.	2.8	149
1355	Myelination deficits in schizophrenia: evidence from diffusion tensor imaging. <i>Brain Structure and Function</i> , 2013, 218, 151-156.	1.2	47
1356	Structure-function relationship of working memory activity with hippocampal and prefrontal cortex volumes. <i>Brain Structure and Function</i> , 2013, 218, 173-186.	1.2	43
1357	A three dimensional anatomical view of oscillatory resting-state activity and functional connectivity in Parkinson's disease related dementia: An MEG study using atlas-based beamforming. <i>NeuroImage: Clinical</i> , 2013, 2, 95-102.	1.4	41
1358	Optimally-Discriminative Voxel-Based Morphometry significantly increases the ability to detect group differences in schizophrenia, mild cognitive impairment, and Alzheimer's disease. <i>NeuroImage</i> , 2013, 79, 94-110.	2.1	32
1359	Coherence between magnetoencephalography and hand-action-related acceleration, force, pressure, and electromyogram. <i>NeuroImage</i> , 2013, 72, 83-90.	2.1	55
1360	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
1361	Abnormal white matter on diffusion tensor imaging in children with new-onset seizures. <i>Epilepsy Research</i> , 2013, 104, 105-111.	0.8	34
1362	Corticokinematic coherence during active and passive finger movements. <i>Neuroscience</i> , 2013, 238, 361-370.	1.1	61
1363	Neural substrates predicting improvement of tinnitus after cochlear implantation in patients with single-sided deafness. <i>Hearing Research</i> , 2013, 299, 1-9.	0.9	58
1364	Does enriched acoustic environment in humans abolish chronic tinnitus clinically and electrophysiologically? A double blind placebo controlled study. <i>Hearing Research</i> , 2013, 296, 141-148.	0.9	59

#	ARTICLE	IF	CITATIONS
1365	Default mode network in young people with familial risk for psychosis â€” The Oulu Brain and Mind Study. <i>Schizophrenia Research</i> , 2013, 143, 239-245.	1.1	19
1366	White matter alterations in antipsychotic- and mood stabilizer-naïve individuals with bipolar II/NOS disorder. <i>NeuroImage: Clinical</i> , 2013, 3, 271-278.	1.4	26
1367	Deciding where to look based on visual, auditory, and semantic information. <i>Brain Research</i> , 2013, 1525, 26-38.	1.1	6
1368	Abnormal white matter integrity and decision-making deficits in alcohol dependence. <i>Psychiatry Research - Neuroimaging</i> , 2013, 214, 382-388.	0.9	39
1369	Topographic and sex-related differences in sleep spindles in major depressive disorder: A high-density EEG investigation. <i>Journal of Affective Disorders</i> , 2013, 146, 120-125.	2.0	68
1370	Brain function overlaps when people observe emblems, speech, and grasping. <i>Neuropsychologia</i> , 2013, 51, 1619-1629.	0.7	57
1371	Mapping interictal epileptic discharges using mutual information between concurrent EEG and fMRI. <i>NeuroImage</i> , 2013, 68, 248-262.	2.1	34
1372	When the single matters more than the group: Very high false positive rates in single case Voxel Based Morphometry. <i>NeuroImage</i> , 2013, 70, 175-188.	2.1	50
1373	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
1374	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
1375	The neostriatum and response selection in overt sentence production: An fMRI study. <i>NeuroImage</i> , 2013, 82, 53-60.	2.1	22
1376	White matter integrity and executive abilities in individuals with phenylketonuria. <i>Molecular Genetics and Metabolism</i> , 2013, 109, 125-131.	0.5	63
1377	Disruption of structural connectivity along the dorsal and ventral language pathways in patients with nonfluent and semantic variant primary progressive aphasia: A DT MRI study and a literature review. <i>Brain and Language</i> , 2013, 127, 157-166.	0.8	79
1378	A maximum linear separation criterion for the analysis of neurophysiological data. <i>Journal of Neuroscience Methods</i> , 2013, 214, 233-245.	1.3	0
1379	SPatial REgression Analysis of Diffusion tensor imaging (SPREAD) for longitudinal progression of neurodegenerative disease in individual subjects. <i>Magnetic Resonance Imaging</i> , 2013, 31, 1657-1667.	1.0	10
1380	Impaired Anatomical Connectivity and Related Executive Functions: Differentiating Vulnerability and Disease Marker in Bipolar Disorder. <i>Biological Psychiatry</i> , 2013, 74, 908-916.	0.7	90
1381	Functional and structural syntax networks in aging. <i>NeuroImage</i> , 2013, 83, 513-523.	2.1	49
1382	Hyperfrontality and hypoconnectivity during refreshing in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2013, 211, 226-233.	0.9	14

#	ARTICLE	IF	CITATIONS
1383	Vector field statistical analysis of kinematic and force trajectories. <i>Journal of Biomechanics</i> , 2013, 46, 2394-2401.	0.9	462
1384	Spatiotemporal characterization of response inhibition. <i>NeuroImage</i> , 2013, 76, 272-281.	2.1	104
1385	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
1386	Regularized extreme learning machine for regression with missing data. <i>Neurocomputing</i> , 2013, 102, 45-51.	3.5	211
1387	Effects of personality trait emotionality on acoustic startle response and prepulse inhibition including N100 and P200 event-related potential. <i>Clinical Neurophysiology</i> , 2013, 124, 292-305.	0.7	27
1388	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
1389	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
1390	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
1391	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
1392	Tinnitus and musical hallucinosis: The same but more. <i>NeuroImage</i> , 2013, 82, 373-383.	2.1	59
1393	Automatic statistical shape analysis of cerebral asymmetry in 3D T1-weighted magnetic resonance images at vertex-level: Application to neuroleptic-naïve schizophrenia. <i>Magnetic Resonance Imaging</i> , 2013, 31, 676-687.	1.0	20
1394	Subcortical substrates of TMS induced modulation of the cortico-cortical connectivity. <i>Brain Stimulation</i> , 2013, 6, 138-146.	0.7	31
1395	Not lesser but Greater fractional anisotropy in adolescents with alcohol use disorders. <i>NeuroImage: Clinical</i> , 2013, 2, 804-809.	1.4	31
1396	Resting Functional Connectivity Reveals Residual Functional Activity in Alzheimer's Disease. <i>Biological Psychiatry</i> , 2013, 74, 375-383.	0.7	59
1397	Across-muscle coherence is modulated as a function of wrist posture during two-digit grasping. <i>Neuroscience Letters</i> , 2013, 553, 68-71.	1.0	7
1398	Who is honest and why: Baseline activation in anterior insula predicts inter-individual differences in deceptive behavior. <i>Biological Psychology</i> , 2013, 94, 192-197.	1.1	37
1399	Distressed aging: the differences in brain activity between early- and late-onset tinnitus. <i>Neurobiology of Aging</i> , 2013, 34, 1853-1863.	1.5	49
1400	Brain Effects of Cognitive Remediation Therapy in Schizophrenia: A Structural and Functional Neuroimaging Study. <i>Biological Psychiatry</i> , 2013, 73, 1015-1023.	0.7	162

#	ARTICLE	IF	CITATIONS
1401	Altered overnight modulation of spontaneous waking EEG reflects altered sleep homeostasis in major depressive disorder: A high-density EEG investigation. <i>Journal of Affective Disorders</i> , 2013, 150, 1167-1173.	2.0	16
1402	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
1403	Alterations of mean diffusivity in brain white matter and deep gray matter in Parkinson's disease. <i>Neuroscience Letters</i> , 2013, 550, 64-68.	1.0	87
1404	Norm-Based Coding of Voice Identity in Human Auditory Cortex. <i>Current Biology</i> , 2013, 23, 1075-1080.	1.8	105
1405	Altered C-tactile processing in human dynamic tactile allodynia. <i>Pain</i> , 2013, 154, 227-234.	2.0	59
1406	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
1407	Positive and negative symptom scores are correlated with activation in different brain regions during facial emotion perception in schizophrenia patients: A voxel-based sLORETA source activity study. <i>Schizophrenia Research</i> , 2013, 151, 165-174.	1.1	19
1408	Topological properties of large-scale structural brain networks in children with familial risk for reading difficulties. <i>NeuroImage</i> , 2013, 71, 260-274.	2.1	91
1409	Heavy smokers show abnormal microstructural integrity in the anterior corpus callosum: A diffusion tensor imaging study with tract-based spatial statistics. <i>Drug and Alcohol Dependence</i> , 2013, 129, 82-87.	1.6	70
1410	Prolonged febrile seizures cause reversible reductions in white matter integrity. <i>NeuroImage: Clinical</i> , 2013, 3, 515-521.	1.4	16
1411	Parietal Oscillations Code Nonvisual Reach Targets Relative to Gaze and Body. <i>Journal of Neuroscience</i> , 2013, 33, 3492-3499.	1.7	47
1412	Advanced EEG analysis using threshold-free cluster-enhancement and non-parametric statistics. <i>NeuroImage</i> , 2013, 67, 111-118.	2.1	140
1413	Evidence for a motor gamma-band network governing response interference. <i>NeuroImage</i> , 2013, 74, 245-253.	2.1	56
1414	Neuromodulation: selected approaches and challenges. <i>Journal of Neurochemistry</i> , 2013, 124, 436-453.	2.1	14
1415	Teaching an adult brain new tricks: A critical review of evidence for training-dependent structural plasticity in humans. <i>NeuroImage</i> , 2013, 73, 225-236.	2.1	187
1416	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
1417	The effects of working memory training on functional brain network efficiency. <i>Cortex</i> , 2013, 49, 2424-2438.	1.1	153
1418	Location of brain lesions predicts conversion of clinically isolated syndromes to multiple sclerosis. <i>Neurology</i> , 2013, 80, 234-241.	1.5	53

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1419	Working Memory Processes Are Mediated by Local and Long-range Synchronization of Alpha Oscillations. <i>Journal of Cognitive Neuroscience</i> , 2013, 25, 1343-1357.	1.1	42
1420	White Matter Microstructural Integrity in Youth With Type 1 Diabetes. <i>Diabetes</i> , 2013, 62, 581-589.	0.3	73
1421	Inter-subject synchronization of brain responses during natural music listening. <i>European Journal of Neuroscience</i> , 2013, 37, 1458-1469.	1.2	111
1422	Thalamocortical Disconnection in the Orbitofrontal Region Associated With Cortical Thinning in Schizophrenia. <i>JAMA Psychiatry</i> , 2013, 70, 12.	6.0	70
1423	Alpha-band suppression in the visual word form area as a functional bottleneck to consciousness. <i>NeuroImage</i> , 2013, 78, 33-45.	2.1	21
1424	Anomalous Gray Matter Structural Networks in Major Depressive Disorder. <i>Biological Psychiatry</i> , 2013, 74, 777-785.	0.7	135
1425	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
1426	The Thalamus and Brainstem Act As Key Hubs in Alterations of Human Brain Network Connectivity Induced by Mild Propofol Sedation. <i>Journal of Neuroscience</i> , 2013, 33, 4024-4031.	1.7	77
1427	Learning and comparing functional connectomes across subjects. <i>NeuroImage</i> , 2013, 80, 405-415.	2.1	185
1428	Microstructural white matter changes are correlated with the stage of psychiatric illness. <i>Translational Psychiatry</i> , 2013, 3, e248-e248.	2.4	42
1429	Functional and structural brain changes in anti-N-methyl-D-aspartate receptor encephalitis. <i>Annals of Neurology</i> , 2013, 74, 284-296.	2.8	167
1430	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
1431	Default mode network activity and white matter integrity in healthy middle-aged ApoE4 carriers. <i>Brain Imaging and Behavior</i> , 2013, 7, 60-67.	1.1	54
1432	Medical image processing on the GPU – Past, present and future. <i>Medical Image Analysis</i> , 2013, 17, 1073-1094.	7.0	321
1433	Neuroimaging of Cognitive Dysfunction and Depression in Aging Retired National Football League Players. <i>JAMA Neurology</i> , 2013, 70, 326.	4.5	273
1434	Spatial attention increases high-frequency gamma synchronisation in human medial visual cortex. <i>NeuroImage</i> , 2013, 79, 295-303.	2.1	32
1435	HERMES: Towards an Integrated Toolbox to Characterize Functional and Effective Brain Connectivity. <i>Neuroinformatics</i> , 2013, 11, 405-434.	1.5	223
1436	Extensive white matter abnormalities in patients with first-episode schizophrenia: A diffusion tensor imaging (DTI) study. <i>Schizophrenia Research</i> , 2013, 143, 231-238.	1.1	160



#	ARTICLE	IF	CITATIONS
1437	Probing command following in patients with disorders of consciousness using a brain-computer interface. <i>Clinical Neurophysiology</i> , 2013, 124, 101-106.	0.7	217
1438	The cortical dynamics underlying effective switching of auditory spatial attention. <i>NeuroImage</i> , 2013, 64, 365-370.	2.1	51
1439	Representations of the temporal envelope of sounds in human auditory cortex: Can the results from invasive intracortical depth-electrode recordings be replicated using non-invasive MEG virtual electrodes?. <i>NeuroImage</i> , 2013, 64, 185-196.	2.1	23
1440	Shared electrophysiology mechanisms of body ownership and motor imagery. <i>NeuroImage</i> , 2013, 64, 216-228.	2.1	72
1441	The impact of physiological correction on functional connectivity analysis of pharmacological resting state fMRI. <i>NeuroImage</i> , 2013, 65, 499-510.	2.1	62
1442	Visual dominance and multisensory integration changes with age. <i>NeuroImage</i> , 2013, 65, 152-166.	2.1	96
1443	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
1444	Statistical inference and multiple testing correction in classification-based multi-voxel pattern analysis (MVPA): Random permutations and cluster size control. <i>NeuroImage</i> , 2013, 65, 69-82.	2.1	340
1445	Neural substrates of normal and impaired preattentive sensory discrimination in large cohorts of nonpsychiatric subjects and schizophrenia patients as indexed by MMN and P3a change detection responses. <i>NeuroImage</i> , 2013, 66, 594-603.	2.1	84
1446	Good practice for conducting and reporting MEG research. <i>NeuroImage</i> , 2013, 65, 349-363.	2.1	604
1447	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
1448	Preparatory patterns of neural activity predict visual category search speed. <i>NeuroImage</i> , 2013, 66, 215-222.	2.1	17
1449	Primary motor cortex and cerebellum are coupled with the kinematics of observed hand movements. <i>NeuroImage</i> , 2013, 66, 500-507.	2.1	35
1450	Statistical analysis of longitudinal neuroimage data with Linear Mixed Effects models. <i>NeuroImage</i> , 2013, 66, 249-260.	2.1	298
1451	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
1452	Combining Boundary-Based Methods With Tensor-Based Morphometry in the Measurement of Longitudinal Brain Change. <i>IEEE Transactions on Medical Imaging</i> , 2013, 32, 223-236.	5.4	19
1453	Episodic future thinking is impaired in the behavioural variant of frontotemporal dementia. <i>Cortex</i> , 2013, 49, 2377-2388.	1.1	82
1454	Topography of sleep slow wave activity in children with attention-deficit/hyperactivity disorder. <i>Cortex</i> , 2013, 49, 340-347.	1.1	83

#	ARTICLE	IF	CITATIONS
1455	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
1456	Separation of Low-Voltage EEG-Activity During Mental Activation from that During Transition to Drowsiness. <i>Brain Topography</i> , 2013, 26, 538-546.	0.8	10
1457	Decision-making in moral conflict: A brain electrical tomography analysis. <i>Neuroscience of Decision Making</i> , 2013, 1, .	1.3	2
1458	Physical activity is related to the structural integrity of cerebral white matter. <i>Neurology</i> , 2013, 81, 971-976.	1.5	76
1459	Targeting ASIC1 in primary progressive multiple sclerosis: evidence of neuroprotection with amiloride. <i>Brain</i> , 2013, 136, 106-115.	3.7	123
1460	Cerebral Blood Flow Measured with 3D Pseudocontinuous Arterial Spin-labeling MR Imaging in Alzheimer Disease and Mild Cognitive Impairment: A Marker for Disease Severity. <i>Radiology</i> , 2013, 267, 221-230.	3.6	206
1461	Brain mapping after prolonged cycling and during recovery in the heat. <i>Journal of Applied Physiology</i> , 2013, 115, 1324-1331.	1.2	27
1462	Evidence for adaptive cortical changes in swallowing in Parkinson's disease. <i>Brain</i> , 2013, 136, 726-738.	3.7	84
1464	Presurgical connectome and postsurgical seizure control in temporal lobe epilepsy. <i>Neurology</i> , 2013, 81, 1704-1710.	1.5	115
1465	Altered White Matter Integrity in Adolescents with Prelingual Deafness: A High-Resolution Tract-Based Spatial Statistics Imaging Study. <i>American Journal of Neuroradiology</i> , 2013, 34, 1264-1270.	1.2	46
1466	Methamphetamine-Induced Disruption of Frontostriatal Reward Learning Signals: Relation to Psychotic Symptoms. <i>American Journal of Psychiatry</i> , 2013, 170, 1326-1334.	4.0	48
1467	White Matter Abnormalities in Skin Picking Disorder: A Diffusion Tensor Imaging Study. <i>Neuropsychopharmacology</i> , 2013, 38, 763-769.	2.8	67
1468	Identifying Large-Scale Brain Networks in Fragile X Syndrome. <i>JAMA Psychiatry</i> , 2013, 70, 1215.	6.0	57
1469	Early White Matter Changes in Childhood Multiple Sclerosis: A Diffusion Tensor Imaging Study. <i>American Journal of Neuroradiology</i> , 2013, 34, 2015-2020.	1.2	17
1470	White-Matter Changes Correlate with Cognitive Functioning in Parkinson's Disease. <i>Frontiers in Neurology</i> , 2013, 4, 37.	1.1	53
1471	Decreased Functional Brain Connectivity in Adolescents with Internet Addiction. <i>PLoS ONE</i> , 2013, 8, e57831.	1.1	133
1472	A Novel Method for Quantifying Spatial Correlations Between Patterns of Atherosclerosis and Hemodynamic Factors. <i>Journal of Biomechanical Engineering</i> , 2013, 135, 021023.	0.6	17
1473	Action Concepts in the Brain: An Activation Likelihood Estimation Meta-analysis. <i>Journal of Cognitive Neuroscience</i> , 2013, 25, 1191-1205.	1.1	134

#	ARTICLE	IF	CITATIONS
1474	Virtual Visual Effect of Hospital Waiting Room on Pain Modulation in Healthy Subjects and Patients with Chronic Migraine. <i>Pain Research and Treatment</i> , 2013, 2013, 1-8.	1.7	23
1475	Subgroup of ADNI normal controls characterized by atrophy and cognitive decline associated with vascular damage.. <i>Psychology and Aging</i> , 2013, 28, 191-201.	1.4	32
1476	Leveraging Prior Information to Detect Causal Variants via Multi-Variant Regression. <i>PLoS Computational Biology</i> , 2013, 9, e1003093.	1.5	10
1477	Non-Invasive Continuous Glucose Monitoring with Multi-Sensor Systems: A Monte Carlo-Based Methodology for Assessing Calibration Robustness. <i>Sensors</i> , 2013, 13, 7279-7295.	2.1	17
1478	EEG in Silent Small Vessel Disease. <i>Journal of Clinical Neurophysiology</i> , 2013, 30, 178-187.	0.9	20
1479	Temporal stimulus properties that attract gaze to the periphery and repel gaze from fixation. <i>Journal of Vision</i> , 2013, 13, 6-6.	0.1	2
1480	Localized High Gamma Motor Oscillations Respond to Perceived Biologic Motion. <i>Journal of Clinical Neurophysiology</i> , 2013, 30, 299-307.	0.9	10
1481	Selective and Invariant Neural Responses to Spoken and Written Narratives. <i>Journal of Neuroscience</i> , 2013, 33, 15978-15988.	1.7	180
1482	A Hierarchy of Attentional Priority Signals in Human Frontoparietal Cortex. <i>Journal of Neuroscience</i> , 2013, 33, 16606-16616.	1.7	32
1483	Abstract Representations of Location and Facing Direction in the Human Brain. <i>Journal of Neuroscience</i> , 2013, 33, 6133-6142.	1.7	125
1484	Human Sensorimotor Cortex Represents Conflicting Visuomotor Mappings. <i>Journal of Neuroscience</i> , 2013, 33, 6412-6422.	1.7	28
1485	Anterior Cingulate Abnormality as a Neural Correlate of Mismatch Negativity in Schizophrenia. <i>Neuropsychobiology</i> , 2013, 68, 197-204.	0.9	10
1486	Attention and Internalizing Behaviors in Relation to White Matter in Children Born Preterm. <i>Journal of Developmental and Behavioral Pediatrics</i> , 2013, 34, 156-164.	0.6	46
1487	Frontal lobe connectivity and cognitive impairment in pediatric frontal lobe epilepsy. <i>Epilepsia</i> , 2013, 54, 446-454.	2.6	86
1488	Mild Cognitive Impairment: Cerebrospinal Fluid Tau Biomarker Pathologic Levels and Longitudinal Changes in White Matter Integrity. <i>Radiology</i> , 2013, 266, 295-303.	3.6	46
1489	Diffusion tensor imaging detects white matter abnormalities and associated cognitive deficits in chronic adolescent TBI. <i>Brain Injury</i> , 2013, 27, 454-463.	0.6	25
1490	Patterns of Brain Atrophy in Clinical Variants of Frontotemporal Lobar Degeneration. <i>Dementia and Geriatric Cognitive Disorders</i> , 2013, 35, 34-50.	0.7	42
1491	Alterations in white matter microstructure in women recovered from anorexia nervosa. <i>International Journal of Eating Disorders</i> , 2013, 46, 701-708.	2.1	50

#	ARTICLE	IF	CITATIONS
1492	LÃ©vy-based Modelling in Brain Imaging. <i>Scandinavian Journal of Statistics</i> , 2013, 40, 511-529.	0.9	25
1493	MVPA Permutation Schemes: Permutation Testing in the Land of Cross-Validation. , 2013, , .		28
1494	Pain and the Alpha-Sleep Anomaly: A Mechanism of Sleep Disruption in Facioscapulothoracic Muscular Dystrophy. <i>Pain Medicine</i> , 2013, 14, 487-497.	0.9	18
1495	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
1496	White matter abnormalities in Parkinson's disease patients with glucocerebrosidase gene mutations. <i>Movement Disorders</i> , 2013, 28, 772-778.	2.2	34
1497	Localization of Scopolamine Induced Electrocardiac Brain Activity Changes, in Healthy Humans at Rest. <i>Journal of Clinical Pharmacology</i> , 2013, 53, 619-625.	1.0	11
1498	ODVBA-C: Optimally-Discriminative Voxel-Based Analysis of Continuous Variables. , 2013, 2013, 161-164.		0
1499	Changes in electroencephalographic activity during observation, preparation, and execution of a motor learning task. <i>International Journal of Neuroscience</i> , 2013, 123, 866-875.	0.8	26
1500	Functional connectivity eigennetworks reveal different brain dynamics in multiple sclerosis patients. , 2013, , .		4
1501	Diffeomorphic point set registration using non-stationary mixture models. , 2013, , .		2
1502	Representational Similarity Analysis Reveals Commonalities and Differences in the Semantic Processing of Words and Objects. <i>Journal of Neuroscience</i> , 2013, 33, 18906-18916.	1.7	163
1503	Altered Intrinsic Neuronal Interactions in the Visual Cortex of the Blind. <i>Journal of Neuroscience</i> , 2013, 33, 17072-17080.	1.7	41
1504	Disruption of visual and motor connectivity in spinocerebellar ataxia type 7. <i>Movement Disorders</i> , 2013, 28, 1708-1716.	2.2	35
1505	Increased Functional Connectivity and Brain Atrophy in Elderly with Subjective Memory Complaints. <i>Brain Connectivity</i> , 2013, 3, 353-362.	0.8	132
1506	Multiscale adaptive smoothing models for the hemodynamic response function in fMRI. <i>Annals of Applied Statistics</i> , 2013, 7, 904-935.	0.5	4
1507	Statistical Evaluation of Single-Photon Emission Computed Tomography Image Using Smoothed Bootstrap Method. <i>Biological and Pharmaceutical Bulletin</i> , 2013, 36, 417-424.	0.6	0
1508	FKBP5 and Attention Bias for Threat. <i>JAMA Psychiatry</i> , 2013, 70, 392.	6.0	118
1509	Effect of Kidney Dysfunction on Cortical Thinning in Patients with Probable Alzheimer's Disease Dementia. <i>Journal of Alzheimer's Disease</i> , 2013, 33, 961-968.	1.2	11

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1510	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
1511	"What?" and "where?" versus "what is where?": The impact of task on coding of object form and position in the lateral occipital complex. <i>Journal of Vision</i> , 2013, 13, 21-21.	0.1	3
1512	Understanding the Impact of Interruptions on Knowledge Work: An Exploratory Neuroimaging Study. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
1513	Statistical Analysis of Brain MRI Data. <i>Japanese Journal of Biometrics</i> , 2013, 33, 145-174.	0.0	2
1514	A Comparative White Matter Study with Parkinson's disease, Parkinson's Disease with Dementia and Alzheimer's Disease. , 2013, 03, 123.		18
1515	The Neural Substrates of Social Influence on Decision Making. <i>PLoS ONE</i> , 2013, 8, e52630.	1.1	28
1516	Apathy and White Matter Integrity in Alzheimer's Disease: A Whole Brain Analysis with Tract-Based Spatial Statistics. <i>PLoS ONE</i> , 2013, 8, e53493.	1.1	63
1517	EEG Source Reconstruction Reveals Frontal-Parietal Dynamics of Spatial Conflict Processing. <i>PLoS ONE</i> , 2013, 8, e57293.	1.1	110
1518	Enhanced Stimulus-Induced Gamma Activity in Humans during Propofol-Induced Sedation. <i>PLoS ONE</i> , 2013, 8, e57685.	1.1	47
1519	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
1520	Whole Brain Approaches for Identification of Microstructural Abnormalities in Individual Patients: Comparison of Techniques Applied to Mild Traumatic Brain Injury. <i>PLoS ONE</i> , 2013, 8, e59382.	1.1	55
1521	Progressive White Matter Microstructure Damage in Male Chronic Heroin Dependent Individuals: A DTI and TBSS Study. <i>PLoS ONE</i> , 2013, 8, e63212.	1.1	49
1522	Exercise Challenge in Gulf War Illness Reveals Two Subgroups with Altered Brain Structure and Function. <i>PLoS ONE</i> , 2013, 8, e63903.	1.1	70
1523	The Attention Modulation on Timing: An Event-Related Potential Study. <i>PLoS ONE</i> , 2013, 8, e66190.	1.1	22
1524	Larger Right Posterior Parietal Volume in Action Video Game Experts: A Behavioral and Voxel-Based Morphometry (VBM) Study. <i>PLoS ONE</i> , 2013, 8, e66998.	1.1	65
1525	Convergent Findings of Altered Functional and Structural Brain Connectivity in Individuals with High Functioning Autism: A Multimodal MRI Study. <i>PLoS ONE</i> , 2013, 8, e67329.	1.1	132
1526	Discrete Neural Correlates for the Recognition of Negative Emotions: Insights from Frontotemporal Dementia. <i>PLoS ONE</i> , 2013, 8, e67457.	1.1	150
1527	Affiliative Behaviour and Conflictual Communication during Brief Family Therapy of Patients with Anorexia Nervosa. <i>PLoS ONE</i> , 2013, 8, e70389.	1.1	4

#	ARTICLE	IF	CITATIONS
1528	Experienced Mindfulness Meditators Exhibit Higher Parietal-Occipital EEG Gamma Activity during NREM Sleep. PLoS ONE, 2013, 8, e73417.	1.1	82
1529	White Matter Abnormalities and Structural Hippocampal Disconnections in Amnesic Mild Cognitive Impairment and Alzheimer's Disease. PLoS ONE, 2013, 8, e74776.	1.1	28
1530	Cortical Grey Matter and Subcortical White Matter Brain Microstructural Changes in Schizophrenia Are Localised and Age Independent: A Case-Control Diffusion Tensor Imaging Study. PLoS ONE, 2013, 8, e75115.	1.1	30
1531	Emotion-Related Visual Mismatch Responses in Schizophrenia: Impairments and Correlations with Emotion Recognition. PLoS ONE, 2013, 8, e75444.	1.1	50
1532	Alterations of White Matter Integrity Related to the Season of Birth in Schizophrenia: A DTI Study. PLoS ONE, 2013, 8, e75508.	1.1	16
1533	Altered Resting State Brain Networks in Parkinson's Disease. PLoS ONE, 2013, 8, e77336.	1.1	201
1534	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
1535	Extramotor Damage Is Associated with Cognition in Primary Lateral Sclerosis Patients. PLoS ONE, 2013, 8, e82017.	1.1	33
1536	Differential Patterns of Prefrontal MEG Activation during Verbal & Visual Encoding and Retrieval. PLoS ONE, 2013, 8, e82936.	1.1	5
1537	Identifying Individuals with Antisocial Personality Disorder Using Resting-State fMRI. PLoS ONE, 2013, 8, e60652.	1.1	69
1538	Neural Activations during Visual Sequence Learning Leave a Trace in Post-Training Spontaneous EEG. PLoS ONE, 2013, 8, e65882.	1.1	38
1539	In Vivo Quantitative Susceptibility Mapping (QSM) in Alzheimer's Disease. PLoS ONE, 2013, 8, e81093.	1.1	235
1540	People can understand descriptions of motion without activating visual motion brain regions. Frontiers in Psychology, 2013, 4, 537.	1.1	8
1541	Developmental changes in visual short-term memory in infancy: evidence from eye-tracking. Frontiers in Psychology, 2013, 4, 697.	1.1	49
1542	Local Experience-Dependent Changes in the Wake EEG after Prolonged Wakefulness. Sleep, 2013, 36, 59-72.	0.6	178
1543	Age-related vulnerability in the neural systems supporting semantic processing. Frontiers in Aging Neuroscience, 2013, 5, 46.	1.7	21
1544	A permutation testing framework to compare groups of brain networks. Frontiers in Computational Neuroscience, 2013, 7, 171.	1.2	57
1545	BOLD Responses in Human Primary Visual Cortex are Insensitive to Substantial Changes in Neural Activity. Frontiers in Human Neuroscience, 2013, 7, 76.	1.0	33

#	ARTICLE	IF	CITATIONS
1546	Beyond human intentions and emotions. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 99.	1.0	15
1547	Modifications of EEG power spectra in mesial temporal lobe during n-back tasks of increasing difficulty. A sLORETA study. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 109.	1.0	25
1548	Rhythmic and melodic deviations in musical sequences recruit different cortical areas for mismatch detection. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 260.	1.0	49
1549	Disparity between dorsal and ventral networks in patients with obsessive-compulsive disorder: evidence revealed by graph theoretical analysis based on cortical thickness from MRI. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 302.	1.0	17
1550	The visual mismatch negativity elicited with visual speech stimuli. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 371.	1.0	22
1551	GroupICA dual regression analysis of resting state networks in a behavioral variant of frontotemporal dementia. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 461.	1.0	62
1552	Mindfulness-induced selflessness: a MEG neurophenomenological study. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 582.	1.0	114
1553	Decreased frontal gyrification correlates with altered connectivity in children with autism. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 750.	1.0	127
1554	Resting state fMRI reveals a default mode dissociation between retrosplenial and medial prefrontal subnetworks in ASD despite motion scrubbing. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 802.	1.0	73
1555	Long-range neural activity evoked by premotor cortex stimulation: a TMS/EEG co-registration study. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 803.	1.0	23
1556	MEG and EEG data analysis with MNE-Python. <i>Frontiers in Neuroscience</i> , 2013, 7, 267.	1.4	1,864
1557	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
1558	Impact of a Single Bout of Aerobic Exercise on Regional Brain Perfusion and Activation Responses in Healthy Young Adults. <i>PLoS ONE</i> , 2014, 9, e85163.	1.1	78
1559	An Increase in Tobacco Craving Is Associated with Enhanced Medial Prefrontal Cortex Network Coupling. <i>PLoS ONE</i> , 2014, 9, e88228.	1.1	38
1560	External Error Monitoring in Subclinical Obsessive-Compulsive Subjects: Electrophysiological Evidence from a Gambling Task. <i>PLoS ONE</i> , 2014, 9, e90874.	1.1	12
1561	Cardiopulmonary Fitness Correlates with Regional Cerebral Grey Matter Perfusion and Density in Men with Coronary Artery Disease. <i>PLoS ONE</i> , 2014, 9, e91251.	1.1	18
1562	Predictive Value of Imaging Markers at Multiple Sclerosis Disease Onset Based on Gadolinium- and USPIO-Enhanced MRI and Machine Learning. <i>PLoS ONE</i> , 2014, 9, e93024.	1.1	24
1563	Frontal White Matter Alterations in Short-Term Medicated Panic Disorder Patients without Comorbid Conditions: A Diffusion Tensor Imaging Study. <i>PLoS ONE</i> , 2014, 9, e95279.	1.1	16

#	ARTICLE	IF	CITATIONS
1564	Cluster Size Statistic and Cluster Mass Statistic: Two Novel Methods for Identifying Changes in Functional Connectivity Between Groups or Conditions. PLoS ONE, 2014, 9, e98697.	1.1	12
1565	Effects of Spatial and Feature Attention on Disparity-Rendered Structure-From-Motion Stimuli in the Human Visual Cortex. PLoS ONE, 2014, 9, e100074.	1.1	1
1566	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
1567	Effects of VRK2 (rs2312147) on White Matter Connectivity in Patients with Schizophrenia. PLoS ONE, 2014, 9, e103519.	1.1	14
1568	Cognitive Impairment in Myotonic Dystrophy Type 1 Is Associated with White Matter Damage. PLoS ONE, 2014, 9, e104697.	1.1	76
1569	Cerebellar Integrity in the Amyotrophic Lateral Sclerosis - Frontotemporal Dementia Continuum. PLoS ONE, 2014, 9, e105632.	1.1	79
1570	Directional Influence between the Human Amygdala and Orbitofrontal Cortex at the Time of Decision-Making. PLoS ONE, 2014, 9, e109689.	1.1	18
1571	Dissociation of Neural Substrates of Response Inhibition to Negative Information between Implicit and Explicit Facial Go/Nogo Tasks: Evidence from an Electrophysiological Study. PLoS ONE, 2014, 9, e109839.	1.1	12
1572	Multimodal Magnetic Resonance Imaging Study of Treatment-Naïve Adults with Attention-Deficit/Hyperactivity Disorder. PLoS ONE, 2014, 9, e110199.	1.1	24
1573	Grey and White Matter Correlates of Recent and Remote Autobiographical Memory Retrieval – Insights from the Dementias. PLoS ONE, 2014, 9, e113081.	1.1	56
1574	Distinguishing Patients with Parkinson's Disease Subtypes from Normal Controls Based on Functional Network Regional Efficiencies. PLoS ONE, 2014, 9, e115131.	1.1	27
1575	Tract-Based Spatial Statistics: Application to Mild Cognitive Impairment. BioMed Research International, 2014, 2014, 1-8.	0.9	9
1576	Oscillatory dynamics of Gestalt perception in schizophrenia revisited. Frontiers in Psychology, 2014, 5, 68.	1.1	22
1577	Early Brain Loss in Circuits Affected by Alzheimer's Disease is Predicted by Fornix Microstructure but may be Independent of Gray Matter. Frontiers in Aging Neuroscience, 2014, 6, 106.	1.7	31
1578	Mild cognitive impairment, poor episodic memory, and late-life depression are associated with cerebral cortical thinning and increased white matter hyperintensities. Frontiers in Aging Neuroscience, 2014, 6, 306.	1.7	59
1579	Slowing of EEG Background Activity in Parkinson's and Alzheimer's Disease with Early Cognitive Dysfunction. Frontiers in Aging Neuroscience, 2014, 6, 314.	1.7	49
1580	sLORETA current source density analysis of evoked potentials for spatial updating in a virtual navigation task. Frontiers in Behavioral Neuroscience, 2014, 8, 66.	1.0	7
1581	Brain functional connectivity changes in children that differ in impulsivity temperamental trait. Frontiers in Behavioral Neuroscience, 2014, 8, 156.	1.0	28



#	ARTICLE	IF	CITATIONS
1582	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
1583	A controlled study on the cognitive effect of alpha neurofeedback training in patients with major depressive disorder. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 296.	1.0	54
1584	Linking Online Gaming and Addictive Behavior: Converging Evidence for a General Reward Deficiency in Frequent Online Gamers. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 385.	1.0	30
1585	Effects of load and maintenance duration on the time course of information encoding and retrieval in working memory: from perceptual analysis to post-categorization processes. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 165.	1.0	46
1586	Low and then high frequency oscillations of distinct right cortical networks are progressively enhanced by medium and long term Satyananda Yoga meditation practice. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 197.	1.0	21
1587	sLORETA intracortical lagged coherence during breath counting in meditation-naïve participants. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 303.	1.0	29
1588	The neural basis of task switching changes with skill acquisition. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 339.	1.0	34
1589	Imaging the where and when of tic generation and resting state networks in adult Tourette patients. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 362.	1.0	140
1590	Assessing direct paths of intracortical causal information flow of oscillatory activity with the isolated effective coherence (iCoh). <i>Frontiers in Human Neuroscience</i> , 2014, 8, 448.	1.0	77
1591	EEG beta suppression and low gamma modulation are different elements of human upright walking. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 485.	1.0	168
1592	A single session of exercise increases connectivity in sensorimotor-related brain networks: a resting-state fMRI study in young healthy adults. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 625.	1.0	65
1593	Preferential encoding of behaviorally relevant predictions revealed by EEG. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 687.	1.0	5
1594	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
1595	Functional connectivity changes in adults with developmental stuttering: a preliminary study using quantitative electro-encephalography. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 783.	1.0	26
1596	The role of the precuneus in metaphor comprehension: evidence from an fMRI study in people with schizophrenia and healthy participants. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 818.	1.0	51
1597	Cerebral oscillatory activity during simulated driving using MEG. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 975.	1.0	10
1598	A versatile software package for inter-subject correlation based analyses of fMRI. <i>Frontiers in Neuroinformatics</i> , 2014, 8, 2.	1.3	64
1599	BROCCOLI: Software for fast fMRI analysis on many-core CPUs and GPUs. <i>Frontiers in Neuroinformatics</i> , 2014, 8, 24.	1.3	74

#	ARTICLE	IF	CITATIONS
1600	Increasing the reliability of data analysis of functional magnetic resonance imaging by applying a new blockwise permutation method. <i>Frontiers in Neuroinformatics</i> , 2014, 8, 72.	1.3	21
1601	Gender differences in the temporal voice areas. <i>Frontiers in Neuroscience</i> , 2014, 8, 228.	1.4	17
1602	A brain-computer interface for potential non-verbal facial communication based on EEG signals related to specific emotions. <i>Frontiers in Neuroscience</i> , 2014, 8, 244.	1.4	39
1603	Improving spatial localization in MEG inverse imaging by leveraging intersubject anatomical differences. <i>Frontiers in Neuroscience</i> , 2014, 8, 330.	1.4	15
1604	Mapping tonotopic organization in human temporal cortex: representational similarity analysis in EMEG source space. <i>Frontiers in Neuroscience</i> , 2014, 8, 368.	1.4	23
1605	Cortical Volume Alterations in Conduct Disordered Adolescents with and without Bipolar Disorder. <i>Journal of Clinical Medicine</i> , 2014, 3, 416-431.	1.0	10
1606	Diffusion Tensor Imaging. , 2014, , .		0
1607	Neural correlates of radial frequency trajectory perception in the human brain. <i>Journal of Vision</i> , 2014, 14, 11-11.	0.1	11
1608	Evidence for participation by object-selective visual cortex in scene category judgments. <i>Journal of Vision</i> , 2014, 14, 19-19.	0.1	15
1609	Detecting Glaucoma Progression From Localized Rates of Retinal Changes in Parametric and Nonparametric Statistical Framework With Type I Error Control. , 2014, 55, 1684.		3
1610	An independent SSVEP-based brain-computer interface in locked-in syndrome. <i>Journal of Neural Engineering</i> , 2014, 11, 035002.	1.8	99
1611	Pinpointing a Highly Specific Pathological Functional Connection That Turns Phantom Sound into Distress. <i>Cerebral Cortex</i> , 2014, 24, 2268-2282.	1.6	49
1612	Copy number deletion burden is associated with cognitive, structural, and resting-state network differences in patients with schizophrenia. <i>Behavioural Brain Research</i> , 2014, 272, 324-334.	1.2	14
1613	Quantitative assessment of rest and acetazolamide CBF using quantitative SPECT reconstruction and sequential administration of <sup>123</sup> I-iodoamphetamine: comparison among data acquired at three institutions. <i>Annals of Nuclear Medicine</i> , 2014, 28, 836-850.	1.2	12
1614	Tract-based spatial statistics of diffusion tensor imaging after corpus callosotomy in relation to seizure recurrence. <i>Child's Nervous System</i> , 2014, 30, 2043-2049.	0.6	3
1615	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
1616	Acuity-independent effects of visual deprivation on human visual cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E3120-8.	3.3	11
1617	Analysis of neural dynamics in mild cognitive impairment and Alzheimer's disease using wavelet turbulence. <i>Journal of Neural Engineering</i> , 2014, 11, 026010.	1.8	25

#	ARTICLE	IF	CITATIONS
1618	Forward and Inverse Problems of MEG/EEG. , 2014, , 1-8.		5
1619	The Representation of Order Information in Auditory-Verbal Short-Term Memory. <i>Journal of Neuroscience</i> , 2014, 34, 6879-6886.	1.7	48
1620	Lasting Impact of Regret and Gratification on Resting Brain Activity and Its Relation to Depressive Traits. <i>Journal of Neuroscience</i> , 2014, 34, 7825-7835.	1.7	29
1621	Representation of the Material Properties of Objects in the Visual Cortex of Nonhuman Primates. <i>Journal of Neuroscience</i> , 2014, 34, 2660-2673.	1.7	61
1622	A visual MRI atrophy rating scale for the amyotrophic lateral sclerosis-frontotemporal dementia continuum. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2014, 15, 226-234.	1.1	27
1623	Altered Interhemispheric and Temporal Lobe White Matter Microstructural Organization in Severe Chronic Schizophrenia. <i>Neuropsychopharmacology</i> , 2014, 39, 944-954.	2.8	68
1624	Brain Imaging Analysis. <i>Annual Review of Statistics and Its Application</i> , 2014, 1, 61-85.	4.1	40
1625	Colour or shape: examination of neural processes underlying mental flexibility in posttraumatic stress disorder. <i>Translational Psychiatry</i> , 2014, 4, e421-e421.	2.4	11
1626	Subcortical, Modality-Specific Pathways Contribute to Multisensory Processing in Humans. <i>Cerebral Cortex</i> , 2014, 24, 2169-2177.	1.6	45
1627	Abnormalities in White Matter Microstructure Associated with Chronic Ketamine Use. <i>Neuropsychopharmacology</i> , 2014, 39, 329-338.	2.8	50
1628	A Toolbox for Representational Similarity Analysis. <i>PLoS Computational Biology</i> , 2014, 10, e1003553.	1.5	715
1629	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
1630	A Neural Population Model Incorporating Dopaminergic Neurotransmission during Complex Voluntary Behaviors. <i>PLoS Computational Biology</i> , 2014, 10, e1003924.	1.5	7
1631	The specificity of action knowledge in sensory and motor systems. <i>Frontiers in Psychology</i> , 2014, 5, 494.	1.1	13
1632	Sex differences in the IQ-white matter microstructure relationship: A DTI study. <i>Brain and Cognition</i> , 2014, 91, 71-78.	0.8	62
1633	Structural and functional differences in medial prefrontal cortex underlie distractibility and suppression deficits in ageing. <i>Nature Communications</i> , 2014, 5, 4223.	5.8	63
1634	Haptic feedback to gaze events. , 2014, , .		7
1635	Predicting term-relevance from brain signals. , 2014, , .		61

#	ARTICLE	IF	CITATIONS
1636	Discrimination of cortical laminae using MEG. <i>NeuroImage</i> , 2014, 102, 885-893.	2.1	65
1637	Love to Win or Hate to Lose? Asymmetry of Dopamine D2 Receptor Binding Predicts Sensitivity to Reward versus Punishment. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 1039-1048.	1.1	53
1638	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
1639	Reproducibility of Functional Connectivity and Graph Measures Based on the Phase Lag Index (PLI) and Weighted Phase Lag Index (wPLI) Derived from High Resolution EEG. <i>PLoS ONE</i> , 2014, 9, e108648.	1.1	167
1640	Functional MRI: Genesis, State of the art and the Sequel. <i>Indian Journal of Radiology and Imaging</i> , 2014, 24, 6-12.	0.3	3
1641	Effect of <i>TMEM106B</i> Polymorphism on Functional Network Connectivity in Asymptomatic <i>GRN</i> Mutation Carriers. <i>JAMA Neurology</i> , 2014, 71, 216.	4.5	39
1642	Impaired corticopontocerebellar tracts underlie pseudobulbar affect in motor neuron disorders. <i>Neurology</i> , 2014, 83, 620-627.	1.5	53
1643	Diffuse Interstitial Brain Edema in Patients With End-Stage Renal Disease Undergoing Hemodialysis. <i>Medicine (United States)</i> , 2014, 93, e313.	0.4	38
1644	Reorganization of hippocampal functional connectivity with transition to chronic back pain. <i>Journal of Neurophysiology</i> , 2014, 111, 1065-1076.	0.9	140
1645	Cross-Subject Comparison of Local Diffusion MRI Parameters. , 2014, , 209-239.		3
1646	Hippocampal atrophy in people with memory deficits: results from the population-based IPREA study. <i>International Psychogeriatrics</i> , 2014, 26, 1067-1081.	0.6	19
1647	Reduced beta band connectivity during number estimation in autism. <i>NeuroImage: Clinical</i> , 2014, 6, 202-213.	1.4	32
1648	Altered White Matter Integrity in the Corpus Callosum in Fibromyalgia Patients Identified by Tract-Based Spatial Statistical Analysis. <i>Arthritis and Rheumatology</i> , 2014, 66, 3190-3199.	2.9	35
1649	Analysis of magnetoencephalography recordings from Alzheimer's disease patients using embedding entropies. , 2014, 2014, 702-5.		4
1650	Inter-individual differences in audio-motor learning of piano melodies and white matter fiber tract architecture. <i>Human Brain Mapping</i> , 2014, 35, 2483-2497.	1.9	43
1651	Study of medication-free children with Tourette syndrome do not show imaging abnormalities. <i>Movement Disorders</i> , 2014, 29, 1212-1216.	2.2	17
1652	Sustained brain activation supporting stop-signal task performance. <i>European Journal of Neuroscience</i> , 2014, 39, 1363-1369.	1.2	37
1653	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

#	ARTICLE	IF	CITATIONS
1654	Transcallosal connection patterns of opposite dorsal premotor regions support a lateralized specialization for action and perception. <i>European Journal of Neuroscience</i> , 2014, 40, 2980-2986.	1.2	6
1655	White matter microstructure correlates of mathematical giftedness and intelligence quotient. <i>Human Brain Mapping</i> , 2014, 35, 2619-2631.	1.9	144
1656	Intrinsically organized resting state networks in the human spinal cord. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 18067-18072.	3.3	93
1657	Early Supplementation of Phospholipids and Gangliosides Affects Brain and Cognitive Development in Neonatal Piglets. <i>Journal of Nutrition</i> , 2014, 144, 1903-1909.	1.3	88
1658	Cognitive and structural neuroimaging characteristics of schizophrenia patients with large, rare copy number deletions. <i>Psychiatry Research - Neuroimaging</i> , 2014, 224, 311-318.	0.9	4
1659	Symmetry of the fornix using diffusion tensor imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 40, 929-936.	1.9	6
1660	Increased resting state functional connectivity in the default mode network in recovered anorexia nervosa. <i>Human Brain Mapping</i> , 2014, 35, 483-491.	1.9	99
1661	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
1662	CA3 size predicts the precision of memory recall. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 10720-10725.	3.3	72
1663	Functional anatomy of subthalamic nucleus stimulation in Parkinson disease. <i>Annals of Neurology</i> , 2014, 76, 279-295.	2.8	106
1664	Functionally Dissociable Influences on Learning Rate in a Dynamic Environment. <i>Neuron</i> , 2014, 84, 870-881.	3.8	216
1665	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
1666	Functional Magnetic Resonance Imaging Processing. , 2014, , .		4
1667	MRI measures of corpus callosum iron and myelin in early Huntington's disease. <i>Human Brain Mapping</i> , 2014, 35, 3143-3151.	1.9	42
1668	White matter microstructure is influenced by extremely preterm birth and neonatal respiratory factors. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2014, 103, 48-56.	0.7	37
1669	A <sc>N</sc>euregulinâ€ schizophrenia susceptibility variant causes perihippocampal fiber tract anomalies in healthy young subjects. <i>Brain and Behavior</i> , 2014, 4, 215-226.	1.0	13
1670	Mild cognitive impairment in Parkinson's disease is associated with a distributed pattern of brain white matter damage. <i>Human Brain Mapping</i> , 2014, 35, 1921-1929.	1.9	134
1671	Octopus visual system: A functional MRI model for detecting neuronal electric currents without a bloodâ€oxygenâ€levelâ€dependent confound. <i>Magnetic Resonance in Medicine</i> , 2014, 72, 1311-1319.	1.9	14

#	ARTICLE	IF	CITATIONS
1672	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
1673	Aberrant Face and Gaze Habituation in Fragile X Syndrome. <i>American Journal of Psychiatry</i> , 2014, 171, 1099-1106.	4.0	43
1674	Multidimensional morphometric 3D MRI analyses for detecting brain abnormalities in children: Impact of control population. <i>Human Brain Mapping</i> , 2014, 35, 3199-3215.	1.9	10
1675	Disruption of structural and functional networks in long-standing multiple sclerosis. <i>Human Brain Mapping</i> , 2014, 35, 5946-5961.	1.9	79
1676	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
1677	Analysis of spontaneous MEG activity in mild cognitive impairment and Alzheimer's disease using Jensen's divergence. , 2014, 2014, 1501-4.		4
1678	Prognostic value of changes in resting-state functional connectivity patterns in cognitive recovery after stroke: A 3T fMRI pilot study. <i>Human Brain Mapping</i> , 2014, 35, 3819-3831.	1.9	53
1679	Structural abnormalities in the thalamus of migraineurs with aura: A multiparametric study at 3 T. <i>Human Brain Mapping</i> , 2014, 35, 1461-1468.	1.9	72
1680	Brain electrical source imaging in manic and depressive episodes of bipolar disorder. <i>Bipolar Disorders</i> , 2014, 16, 690-702.	1.1	11
1681	Surprisingly correct: Unexpectedness of observed actions activates the medial prefrontal cortex. <i>Human Brain Mapping</i> , 2014, 35, 1615-1629.	1.9	16
1682	Inhibitory saccadic dysfunction is associated with cerebellar injury in multiple sclerosis. <i>Human Brain Mapping</i> , 2014, 35, 2310-2319.	1.9	18
1683	The Effects of Individual Upper Alpha Neurofeedback in ADHD: An Open-Label Pilot Study. <i>Applied Psychophysiology Biofeedback</i> , 2014, 39, 193-202.	1.0	33
1684	Adverse childhood experiences influence white matter microstructure in patients with bipolar disorder. <i>Psychological Medicine</i> , 2014, 44, 3069-3082.	2.7	63
1685	The Dynamics of Proactive and Reactive Cognitive Control Processes in the Human Brain. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 1021-1038.	1.1	33
1686	Spatiotemporal Dissociation of Brain Activity Underlying Subjective Awareness, Objective Performance and Confidence. <i>Journal of Neuroscience</i> , 2014, 34, 4382-4395.	1.7	68
1687	Forceps minor damage and co-occurrence of depression and fatigue in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2014, 20, 1633-1640.	1.4	59
1688	Effects of insulin resistance on white matter microstructure in middle-aged and older adults. <i>Neurology</i> , 2014, 82, 1862-1870.	1.5	40
1689	Posterior brain damage and cognitive impairment in pediatric multiple sclerosis. <i>Neurology</i> , 2014, 82, 1314-1321.	1.5	56

#	ARTICLE	IF	CITATIONS
1690	Brain Signature of Chronic Orofacial Pain: A Systematic Review and Meta-Analysis on Neuroimaging Research of Trigeminal Neuropathic Pain and Temporomandibular Joint Disorders. PLoS ONE, 2014, 9, e94300.	1.1	80
1691	The influence of lumbar spinal drainage on diffusion parameters in patients with suspected normal pressure hydrocephalus using 3T MRI. Acta Radiologica, 2014, 55, 622-630.	0.5	11
1692	Global Association Between Cortical Thinning and White Matter Integrity Reduction in Schizophrenia. Schizophrenia Bulletin, 2014, 40, 420-427.	2.3	36
1693	Neural mechanisms of inhibitory control continue to mature in adolescence. Developmental Cognitive Neuroscience, 2014, 10, 129-139.	1.9	60
1694	Altered Microstructure Within Social-Cognitive Brain Networks During Childhood in Williams Syndrome. Cerebral Cortex, 2014, 24, 2796-2806.	1.6	35
1695	Mediodorsal and Visual Thalamic Connectivity Differ in Schizophrenia and Bipolar Disorder With and Without Psychosis History. Schizophrenia Bulletin, 2014, 40, 1227-1243.	2.3	84
1696	Network Organization Unfolds over Time during Periods of Anxious Anticipation. Journal of Neuroscience, 2014, 34, 11261-11273.	1.7	126
1697	Brain white matter integrity and association with age at onset in pediatric obsessive-compulsive disorder. Biology of Mood & Anxiety Disorders, 2014, 4, 13.	4.7	29
1698	Sexually Dimorphic White Matter Geometry Abnormalities in Adolescent Onset Schizophrenia. Cerebral Cortex, 2014, 24, 1389-1396.	1.6	33
1699	Increased temporo-insular engagement in unmedicated bipolar II disorder: an exploratory resting state study using independent component analysis. Bipolar Disorders, 2014, 16, 748-755.	1.1	50
1700	Episodic memory impairments in bipolar disorder are associated with functional and structural brain changes. Bipolar Disorders, 2014, 16, 830-845.	1.1	33
1701	Cross-sectional and longitudinal association of body mass index and brain volume. Human Brain Mapping, 2014, 35, 75-88.	1.9	106
1702	Altered resting-state activity in seasonal affective disorder. Human Brain Mapping, 2014, 35, 161-172.	1.9	30
1703	The (Eigen)value of diffusion tensor imaging to investigate depression after traumatic brain injury. Human Brain Mapping, 2014, 35, 227-237.	1.9	26
1704	Global and focal white matter integrity in breast cancer survivors 20 years after adjuvant chemotherapy. Human Brain Mapping, 2014, 35, 889-899.	1.9	98
1705	Cortical Thinning in Patients with Late-Life Minor Depression. American Journal of Geriatric Psychiatry, 2014, 22, 459-464.	0.6	10
1706	Attention-deficit/hyperactivity disorder without comorbidity is associated with distinct atypical patterns of cerebral microstructural development. Human Brain Mapping, 2014, 35, 2148-2162.	1.9	49
1707	The neural mechanisms underlying internally and externally guided task selection. NeuroImage, 2014, 84, 191-205.	2.1	39

#	ARTICLE	IF	CITATIONS
1708	Tinnitus-related dissociation between cortical and subcortical neural activity in humans with mild to moderate sensorineural hearing loss. <i>Hearing Research</i> , 2014, 312, 48-59.	0.9	86
1709	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
1710	White matter microstructure throughout the brain correlates with visual imagery in grapheme-color synesthesia. <i>NeuroImage</i> , 2014, 90, 52-59.	2.1	10
1711	Age-related variability in performance of a motor action selection task is related to differences in brain function and structure among older adults. <i>NeuroImage</i> , 2014, 86, 326-334.	2.1	33
1712	Effects of stimulus-driven and goal-directed attention on prepulse inhibition of the cortical responses to an auditory pulse. <i>Clinical Neurophysiology</i> , 2014, 125, 1576-1588.	0.7	16
1713	Switching auditory attention using spatial and non-spatial features recruits different cortical networks. <i>NeuroImage</i> , 2014, 84, 681-687.	2.1	36
1714	Fast and accurate modelling of longitudinal and repeated measures neuroimaging data. <i>NeuroImage</i> , 2014, 94, 287-302.	2.1	162
1715	Effects of study design in multi-scanner voxel-based morphometry studies. <i>NeuroImage</i> , 2014, 84, 133-140.	2.1	52
1716	Visuospatial working memory in very preterm and term born children—Impact of age and performance. <i>Developmental Cognitive Neuroscience</i> , 2014, 9, 106-116.	1.9	41
1717	Attention, predictive learning, and the inverse base-rate effect: Evidence from event-related potentials. <i>NeuroImage</i> , 2014, 87, 61-71.	2.1	16
1718	Temporospatial analysis of explicit and implicit processing of negative content during word comprehension. <i>Brain and Cognition</i> , 2014, 87, 109-121.	0.8	41
1719	Post-hoc power estimation for topological inference in fMRI. <i>NeuroImage</i> , 2014, 84, 45-64.	2.1	26
1720	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
1721	Characterizing individual differences in functional connectivity using dual-regression and seed-based approaches. <i>NeuroImage</i> , 2014, 95, 1-12.	2.1	105
1722	Epilepsy surgery outcome and functional network alterations in longitudinal MEG: A minimum spanning tree analysis. <i>NeuroImage</i> , 2014, 86, 354-363.	2.1	113
1723	Road work on memory lane—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
1724	A role for the precuneus in thought-action fusion: Evidence from participants with significant obsessive-compulsive symptoms. <i>NeuroImage: Clinical</i> , 2014, 4, 112-121.	1.4	31
1725	Changes in cerebro-cerebellar interaction during response inhibition after performance improvement. <i>NeuroImage</i> , 2014, 99, 142-148.	2.1	17



#	ARTICLE	IF	CITATIONS
1726	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
1727	An investigation of the white matter microstructure in motion detection using diffusion MRI. <i>Brain Research</i> , 2014, 1570, 35-42.	1.1	7
1728	The similarity structure of distributed neural responses reveals the multiple representations of letters. <i>NeuroImage</i> , 2014, 89, 331-344.	2.1	64
1729	Clinical and MRI correlates of disease progression in a case of nonfluent/agrammatic variant of primary progressive aphasia due to progranulin (GRN) Cys157LysfsX97 mutation. <i>Journal of the Neurological Sciences</i> , 2014, 342, 167-172.	0.3	20
1730	The spatiotemporal dynamics of early attention processes: A high-resolution electroencephalographic study of N2 subcomponent sources. <i>Neuroscience</i> , 2014, 271, 9-22.	1.1	34
1731	Permutation tests for between-unit fixed effects in multivariate generalized linear mixed models. <i>Statistics and Computing</i> , 2014, 24, 941-952.	0.8	10
1732	Pretreatment anterior cingulate activity predicts antidepressant treatment response in major depressive episodes. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2014, 264, 213-223.	1.8	25
1733	Hyperacusis-associated pathological resting-state brain oscillations in the tinnitus brain: a hyperresponsiveness network with paradoxically inactive auditory cortex. <i>Brain Structure and Function</i> , 2014, 219, 1113-1128.	1.2	52
1734	Cerebello-cerebral connectivity deficits in Friedreich ataxia. <i>Brain Structure and Function</i> , 2014, 219, 969-981.	1.2	44
1735	Phase transfer entropy: A novel phase-based measure for directed connectivity in networks coupled by oscillatory interactions. <i>NeuroImage</i> , 2014, 85, 853-872.	2.1	235
1736	Multivariate Tensor-Based Morphometry with a Right-Invariant Riemannian Distance on GL+(n). <i>Journal of Mathematical Imaging and Vision</i> , 2014, 50, 18-31.	0.8	10
1737	Shindigs, brunches, and rodeos: The neural basis of event words. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2014, 14, 891-901.	1.0	37
1738	Modification of EEG power spectra and EEG connectivity in autobiographical memory: a sLORETA study. <i>Cognitive Processing</i> , 2014, 15, 351-361.	0.7	27
1739	Precuneus Is a Functional Core of the Default-Mode Network. <i>Journal of Neuroscience</i> , 2014, 34, 932-940.	1.7	700
1740	Functional connectivity in major depression: Increased phase synchronization between frontal cortical EEG-source estimates. <i>Psychiatry Research - Neuroimaging</i> , 2014, 222, 91-99.	0.9	108
1741	Spectral and complexity analysis of scalp EEG characteristics for mild cognitive impairment and early Alzheimer's disease. <i>Computer Methods and Programs in Biomedicine</i> , 2014, 114, 153-163.	2.6	120
1742	White matter abnormalities in adolescents with generalized anxiety disorder: a diffusion tensor imaging study. <i>BMC Psychiatry</i> , 2014, 14, 41.	1.1	70
1743	MEG spectral analysis in subtypes of mild cognitive impairment. <i>Age</i> , 2014, 36, 9624.	3.0	38

#	ARTICLE	IF	CITATIONS
1744	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
1745	Cluster-extent based thresholding in fMRI analyses: Pitfalls and recommendations. <i>NeuroImage</i> , 2014, 91, 412-419.	2.1	1,059
1746	Searchlight-based multi-voxel pattern analysis of fMRI by cross-validated MANOVA. <i>NeuroImage</i> , 2014, 89, 345-357.	2.1	102
1747	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
1748	Resolving human object recognition in space and time. <i>Nature Neuroscience</i> , 2014, 17, 455-462.	7.1	654
1749	Self vs. other: Neural correlates underlying agent identification based on unimodal auditory information as revealed by electrotopography (sLORETA). <i>Neuroscience</i> , 2014, 259, 25-34.	1.1	24
1750	Right anterior temporal lobe dysfunction underlies theory of mind impairments in semantic dementia. <i>Brain</i> , 2014, 137, 1241-1253.	3.7	142
1751	Hepatic encephalopathy is associated with slowed and delayed stimulus-associated somatosensory alpha activity. <i>Clinical Neurophysiology</i> , 2014, 125, 2427-2435.	0.7	19
1752	EEG source imaging of brain states using spatiotemporal regression. <i>NeuroImage</i> , 2014, 96, 106-116.	2.1	47
1753	Functional brain network analysis using minimum spanning trees in Multiple Sclerosis: An MEG source-space study. <i>NeuroImage</i> , 2014, 88, 308-318.	2.1	126
1754	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
1755	Resting State Correlates of Subdimensions of Anxious Affect. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 914-926.	1.1	38
1756	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
1757	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
1758	Role of nucleus accumbens in neuropathic pain: Linked multi-scale evidence in the rat transitioning to neuropathic pain. <i>Pain</i> , 2014, 155, 1128-1139.	2.0	133
1759	Cognitive ability changes and dynamics of cortical thickness development in healthy children and adolescents. <i>NeuroImage</i> , 2014, 84, 810-819.	2.1	124
1760	Bayesian multi-task learning for decoding multi-subject neuroimaging data. <i>NeuroImage</i> , 2014, 92, 298-311.	2.1	49
1761	Differential effects of the ApoE4 genotype on brain structure and function. <i>NeuroImage</i> , 2014, 89, 81-91.	2.1	57

#	ARTICLE	IF	CITATIONS
1762	Cannabis Use Is Quantitatively Associated with Nucleus Accumbens and Amygdala Abnormalities in Young Adult Recreational Users. <i>Journal of Neuroscience</i> , 2014, 34, 5529-5538.	1.7	213
1763	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
1764	Dissociated $\beta$ -Band Modulations in the Dorsal and Ventral Visual Pathways in Visuospatial Attention and Perception. <i>Cerebral Cortex</i> , 2014, 24, 550-561.	1.6	112
1765	MNE software for processing MEG and EEG data. <i>NeuroImage</i> , 2014, 86, 446-460.	2.1	1,431
1766	Altered resting-state connectivity in Huntington's Disease. <i>Human Brain Mapping</i> , 2014, 35, 2582-2593.	1.9	82
1767	Incorporating spatial dependence into Bayesian multiple testing of statistical parametric maps in functional neuroimaging. <i>NeuroImage</i> , 2014, 84, 97-112.	2.1	17
1768	Mirrored Feedback in Chronic Stroke. <i>Neurorehabilitation and Neural Repair</i> , 2014, 28, 344-354.	1.4	50
1769	Spurious group differences due to head motion in a diffusion MRI study. <i>NeuroImage</i> , 2014, 88, 79-90.	2.1	455
1770	Prestimulus alpha power predicts fidelity of sensory encoding in perceptual decision making. <i>NeuroImage</i> , 2014, 87, 242-251.	2.1	50
1771	Resting state functional connectivity alterations in primary lateral sclerosis. <i>Neurobiology of Aging</i> , 2014, 35, 916-925.	1.5	41
1772	Sex differences in the structural connectome of the human brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 823-828.	3.3	925
1773	Improved mapping of interictal epileptiform discharges with $\text{EEG} \times \text{MRI}$ and voxel-wise functional connectivity analysis. <i>Epilepsia</i> , 2014, 55, 1380-1388.	2.6	10
1774	White Matter Microstructure in Individuals at Clinical High Risk of Psychosis: A Whole-Brain Diffusion Tensor Imaging Study. <i>Schizophrenia Bulletin</i> , 2014, 40, 895-903.	2.3	97
1775	Similarities between explicit and implicit motor imagery in mental rotation of hands: An EEG study. <i>Neuropsychologia</i> , 2014, 65, 197-210.	0.7	51
1776	Modulation of alpha power at encoding and retrieval tracks the precision of visual short-term memory. <i>Journal of Neurophysiology</i> , 2014, 112, 2939-2945.	0.9	16
1777	An eLORETA EEG analysis to spatially resolve real and imagined neuromotor control. , 2014, , .		0
1778	Discriminative Analysis of Brain Functional Connectivity Patterns for Mental Fatigue Classification. <i>Annals of Biomedical Engineering</i> , 2014, 42, 2084-2094.	1.3	53
1779	Temporal and spatial neural dynamics in the perception of basic emotions from complex scenes. <i>Social Cognitive and Affective Neuroscience</i> , 2014, 9, 1690-1703.	1.5	70

#	ARTICLE	IF	CITATIONS
1780	Comparison of statistical tests for group differences in brain functional networks. <i>NeuroImage</i> , 2014, 101, 681-694.	2.1	47
1781	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
1782	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
1783	Reversing pathologically increased EEG power by acoustic coordinated reset neuromodulation. <i>Human Brain Mapping</i> , 2014, 35, 2099-2118.	1.9	81
1784	Higher C-peptide levels are associated with regional cortical thinning in 1093 cognitively normal subjects. <i>European Journal of Neurology</i> , 2014, 21, 1318.	1.7	4
1785	Investigating brain community structure abnormalities in bipolar disorder using path length associated community estimation. <i>Human Brain Mapping</i> , 2014, 35, 2253-2264.	1.9	57
1786	Multivariate pattern analysis of DTI reveals differential white matter in individuals with obsessive-compulsive disorder. <i>Human Brain Mapping</i> , 2014, 35, 2643-2651.	1.9	77
1787	Voxel-Wise Co-analysis of Macro- and Microstructural Brain Alteration in Mild Cognitive Impairment and Alzheimer's Disease Using Anatomical and Diffusion MRI. <i>Journal of Neuroimaging</i> , 2014, 24, 435-443.	1.0	8
1788	Localizing evoked and induced responses to faces using magnetoencephalography. <i>European Journal of Neuroscience</i> , 2014, 39, 1517-1527.	1.2	18
1789	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
1790	Alterations in White Matter Structure in Young Children With Type 1 Diabetes. <i>Diabetes Care</i> , 2014, 37, 332-340.	4.3	142
1791	Regional but Not Global Brain Damage Contributes to Fatigue in Multiple Sclerosis. <i>Radiology</i> , 2014, 273, 511-520.	3.6	87
1792	Abnormal white matter integrity in long-term abstinent alcohol dependent patients. <i>Psychiatry Research - Neuroimaging</i> , 2014, 224, 42-48.	0.9	19
1793	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
1794	A Mathematical Framework for the Registration and Analysis of Multi-Fascicle Models for Population Studies of the Brain Microstructure. <i>IEEE Transactions on Medical Imaging</i> , 2014, 33, 504-517.	5.4	33
1795	Anatomical Connections of the Visual Word Form Area. <i>Journal of Neuroscience</i> , 2014, 34, 15402-15414.	1.7	181
1796	Permutation distributions of fMRI classification do not behave in accord with central limit theorem. , 2014, , .		0
1797	Medial Temporal Lobe Coding of Item and Spatial Information during Relational Binding in Working Memory. <i>Journal of Neuroscience</i> , 2014, 34, 14233-14242.	1.7	116

#	ARTICLE	IF	CITATIONS
1798	Spatiotemporal properties of auditory intensity processing in multisensor MEG. <i>NeuroImage</i> , 2014, 102, 465-473.	2.1	10
1799	Anchoring the neural compass: coding of local spatial reference frames in human medial parietal lobe. <i>Nature Neuroscience</i> , 2014, 17, 1598-1606.	7.1	229
1800	Maintenance of relational information in working memory leads to suppression of the sensory cortex. <i>Journal of Neurophysiology</i> , 2014, 112, 1903-1915.	0.9	17
1801	The Brain Network Underlying the Recognition of Hand Gestures in the Blind: The Supramodal Role of the Extrastriate Body Area. <i>Journal of Neuroscience</i> , 2014, 34, 10096-10108.	1.7	44
1802	A case of post-traumatic minimally conscious state reversed by midazolam: Clinical aspects and neurophysiological correlates. <i>Restorative Neurology and Neuroscience</i> , 2014, 32, 767-787.	0.4	17
1803	Characterization and Phylogenetic Analysis of Allergenic Tryp_alpha_amyl Protein Family in Plants. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 270-278.	2.4	4
1804	White matter integrity and late-life depression in community-dwelling individuals: diffusion tensor imaging study using tract-based spatial statistics. <i>British Journal of Psychiatry</i> , 2014, 205, 315-320.	1.7	45
1805	Top-down Modulation of Neural Activity in Anticipatory Visual Attention: Control Mechanisms Revealed by Simultaneous EEG-fMRI. <i>Cerebral Cortex</i> , 2016, 26, bhu204.	1.6	122
1806	Activity of P-Glycoprotein, a $\beta$ 2-Amyloid Transporter at the Blood-Brain Barrier, Is Compromised in Patients with Mild Alzheimer Disease. <i>Journal of Nuclear Medicine</i> , 2014, 55, 1106-1111.	2.8	156
1807	Insights from magnetic resonance imaging. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2014, 122, 115-149.	1.0	19
1808	Imaging proteomics for diagnosis, monitoring and prediction of Alzheimer's disease. <i>NeuroImage</i> , 2014, 102, 657-665.	2.1	22
1809	Aberrant EEG functional connectivity and EEG power spectra in resting state post-traumatic stress disorder: A sLORETA study. <i>Biological Psychology</i> , 2014, 102, 10-17.	1.1	81
1810	Preserved white matter in unmedicated pediatric bipolar disorder. <i>Neuroscience Letters</i> , 2014, 579, 41-45.	1.0	19
1812	Between Thought and Expression, a Magnetoencephalography Study of the "Tip-of-the-Tongue" Phenomenon. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 2210-2223.	1.1	8
1813	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
1814	The architecture of the chess player's brain. <i>Neuropsychologia</i> , 2014, 62, 152-162.	0.7	55
1815	Amygdala Connectivity Differs Among Chronic, Early Course, and Individuals at Risk for Developing Schizophrenia. <i>Schizophrenia Bulletin</i> , 2014, 40, 1105-1116.	2.3	67
1816	Diffusion tensor imaging and neurocognition in survivors of childhood acute lymphoblastic leukaemia. <i>Brain</i> , 2014, 137, 2973-2983.	3.7	85

#	ARTICLE	IF	CITATIONS
1817	Fiber tract associated with autistic traits in healthy adults. <i>Journal of Psychiatric Research</i> , 2014, 59, 117-124.	1.5	16
1818	Evaluation of subcortical grey matter abnormalities in patients with MRI-negative cortical epilepsy determined through structural and tensor magnetic resonance imaging. <i>BMC Neurology</i> , 2014, 14, 104.	0.8	21
1819	Unrecognized preclinical Alzheimer disease confounds rs-fcMRI studies of normal aging. <i>Neurology</i> , 2014, 83, 1613-1619.	1.5	51
1820	White Matter Changes in Patients with Friedreich Ataxia after Treatment with Erythropoietin. <i>Journal of Neuroimaging</i> , 2014, 24, 504-508.	1.0	23
1821	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
1822	Memories of attachment hamper EEG cortical connectivity in dissociative patients. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2014, 264, 449-458.	1.8	53
1823	Psychophysiological responses of artificial gravity exposure to humans. <i>European Journal of Applied Physiology</i> , 2014, 114, 2061-2071.	1.2	6
1824	Tract-based evaluation of white matter damage in individuals with early-treated phenylketonuria. <i>Journal of Inherited Metabolic Disease</i> , 2014, 37, 237-243.	1.7	31
1825	Event time analysis of longitudinal neuroimage data. <i>NeuroImage</i> , 2014, 97, 9-18.	2.1	28
1826	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
1827	Neural dysregulation during a working memory task in human immunodeficiency virus-seropositive and hepatitis C coinfecting individuals. <i>Journal of NeuroVirology</i> , 2014, 20, 398-411.	1.0	22
1828	Hockey Concussion Education Project, Part 2. Microstructural white matter alterations in acutely concussed ice hockey players: a longitudinal free-water MRI study. <i>Journal of Neurosurgery</i> , 2014, 120, 873-881.	0.9	86
1829	Plastic Changes Following Imitation-Based Speech and Language Therapy for Aphasia. <i>Neurorehabilitation and Neural Repair</i> , 2014, 28, 129-138.	1.4	59
1830	Patterns of Brain Structural Changes in First-Contact, Antipsychotic Drug-Naïve Patients with Schizophrenia. <i>American Journal of Neuroradiology</i> , 2014, 35, 30-37.	1.2	59
1831	Revisiting mu suppression in autism spectrum disorder. <i>Brain Research</i> , 2014, 1585, 108-119.	1.1	83
1832	Cortico-striatal-thalamic network functional connectivity in hemiparkinsonism. <i>Neurobiology of Aging</i> , 2014, 35, 2592-2602.	1.5	77
1833	Distinct perfusion patterns in Alzheimer's disease, frontotemporal dementia and dementia with Lewy bodies. <i>European Radiology</i> , 2014, 24, 2326-2333.	2.3	50
1834	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

#	ARTICLE	IF	CITATIONS
1835	White Matter Water Diffusion Changes in Primary Sjogren Syndrome. American Journal of Neuroradiology, 2014, 35, 680-685.	1.2	20
1836	Brain morphometry of Dravet Syndrome. Epilepsy Research, 2014, 108, 1326-1334.	0.8	13
1837	Resilience of developing brain networks to interictal epileptiform discharges is associated with cognitive outcome. Brain, 2014, 137, 2690-2702.	3.7	90
1838	Individual Differences in Inhibitory Control Relationship Between Baseline Activation in Lateral PFC and an Electrophysiological Index of Response Inhibition. Cerebral Cortex, 2014, 24, 2430-2435.	1.6	35
1839	Myeloid microvesicles in cerebrospinal fluid are associated with myelin damage and neuronal loss in mild cognitive impairment and Alzheimer disease. Annals of Neurology, 2014, 76, 813-825.	2.8	91
1840	Structural neuroimaging correlates of allelic variation of the BDNF val66met polymorphism. NeuroImage, 2014, 90, 280-289.	2.1	36
1841	Neurocognitive enhancement in older adults: Comparison of three cognitive training tasks to test a hypothesis of training transfer in brain connectivity. NeuroImage, 2014, 85, 1027-1039.	2.1	114
1842	Permutation inference for the general linear model. NeuroImage, 2014, 92, 381-397.	2.1	2,870
1843	Natural stimuli from three coherent modalities enhance behavioral responses and electrophysiological cortical activity in humans. International Journal of Psychophysiology, 2014, 93, 45-55.	0.5	24
1844	Frontal white matter integrity in adults with Down syndrome with and without dementia. Neurobiology of Aging, 2014, 35, 1562-1569.	1.5	72
1845	Progressive white matter changes following anterior temporal lobe resection for epilepsy. NeuroImage: Clinical, 2014, 4, 190-200.	1.4	37
1846	Frontal white matter alterations are associated with executive cognitive function in euthymic bipolar patients. Journal of Affective Disorders, 2014, 155, 223-233.	2.0	73
1847	Frontal-insula gray matter deficits in first-episode medication-naïve patients with major depressive disorder. Journal of Affective Disorders, 2014, 160, 74-79.	2.0	64
1848	Subthreshold muscle twitches dissociate oscillatory neural signatures of conflicts from errors. NeuroImage, 2014, 86, 503-513.	2.1	92
1849	A combined DTI and structural MRI study in medicated-naïve chronic schizophrenia. Magnetic Resonance Imaging, 2014, 32, 1-8.	1.0	45
1850	Targeting the Parahippocampal Area by Auditory Cortex Stimulation in Tinnitus. Brain Stimulation, 2014, 7, 709-717.	0.7	39
1851	Statistical analysis of high density diffuse optical tomography. NeuroImage, 2014, 85, 104-116.	2.1	55
1852	Polarity-specific effects of motor transcranial direct current stimulation on fMRI resting state networks. NeuroImage, 2014, 88, 155-161.	2.1	92

#	ARTICLE	IF	CITATIONS
1853	A tract-based spatial statistics study in anorexia nervosa: Abnormality in the fornix and the cerebellum. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 51, 72-77.	2.5	47
1854	Randomized parcellation based inference. <i>NeuroImage</i> , 2014, 89, 203-215.	2.1	13
1855	Pseudo-continuous arterial spin labeling MRI study of schizophrenic patients. <i>Schizophrenia Research</i> , 2014, 154, 113-118.	1.1	43
1856	EEG/fMRI contributions to our understanding of genetic generalized epilepsies. <i>Epilepsy and Behavior</i> , 2014, 34, 129-135.	0.9	23
1857	Cerebral white matter abnormalities and their associations with negative but not positive symptoms of schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2014, 222, 52-59.	0.9	39
1858	Connectomic Disturbances in Attention-Deficit/Hyperactivity Disorder: A Whole-Brain Tractography Analysis. <i>Biological Psychiatry</i> , 2014, 76, 656-663.	0.7	89
1859	Disrupted modular organization of resting-state cortical functional connectivity in U.S. military personnel following concussive "mild" blast-related traumatic brain injury. <i>NeuroImage</i> , 2014, 84, 76-96.	2.1	120
1860	Plausibility Tracking: A method to evaluate anatomical connectivity and microstructural properties along fiber pathways. <i>NeuroImage</i> , 2014, 90, 163-178.	2.1	28
1861	Language-general and -specific white matter microstructural bases for reading. <i>NeuroImage</i> , 2014, 98, 435-441.	2.1	29
1862	Source Imaging of P300 Visual Evoked Potentials and Cognitive Functions in Healthy Subjects. <i>Clinical EEG and Neuroscience</i> , 2014, 45, 262-268.	0.9	14
1863	Genetic influence of apolipoprotein E4 genotype on hippocampal morphometry: An $n = 725$ surface-based Alzheimer's disease neuroimaging initiative study. <i>Human Brain Mapping</i> , 2014, 35, 3903-3918.	1.9	62
1864	Involvement of the right hemisphere in reading comprehension: A DTI study. <i>Brain Research</i> , 2014, 1582, 34-44.	1.1	49
1865	White matter changes in preclinical Alzheimer's disease: a magnetic resonance imaging-diffusion tensor imaging study on cognitively normal older people with positive amyloid $\beta$ protein 42 levels. <i>Neurobiology of Aging</i> , 2014, 35, 2671-2680.	1.5	72
1866	Tumor associated seizures in glioblastomas are influenced by survival gene expression in a region-specific manner: A gene expression imaging study. <i>Epilepsy Research</i> , 2014, 108, 843-852.	0.8	15
1867	How familiarization and repetition modulate the picture naming network. <i>Brain and Language</i> , 2014, 133, 47-58.	0.8	25
1868	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
1869	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
1870	Age-related spatiotemporal reorganization during response inhibition. <i>International Journal of Psychophysiology</i> , 2014, 93, 371-380.	0.5	23



#	ARTICLE	IF	CITATIONS
1871	No significant brain volume decreases or increases in adults with high-functioning autism spectrum disorder and above average intelligence: A voxel-based morphometric study. <i>Psychiatry Research - Neuroimaging</i> , 2014, 223, 67-74.	0.9	24
1872	Task-dependent Activity and Connectivity Predict Episodic Memory Network-based Responses to Brain Stimulation in Healthy Aging. <i>Brain Stimulation</i> , 2014, 7, 287-296.	0.7	62
1873	Dissociable neural representations of wrist motor coordinate frames in human motor cortices. <i>NeuroImage</i> , 2014, 97, 53-61.	2.1	7
1874	CSF contamination contributes to apparent microstructural alterations in mild cognitive impairment. <i>NeuroImage</i> , 2014, 92, 27-35.	2.1	64
1875	Resting-state connectivity in the prodromal phase of schizophrenia: Insights from EEG microstates. <i>Schizophrenia Research</i> , 2014, 152, 513-520.	1.1	119
1876	Biased binomial assessment of cross-validated estimation of classification accuracies illustrated in diagnosis predictions. <i>NeuroImage: Clinical</i> , 2014, 4, 687-694.	1.4	112
1877	Ventromedialâ€œfrontopolar 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
1878	Imagine All the People: How the Brain Creates and Uses Personality Models to Predict Behavior. <i>Cerebral Cortex</i> , 2014, 24, 1979-1987.	1.6	181
1879	Intrahemispheric and interhemispheric structural network abnormalities in PLS and ALS. <i>Human Brain Mapping</i> , 2014, 35, 1710-1722.	1.9	76
1880	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
1881	Regional Reductions in Sleep Electroencephalography Power in Obstructive Sleep Apnea: A High-Density EEG Study. <i>Sleep</i> , 2014, 37, 399-407.	0.6	65
1882	Regularized 3D functional regression for brain image data via Haar wavelets. <i>Annals of Applied Statistics</i> , 2014, 8, 1045-1064.	0.5	25
1883	Measuring musical engagement using expressive movement and EEG brain dynamics.. <i>Psychomusicology: Music, Mind and Brain</i> , 2014, 24, 75-91.	1.1	8
1884	Spatial Bayesian Variable Selection Models on Functional Magnetic Resonance Imaging Time-Series Data. <i>Bayesian Analysis</i> , 2014, 9, 699-732.	1.6	31
1885	The effects of methylphenidate on whole brain intrinsic functional connectivity. <i>Human Brain Mapping</i> , 2014, 35, 5379-5388.	1.9	74
1886	Decreased limbic and increased frontoâ€œparietal connectivity in unmedicated patients with obsessiveâ€œcompulsive disorder. <i>Human Brain Mapping</i> , 2014, 35, 5617-5632.	1.9	98
1887	Impaired development of intrinsic connectivity networks in children with medically intractable localizationâ€œrelated epilepsy. <i>Human Brain Mapping</i> , 2014, 35, 5686-5700.	1.9	60
1888	A neuronal gamma oscillatory signature during morphological unification in the left occipitotemporal junction. <i>Human Brain Mapping</i> , 2014, 35, 5847-5860.	1.9	9

#	ARTICLE	IF	CITATIONS
1889	Emotional response inhibition in children with attention-deficit/hyperactivity disorder: neural and behavioural data. <i>Psychological Medicine</i> , 2015, 45, 2057-2071.	2.7	45
1890	ISDN2014_0117: Brain morphometry of Dravet Syndrome. <i>International Journal of Developmental Neuroscience</i> , 2015, 47, 33-33.	0.7	1
1891	Highly adaptive tests for group differences in brain functional connectivity. <i>NeuroImage: Clinical</i> , 2015, 9, 625-639.	1.4	18
1892	EEG resting state analysis of cortical sources in patients with benign epilepsy with centrotemporal spikes. <i>NeuroImage: Clinical</i> , 2015, 9, 275-282.	1.4	35
1893	White Matter Alterations in Infants at Risk for Developmental Dyslexia. <i>Cerebral Cortex</i> , 2017, 27, bhv281.	1.6	84
1894	Characterizing pinprick-evoked brain potentials before and after experimentally induced secondary hyperalgesia. <i>Journal of Neurophysiology</i> , 2015, 114, 2672-2681.	0.9	46
1895	The mechanism of neurofeedback training for treatment of central neuropathic pain in paraplegia: a pilot study. <i>BMC Neurology</i> , 2015, 15, 200.	0.8	48
1896	The neural correlates of subjectively perceived and passively matched loudness perception in auditory phantom perception. <i>Brain and Behavior</i> , 2015, 5, e00331.	1.0	52
1897	White matter microstructure in chronic moderate-to-severe traumatic brain injury: Impact of acute-phase injury-related variables and associations with outcome measures. <i>Journal of Neuroscience Research</i> , 2015, 93, 1109-1126.	1.3	45
1898	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
1899	Following the Spreading of Brain Structural Changes in Alzheimer's Disease: A Longitudinal, Multimodal MRI Study. <i>Journal of Alzheimer's Disease</i> , 2015, 47, 995-1007.	1.2	43
1900	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
1901	A Network Flow-based Analysis of Cognitive Reserve in Normal Ageing and Alzheimer's Disease. <i>Scientific Reports</i> , 2015, 5, 10057.	1.6	43
1902	Improving EEG-BCI analysis for low certainty subjects by using dictionary learning. , 2015, , .		1
1903	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
1904	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
1905	Automated and nonbiased regional quantification of functional neuroimaging data. <i>Medical Physics</i> , 2015, 42, 892-899.	1.6	0
1906	Brain Diffusion Changes in Emerging Psychosis and the Impact of State-Dependent Psychopathology. <i>NeuroSignals</i> , 2015, 23, 71-83.	0.5	26

#	ARTICLE	IF	CITATIONS
1907	Assessing brain structural associations with working memory related brain patterns in schizophrenia and healthy controls using linked independent component analysis. <i>NeuroImage: Clinical</i> , 2015, 9, 253-263.	1.4	16
1908	Auditory P3a and P3b neural generators in schizophrenia: An adaptive sLORETA P300 localization approach. <i>Schizophrenia Research</i> , 2015, 169, 318-325.	1.1	37
1909	Brain response during the M170 time interval is sensitive to socially relevant information. <i>Neuropsychologia</i> , 2015, 78, 18-28.	0.7	4
1910	Cerebellar white matter pathways are associated with reading skills in children and adolescents. <i>Human Brain Mapping</i> , 2015, 36, 1536-1553.	1.9	54
1911	Decreased activity with increased background network efficiency in amnesic <scp>MCI</scp> during a visuospatial working memory task. <i>Human Brain Mapping</i> , 2015, 36, 3387-3403.	1.9	22
1912	Statistical Instability of TBSS Analysis Based on DTI Fitting Algorithm. <i>Journal of Neuroimaging</i> , 2015, 25, 883-891.	1.0	23
1913	How Hearing Impairment Affects Sentence Comprehension: Using Eye Fixations to Investigate the Duration of Speech Processing. <i>Trends in Hearing</i> , 2015, 19, 233121651558414.	0.7	25
1914	Altered modulation of gamma oscillation frequency by speed of visual motion in children with autism spectrum disorders. <i>Journal of Neurodevelopmental Disorders</i> , 2015, 7, 21.	1.5	25
1915	Neurophysiological modulation of rapid emotional face processing is associated with impulsivity traits. <i>BMC Neuroscience</i> , 2015, 16, 87.	0.8	9
1916	Microstate connectivity alterations in patients with early Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2015, 7, 78.	3.0	38
1917	Genome-wide variant by serum urate interaction in Parkinson's disease. <i>Annals of Neurology</i> , 2015, 78, 731-741.	2.8	9
1918	Developmental evaluation of atypical auditory sampling in dyslexia: Functional and structural evidence. <i>Human Brain Mapping</i> , 2015, 36, 4986-5002.	1.9	77
1919	Brain structural and functional connectivity in <scp>P</scp>arkinson's disease with freezing of gait. <i>Human Brain Mapping</i> , 2015, 36, 5064-5078.	1.9	154
1920	The Multidimensional Aspects of Sleep Spindles and Their Relationship to Word-Pair Memory Consolidation. <i>Sleep</i> , 2015, 38, 1093-1103.	0.6	76
1921	Resting-state oscillatory dynamics in sensorimotor cortex in benign epilepsy with centrotemporal spikes and typical brain development. <i>Human Brain Mapping</i> , 2015, 36, 3935-3949.	1.9	27
1922	Lower cognitive performance and white matter changes in testicular cancer survivors 10 years after chemotherapy. <i>Human Brain Mapping</i> , 2015, 36, 4638-4647.	1.9	53
1923	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
1924	A correlation-based method for extracting subject-specific components and artifacts from group-fMRI data. <i>European Journal of Neuroscience</i> , 2015, 42, 2726-2741.	1.2	7

#	ARTICLE	IF	CITATIONS
1925	Working memory in preterm-born adults: Load-dependent compensatory activity of the posterior default mode network. <i>Human Brain Mapping</i> , 2015, 36, 1121-1137.	1.9	39
1926	Differential patterns of functional and structural plasticity within and between inferior frontal gyri support training-induced improvements in inhibitory control proficiency. <i>Human Brain Mapping</i> , 2015, 36, 2527-2543.	1.9	57
1927	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
1928	The effect of beta-amyloid on face processing in young and old adults: A multivariate analysis of the BOLD signal. <i>Human Brain Mapping</i> , 2015, 36, 2514-2526.	1.9	25
1929	APOE $\epsilon$ 4 constrains engagement of encoding-related compensatory networks in amnesic mild cognitive impairment. <i>Hippocampus</i> , 2015, 25, 993-1007.	0.9	10
1930	White Matter Hyperintensities and Mild Cognitive Impairment in Parkinson's Disease. <i>Journal of Neuroimaging</i> , 2015, 25, 754-760.	1.0	38
1931	We make predictions about eye of origin of visual input: Visual mismatch negativity from binocular rivalry. <i>Journal of Vision</i> , 2015, 15, 9.	0.1	10
1932	Decoding tactile afferent activity to obtain an estimate of instantaneous force and torque applied to the fingerpad. <i>Journal of Neurophysiology</i> , 2015, 114, 474-484.	0.9	16
1933	Functional magnetic resonance imaging adaptation reveals a noncategorical representation of hue in early visual cortex. <i>Journal of Vision</i> , 2015, 15, 18.	0.1	22
1934	Discrimination of Mild Cognitive Impairment and Alzheimer's Disease Using Transfer Entropy Measures of Scalp EEG. <i>Journal of Healthcare Engineering</i> , 2015, 6, 55-70.	1.1	32
1935	Capturing the temporal evolution of choice across prefrontal cortex. <i>ELife</i> , 2015, 4, .	2.8	70
1936	Causal manipulation of functional connectivity in a specific neural pathway during behaviour and at rest. <i>ELife</i> , 2015, 4, .	2.8	55
1937	Interacting Memory Systems—Does EEG Alpha Activity Respond to Semantic Long-Term Memory Access in a Working Memory Task?. <i>Biology</i> , 2015, 4, 1-16.	1.3	32
1938	Caffeine Consuming Children and Adolescents Show Altered Sleep Behavior and Deep Sleep. <i>Brain Sciences</i> , 2015, 5, 441-455.	1.1	34
1939	Consolidation in older adults depends upon competition between resting-state networks. <i>Frontiers in Aging Neuroscience</i> , 2015, 6, 344.	1.7	15
1940	Terra incognita—cerebellar contributions to neuropsychiatric and cognitive dysfunction in behavioral variant frontotemporal dementia. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 121.	1.7	23
1941	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
1942	Self-regulation of circumscribed brain activity modulates spatially selective and frequency specific connectivity of distributed resting state networks. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 181.	1.0	44

#	ARTICLE	IF	CITATIONS
1943	Neural representation of three-dimensional acoustic space in the human temporal lobe. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 203.	1.0	8
1944	Evaluating the effect of aging on interference resolution with time-varying complex networks analysis. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 255.	1.0	21
1945	Functional networks and structural connectivity of visuospatial and visuoperceptual working memory. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 340.	1.0	25
1946	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
1947	Decoding illusory self-location from activity in the human hippocampus. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 412.	1.0	22
1948	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
1949	Brain state-dependent robotic reaching movement with a multi-joint arm exoskeleton: combining brain-machine interfacing and robotic rehabilitation. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 564.	1.0	62
1950	Licensing Novel Role-Governed Categories: An ERP Analysis. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 633.	1.0	1
1951	The Decoding Toolbox (TDT): a versatile software package for multivariate analyses of functional imaging data. <i>Frontiers in Neuroinformatics</i> , 2014, 8, 88.	1.3	310
1952	On tests of activation map dimensionality for fMRI-based studies of learning. <i>Frontiers in Neuroscience</i> , 2015, 9, 85.	1.4	1
1953	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
1954	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
1955	Detecting the subtle shape differences in hemodynamic responses at the group level. <i>Frontiers in Neuroscience</i> , 2015, 9, 375.	1.4	42
1956	Effectiveness of music therapy as an aid to neurorestoration of children with severe neurological disorders. <i>Frontiers in Neuroscience</i> , 2015, 9, 427.	1.4	29
1957	Hippocampal subfield and medial temporal cortical persistent activity during working memory reflects ongoing encoding. <i>Frontiers in Systems Neuroscience</i> , 2015, 9, 30.	1.2	20
1958	Spatial selectivity in the temporoparietal junction, inferior frontal sulcus, and inferior parietal lobule. <i>Journal of Vision</i> , 2015, 15, 15.	0.1	8
1959	Structural Brain Changes after Traditional and Robot-Assisted Multi-Domain Cognitive Training in Community-Dwelling Healthy Elderly. <i>PLoS ONE</i> , 2015, 10, e0123251.	1.1	83
1960	Dysfunctional Noise Cancelling of the Rostral Anterior Cingulate Cortex in Tinnitus Patients. <i>PLoS ONE</i> , 2015, 10, e0123538.	1.1	47

#	ARTICLE	IF	CITATIONS
1961	The Functional Connectome of Speech Control. <i>PLoS Biology</i> , 2015, 13, e1002209.	2.6	82
1962	Pain Modulation in Waking and Hypnosis in Women: Event-Related Potentials and Sources of Cortical Activity. <i>PLoS ONE</i> , 2015, 10, e0128474.	1.1	15
1963	Explore the Functional Connectivity between Brain Regions during a Chemistry Working Memory Task. <i>PLoS ONE</i> , 2015, 10, e0129019.	1.1	14
1964	Dissociable Behavioral, Physiological and Neural Effects of Acute Glucose and Fructose Ingestion: A Pilot Study. <i>PLoS ONE</i> , 2015, 10, e0130280.	1.1	36
1965	Impaired Early Attentional Processes in Parkinson's Disease: A High-Resolution Event-Related Potentials Study. <i>PLoS ONE</i> , 2015, 10, e0131654.	1.1	9
1966	Brain Abnormalities in Congenital Fibrosis of the Extraocular Muscles Type 1: A Multimodal MRI Imaging Study. <i>PLoS ONE</i> , 2015, 10, e0133473.	1.1	3
1967	Decreased and Increased Anisotropy along Major Cerebral White Matter Tracts in Preterm Children and Adolescents. <i>PLoS ONE</i> , 2015, 10, e0142860.	1.1	47
1968	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
1969	Resting state MEG oscillations show long-range temporal correlations of phase synchrony that break down during finger movement. <i>Frontiers in Physiology</i> , 2015, 6, 183.	1.3	22
1970	Neural correlates of an early attentional capture by positive distractor words. <i>Frontiers in Psychology</i> , 2015, 6, 24.	1.1	19
1971	The neural substrates of response inhibition to negative information across explicit and implicit tasks in GAD patients: electrophysiological evidence from an ERP study. <i>Frontiers in Psychology</i> , 2015, 6, 275.	1.1	9
1972	Neurobiological response to EMDR therapy in clients with different psychological traumas. <i>Frontiers in Psychology</i> , 2015, 6, 1614.	1.1	25
1973	EEG can Track the Time Course of Successful Reference Resolution in Small Visual Worlds. <i>Frontiers in Psychology</i> , 2015, 6, 1787.	1.1	6
1974	Impulsivity is Associated with Early Sensory Inhibition in Neurophysiological Processing of Affective Sounds. <i>Frontiers in Psychiatry</i> , 2015, 6, 141.	1.3	2
1975	Attentional Load Effects on Beta Oscillations in Healthy and Schizophrenic Individuals. <i>Frontiers in Psychiatry</i> , 2015, 6, 149.	1.3	9
1976	Effects of Different Types of Cognitive Training on Cognitive Function, Brain Structure, and Driving Safety in Senior Daily Drivers: A Pilot Study. <i>Behavioural Neurology</i> , 2015, 2015, 1-18.	1.1	28
1977	Neuroplastic Effects of Combined Computerized Physical and Cognitive Training in Elderly Individuals at Risk for Dementia: An eLORETA Controlled Study on Resting States. <i>Neural Plasticity</i> , 2015, 2015, 1-12.	1.0	70
1978	Diagnostic Prediction for Social Anxiety Disorder via Multivariate Pattern Analysis of the Regional Homogeneity. <i>BioMed Research International</i> , 2015, 2015, 1-9.	0.9	17

#	ARTICLE	IF	CITATIONS
1979	Changes in background electroencephalography and regional cerebral glucose metabolism in focal epilepsy patients after 1-month administration of levetiracetam. <i>Neuropsychiatric Disease and Treatment</i> , 2015, 11, 215.	1.0	3
1980	Effects of acute levodopa challenge on resting cerebral blood flow in Parkinson's Disease patients assessed using pseudo-continuous arterial spin labeling. <i>PeerJ</i> , 2015, 3, e1381.	0.9	23
1981	Sleep Spindles Are Related to Schizotypal Personality Traits and Thalamic Glutamine/Glutamate in Healthy Subjects. <i>Schizophrenia Bulletin</i> , 2015, 41, 522-531.	2.3	33
1982	Functional Connectivity Changes and Executive and Social Problems in Neurofibromatosis Type I. <i>Brain Connectivity</i> , 2015, 5, 312-320.	0.8	41
1983	Cortical Activity Predicts Which Older Adults Recognize Speech in Noise and When. <i>Journal of Neuroscience</i> , 2015, 35, 3929-3937.	1.7	86
1984	Overcoming the effects of false positives and threshold bias in graph theoretical analyses of neuroimaging data. <i>NeuroImage</i> , 2015, 118, 313-333.	2.1	131
1985	Temporal and spatial organization of gait-related electrocortical potentials. <i>Neuroscience Letters</i> , 2015, 599, 75-80.	1.0	22
1986	<i>CDKN2A</i> promoter hypermethylation is neuroprotective. <i>Neurology</i> , 2015, 84, 1622-1630.	1.5	66
1987	Increased Resting-State Gamma-Band Connectivity in First-Episode Schizophrenia. <i>Schizophrenia Bulletin</i> , 2015, 41, 930-939.	2.3	108
1988	Genetic variation in the <i>G72</i> gene is associated with increased frontotemporal fiber tract integrity. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2015, 265, 291-301.	1.8	5
1989	Interhemispheric microstructural connectivity in bitemporal lobe epilepsy with hippocampal sclerosis. <i>Cortex</i> , 2015, 67, 106-121.	1.1	33
1990	Gestalt perception is associated with reduced parietal beta oscillations. <i>NeuroImage</i> , 2015, 112, 61-69.	2.1	25
1991	Functional Consequences of Neurite Orientation Dispersion and Density in Humans across the Adult Lifespan. <i>Journal of Neuroscience</i> , 2015, 35, 1753-1762.	1.7	120
1992	Multimodal functional and structural neuroimaging investigation of major depressive disorder following treatment with duloxetine. <i>BMC Psychiatry</i> , 2015, 15, 82.	1.1	71
1993	Dissociable effects of local inhibitory and excitatory theta-burst stimulation on large-scale brain dynamics. <i>Journal of Neurophysiology</i> , 2015, 113, 3375-3385.	0.9	62
1994	White Matter Degeneration in Atypical Alzheimer Disease. <i>Radiology</i> , 2015, 277, 162-172.	3.6	55
1995	Physical Exercise Keeps the Brain Connected: Biking Increases White Matter Integrity in Patients With Schizophrenia and Healthy Controls. <i>Schizophrenia Bulletin</i> , 2015, 41, 869-878.	2.3	96
1996	Detecting Statistically Significant Differences in Quantitative MRI Experiments, Applied to Diffusion Tensor Imaging. <i>IEEE Transactions on Medical Imaging</i> , 2015, 34, 1164-1176.	5.4	26

#	ARTICLE	IF	CITATIONS
1997	Maladaptive Neural Synchrony in Tinnitus: Origin and Restoration. <i>Frontiers in Neurology</i> , 2015, 6, 29.	1.1	107
1998	MVPA Permutation Schemes: Permutation Testing for the Group Level. , 2015, , .		15
1999	Event-related brain potential signaling unexpected timing of feedback: A source localization analysis. , 2015, 2015, 618-21.		4
2000	Multimodal EEG Recordings, Psychometrics and Behavioural Analysis. <i>Neuropsychobiology</i> , 2015, 72, 206-218.	0.9	1
2001	MEG Adaptation Resolves the Spatiotemporal Characteristics of Face-Sensitive Brain Responses. <i>Journal of Neuroscience</i> , 2015, 35, 15088-15096.	1.7	15
2002	Irregular Speech Rate Dissociates Auditory Cortical Entrainment, Evoked Responses, and Frontal Alpha. <i>Journal of Neuroscience</i> , 2015, 35, 14691-14701.	1.7	128
2003	Structural Organization of the Corpus Callosum Predicts Attentional Shifts after Continuous Theta Burst Stimulation. <i>Journal of Neuroscience</i> , 2015, 35, 15353-15368.	1.7	45
2004	Magnetoencephalography to investigate central perception of exercise-induced breathlessness in people with chronic lung disease: a feasibility pilot. <i>BMJ Open</i> , 2015, 5, e007535-e007535.	0.8	24
2005	Impaired Functional Connectivity Unmasked by Simple Repetitive Motor Task in Early Relapsing-Remitting Multiple Sclerosis. <i>Neurorehabilitation and Neural Repair</i> , 2015, 29, 557-565.	1.4	9
2006	Distinct Cortical Pathways for Music and Speech Revealed by Hypothesis-Free Voxel Decomposition. <i>Neuron</i> , 2015, 88, 1281-1296.	3.8	305
2007	The "social" and "interpersonal" body in spatial cognition. The role of agency and interagency. <i>Cognitive Processing</i> , 2015, 16, 193-196.	0.7	5
2008	Testing necessary regional frontal contributions to value assessment and fixation-based updating. <i>Nature Communications</i> , 2015, 6, 10120.	5.8	47
2009	Functional subregions of the human entorhinal cortex. <i>ELife</i> , 2015, 4, .	2.8	190
2010	White matter microstructure abnormalities in pediatric migraine patients. <i>Cephalalgia</i> , 2015, 35, 1278-1286.	1.8	42
2011	Thalamic involvement in paroxysmal kinesigenic dyskinesia: A combined structural and diffusion tensor MRI analysis. <i>Human Brain Mapping</i> , 2015, 36, 1429-1441.	1.9	27
2012	Resting-state theta-band connectivity and verbal memory in schizophrenia and in the high-risk state. <i>Schizophrenia Research</i> , 2015, 161, 299-307.	1.1	63
2013	Context-sensitivity of the feedback-related negativity for zero-value feedback outcomes. <i>Biological Psychology</i> , 2015, 104, 184-192.	1.1	54
2014	Ketamine interactions with biomarkers of stress: A randomized placebo-controlled repeated measures resting-state fMRI and PCASL pilot study in healthy men. <i>NeuroImage</i> , 2015, 108, 396-409.	2.1	46



#	ARTICLE	IF	CITATIONS
2015	Structural gray matter abnormalities in migraine relate to headache lateralization, but not aura. <i>Cephalalgia</i> , 2015, 35, 3-9.	1.8	30
2016	Early-Course Unmedicated Schizophrenia Patients Exhibit Elevated Prefrontal Connectivity Associated with Longitudinal Change. <i>Journal of Neuroscience</i> , 2015, 35, 267-286.	1.7	153
2017	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
2018	Dissociated stimulus and response conflict effect in the Stroop task: Evidence from evoked brain potentials and brain oscillations. <i>Biological Psychology</i> , 2015, 104, 130-138.	1.1	26
2019	Neural correlates of planning performance in patients with schizophrenia – Relationship with apathy. <i>Schizophrenia Research</i> , 2015, 161, 367-375.	1.1	44
2020	Aging and large-scale functional networks: White matter integrity, gray matter volume, and functional connectivity in the resting state. <i>Neuroscience</i> , 2015, 290, 369-378.	1.1	101
2021	A temporo-spatial analysis of the neural correlates of extrinsic perceptual grouping in vision. <i>Neuropsychologia</i> , 2015, 69, 118-129.	0.7	8
2022	Magnetoencephalographic evidence of early right hemisphere overactivation during metaphor comprehension in schizophrenia. <i>Psychophysiology</i> , 2015, 52, 770-781.	1.2	21
2023	Closed-loop training of attention with real-time brain imaging. <i>Nature Neuroscience</i> , 2015, 18, 470-475.	7.1	254
2024	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
2025	Increased in vivo glial activation in patients with amyotrophic lateral sclerosis: Assessed with [11C]-PBR28. <i>NeuroImage: Clinical</i> , 2015, 7, 409-414.	1.4	176
2026	Cerebro-cerebellar connectivity is increased in primary lateral sclerosis. <i>NeuroImage: Clinical</i> , 2015, 7, 288-296.	1.4	38
2027	Spontaneous activity in the waiting brain: A marker of impulsive choice in attention-deficit/hyperactivity disorder?. <i>Developmental Cognitive Neuroscience</i> , 2015, 12, 114-122.	1.9	19
2028	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
2029	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
2030	Longitudinal assessment of global and regional atrophy rates in Alzheimer's disease and dementia with Lewy bodies. <i>NeuroImage: Clinical</i> , 2015, 7, 456-462.	1.4	44
2031	Hereditary Spastic Paraplegia: Beyond Clinical Phenotypes toward a Unified Pattern of Central Nervous System Damage. <i>Radiology</i> , 2015, 276, 207-218.	3.6	32
2032	The effects of puberty on white matter development in boys. <i>Developmental Cognitive Neuroscience</i> , 2015, 11, 116-128.	1.9	59

#	ARTICLE	IF	CITATIONS
2033	Right Arcuate Fasciculus Abnormality in Chronic Fatigue Syndrome. <i>Radiology</i> , 2015, 274, 517-526.	3.6	60
2034	Stuck in default mode: inefficient cross-frequency synchronization may lead to age-related short-term memory decline. <i>Neurobiology of Aging</i> , 2015, 36, 1611-1618.	1.5	27
2035	Impulse control in the dorsolateral prefrontal cortex counteracts post-diet weight regain in obesity. <i>NeuroImage</i> , 2015, 109, 318-327.	2.1	92
2036	Evidence for brain glial activation in chronic pain patients. <i>Brain</i> , 2015, 138, 604-615.	3.7	372
2037	Anterior and posterior MTL networks in aging and MCI. <i>Neurobiology of Aging</i> , 2015, 36, S141-S150.e1.	1.5	44
2038	Submillisecond unmasked subliminal visual stimuli evoke electrical brain responses. <i>Human Brain Mapping</i> , 2015, 36, 1470-1483.	1.9	12
2039	Distinct Midbrain and Habenula Pathways Are Involved in Processing Aversive Events in Humans. <i>Journal of Neuroscience</i> , 2015, 35, 198-208.	1.7	88
2040	The Role of Phase-locking to the Temporal Envelope of Speech in Auditory Perception and Speech Intelligibility. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 533-545.	1.1	67
2041	Dissociable spatial and non-spatial attentional deficits after circumscribed thalamic stroke. <i>Cortex</i> , 2015, 64, 327-342.	1.1	17
2042	Bluetooth Communication Interface for EEG Signal Recording in Hyperbaric Chambers. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2015, 23, 538-547.	2.7	7
2043	The Neuroanatomical Correlates of Training-Related Perceptuo-Reflex Uncoupling in Dancers. <i>Cerebral Cortex</i> , 2015, 25, 554-562.	1.6	78
2044	Exceeding chance level by chance: The caveat of theoretical chance levels in brain signal classification and statistical assessment of decoding accuracy. <i>Journal of Neuroscience Methods</i> , 2015, 250, 126-136.	1.3	497
2045	Deafferentation in thalamic and pontine areas in severe traumatic brain injury. <i>Journal of Neuroradiology</i> , 2015, 42, 202-211.	0.6	14
2046	Neuroanatomical Characteristics Associated With Response to Dorsal Anterior Cingulotomy for Obsessive-Compulsive Disorder. <i>JAMA Psychiatry</i> , 2015, 72, 127.	6.0	45
2047	Stability of auditory event-related potentials in coma research. <i>Journal of Neurology</i> , 2015, 262, 307-315.	1.8	20
2048	Inter-individual and intra-individual variation of the effects of pulsed RF EMF exposure on the human sleep EEG. <i>Bioelectromagnetics</i> , 2015, 36, 169-177.	0.9	27
2049	Functional connectivity during rested wakefulness predicts vulnerability to sleep deprivation. <i>NeuroImage</i> , 2015, 111, 147-158.	2.1	230
2050	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

#	ARTICLE	IF	CITATIONS
2051	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
2052	Reduced fractional anisotropy in the anterior corpus callosum is associated with reduced speech fluency in persistent developmental stuttering. <i>Brain and Language</i> , 2015, 143, 20-31.	0.8	33
2053	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
2054	Resting-State Functional Connectivity of Antero-Medial Prefrontal Cortex Sub-Regions in Major Depression and Relationship to Emotional Intelligence. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, .	1.0	23
2055	Cerebellar and cortical abnormalities in paediatric opsoclonus-â€myoclonus syndrome. <i>Developmental Medicine and Child Neurology</i> , 2015, 57, 265-272.	1.1	28
2056	Tract Profiles of the Cerebellar White Matter Pathways in Children and Adolescents. <i>Cerebellum</i> , 2015, 14, 613-623.	1.4	27
2057	White matter alterations are associated with suicide attempt in patients with panic disorder. <i>Journal of Affective Disorders</i> , 2015, 175, 139-146.	2.0	55
2058	Contextual Alignment of Cognitive and Neural Dynamics. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 655-664.	1.1	54
2059	Aberrant Functional Connectivity in the Default Mode and Central Executive Networks in Subjects with Schizophrenia -â€ A Whole-Brain Resting-State ICA Study. <i>Frontiers in Psychiatry</i> , 2015, 6, 26.	1.3	51
2060	Increased visual gamma power in schizoaffective bipolar disorder. <i>Psychological Medicine</i> , 2015, 45, 783-794.	2.7	16
2061	Differences in muscle activity patterns and graphical product quality in children copying and tracing activities on horizontal or vertical surfaces. <i>Journal of Electromyography and Kinesiology</i> , 2015, 25, 540-547.	0.7	9
2062	Evaluation of multiple comparison correction procedures in drug assessment studies using LORETA maps. <i>Medical and Biological Engineering and Computing</i> , 2015, 53, 1011-1023.	1.6	11
2063	Audio-â€visual integration through the parallel visual pathways. <i>Brain Research</i> , 2015, 1624, 71-77.	1.1	10
2064	Fast and powerful heritability inference for family-based neuroimaging studies. <i>NeuroImage</i> , 2015, 115, 256-268.	2.1	33
2065	White matter differences between multiple system atrophy (parkinsonian type) and Parkinsonâ€™s disease: A diffusion tensor image study. <i>Neuroscience</i> , 2015, 305, 109-116.	1.1	30
2066	Early postnatal respiratory viral infection induces structural and neurochemical changes in the neonatal piglet brain. <i>Brain, Behavior, and Immunity</i> , 2015, 48, 326-335.	2.0	6
2067	Left dominance for language perception starts in the extrastriate cortex: An ERP and sLORETA study. <i>Behavioural Brain Research</i> , 2015, 291, 325-333.	1.2	14
2068	Estimating the sample size required to detect an arterial spin labelling magnetic resonance imaging perfusion abnormality in voxel-wise group analyses. <i>Journal of Neuroscience Methods</i> , 2015, 245, 169-177.	1.3	9

#	ARTICLE	IF	CITATIONS
2069	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
2070	Neuroanatomical Markers of Social Hierarchy Recognition in Humans: A Combined ERP/MRI Study. <i>Journal of Neuroscience</i> , 2015, 35, 10843-10850.	1.7	32
2071	The gray matter alterations in major depressive disorder and panic disorder: Putative differences in the pathogenesis. <i>Journal of Affective Disorders</i> , 2015, 186, 1-6.	2.0	50
2072	Causal involvement of visual area MT in global feature-based enhancement but not contingent attentional capture. <i>NeuroImage</i> , 2015, 118, 90-102.	2.1	5
2073	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
2074	The contribution of pre-stimulus neural oscillatory activity to spontaneous response time variability. <i>NeuroImage</i> , 2015, 107, 34-45.	2.1	43
2075	Cross-validation and hypothesis testing in neuroimaging: An irenic comment on the exchange between Friston and Lindquist et al.. <i>NeuroImage</i> , 2015, 116, 248-254.	2.1	9
2076	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
2077	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
2078	Longitudinal regional brain volume loss in schizophrenia: Relationship to antipsychotic medication and change in social function. <i>Schizophrenia Research</i> , 2015, 168, 297-304.	1.1	56
2079	Cortico-limbic network abnormalities in individuals with current and past major depressive disorder. <i>Journal of Affective Disorders</i> , 2015, 173, 45-52.	2.0	42
2080	Cortical and subcortical contributions to sequence retrieval: Schematic coding of temporal context in the neocortical recollection network. <i>NeuroImage</i> , 2015, 121, 78-90.	2.1	61
2081	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
2082	Psychopathic traits in adolescents are associated with higher structural connectivity. <i>Psychiatry Research - Neuroimaging</i> , 2015, 233, 474-480.	0.9	33
2083	Psilocybin-induced spiritual experiences and insightfulness are associated with synchronization of neuronal oscillations. <i>Psychopharmacology</i> , 2015, 232, 3663-3676.	1.5	110
2084	Superficial white matter as a novel substrate of age-related cognitive decline. <i>Neurobiology of Aging</i> , 2015, 36, 2094-2106.	1.5	65
2085	Cortical structural abnormalities in very preterm children at 7years of age. <i>NeuroImage</i> , 2015, 109, 469-479.	2.1	74
2086	A jackknife approach to quantifying single-trial correlation between covariance-based metrics undefined on a single-trial basis. <i>NeuroImage</i> , 2015, 114, 57-70.	2.1	47

#	ARTICLE	IF	CITATIONS
2087	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
2088	Edge-Centered DTI Connectivity Analysis: Application to Schizophrenia. <i>Neuroinformatics</i> , 2015, 13, 501-509.	1.5	5
2089	Dynamic brain architectures in local brain activity and functional network efficiency associate with efficient reading in bilinguals. <i>NeuroImage</i> , 2015, 119, 103-118.	2.1	30
2090	Optimal Target Region for Subject Classification on the Basis of Amyloid PET Images. <i>Journal of Nuclear Medicine</i> , 2015, 56, 1351-1358.	2.8	17
2091	Interpreting support vector machine models for multivariate group wise analysis in neuroimaging. <i>Medical Image Analysis</i> , 2015, 24, 190-204.	7.0	57
2092	Encoding-Stage Crosstalk Between Object- and Spatial Property-Based Scene Processing Pathways. <i>Cerebral Cortex</i> , 2015, 25, 2267-2281.	1.6	16
2093	Speech networks at rest and in action: interactions between functional brain networks controlling speech production. <i>Journal of Neurophysiology</i> , 2015, 113, 2967-2978.	0.9	60
2094	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
2097	Topographic deficits in alpha-range resting EEG activity and steady state visual evoked responses in schizophrenia. <i>Schizophrenia Research</i> , 2015, 168, 145-152.	1.1	37
2098	Structural Connectivity Networks of Transgender People. <i>Cerebral Cortex</i> , 2015, 25, 3527-3534.	1.6	66
2099	Connectivity-based fixel enhancement: Whole-brain statistical analysis of diffusion MRI measures in the presence of crossing fibres. <i>NeuroImage</i> , 2015, 117, 40-55.	2.1	276
2100	Effect of rTMS on brain activation in schizophrenia with negative symptoms: A proof-of-principle study. <i>Schizophrenia Research</i> , 2015, 168, 475-482.	1.1	25
2101	Stroke and Neurodegeneration Induce Different Connectivity Aberrations in the Insula. <i>Stroke</i> , 2015, 46, 2673-2677.	1.0	38
2102	Cortical activities of heat-sensitization responses in suspended moxibustion: an EEG source analysis with sLORETA. <i>Cognitive Neurodynamics</i> , 2015, 9, 581-588.	2.3	4
2103	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
2104	Military blast exposure, ageing and white matter integrity. <i>Brain</i> , 2015, 138, 2278-2292.	3.7	73
2105	Direct behavioral and neural evidence for an offset-triggered conscious perception. <i>Cortex</i> , 2015, 65, 159-172.	1.1	5
2106	Effects of oral temazepam on sleep spindles during non-rapid eye movement sleep: A high-density EEG investigation. <i>European Neuropsychopharmacology</i> , 2015, 25, 1600-1610.	0.3	27

#	ARTICLE	IF	CITATIONS
2107	Spectral power and functional connectivity changes during mindfulness meditation with eyes open: A magnetoencephalography (MEG) study in long-term meditators. <i>International Journal of Psychophysiology</i> , 2015, 98, 95-111.	0.5	24
2108	A Primer on Pattern-Based Approaches to fMRI: Principles, Pitfalls, and Perspectives. <i>Neuron</i> , 2015, 87, 257-270.	3.8	366
2109	Aberrant functional connectivity of resting state networks associated with trait anxiety. <i>Psychiatry Research - Neuroimaging</i> , 2015, 234, 25-34.	0.9	63
2110	Plasticity of the human visual system after retinal gene therapy in patients with Leber's congenital amaurosis. <i>Science Translational Medicine</i> , 2015, 7, 296ra110.	5.8	51
2111	Delayed Development of Brain Connectivity in Adolescents With Schizophrenia and Their Unaffected Siblings. <i>JAMA Psychiatry</i> , 2015, 72, 900.	6.0	80
2112	Aging reduces experience-induced sensorimotor plasticity. A magnetoencephalographic study. <i>NeuroImage</i> , 2015, 104, 59-68.	2.1	44
2113	Dedifferentiation of emotion regulation strategies in the aging brain. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 840-847.	1.5	14
2114	Mapping pathological changes in brain structure by combining T1- and T2-weighted MR imaging data. <i>Neuroradiology</i> , 2015, 57, 917-928.	1.1	48
2115	Analysis of Cortical Shape in Children with Simplex Autism. <i>Cerebral Cortex</i> , 2015, 25, 1042-1051.	1.6	44
2116	Exercise intensity modulates the change in cerebral blood flow following aerobic exercise in chronic stroke. <i>Experimental Brain Research</i> , 2015, 233, 2467-2475.	0.7	27
2117	Tensor-Based Morphometry. , 2015, , 383-394.		2
2118	Tract-Based Spatial Statistics and Other Approaches for Cross-Subject Comparison of Local Diffusion MRI Parameters. , 2015, , 437-464.		2
2119	Topological Inference. , 2015, , 495-500.		8
2120	Crossvalidation. , 2015, , 635-639.		6
2121	Differential Adaptation of Descending Motor Tracts in Musicians. <i>Cerebral Cortex</i> , 2015, 25, 1490-1498.	1.6	54
2122	Cortical kinematic processing of executed and observed goal-directed hand actions. <i>NeuroImage</i> , 2015, 119, 221-228.	2.1	26
2123	Zero- vs. one-dimensional, parametric vs. non-parametric, and confidence interval vs. hypothesis testing procedures in one-dimensional biomechanical trajectory analysis. <i>Journal of Biomechanics</i> , 2015, 48, 1277-1285.	0.9	232
2124	Empathic control through coordinated interaction of amygdala, theory of mind and extended pain matrix brain regions. <i>NeuroImage</i> , 2015, 114, 105-119.	2.1	52

#	ARTICLE	IF	CITATIONS
2125	Behavioral Oscillation in Priming: Competing Perceptual Predictions Conveyed in Alternating Theta-Band Rhythms. <i>Journal of Neuroscience</i> , 2015, 35, 2830-2837.	1.7	64
2126	Semantic deficits in amyotrophic lateral sclerosis. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2015, 16, 46-53.	1.1	38
2127	MEG analysis of neural dynamics in attention-deficit/hyperactivity disorder with fuzzy entropy. <i>Medical Engineering and Physics</i> , 2015, 37, 416-423.	0.8	21
2128	Electromagnetic fields and EEG spiking rate in patients with focal epilepsy. <i>Clinical Neurophysiology</i> , 2015, 126, 659-666.	0.7	13
2129	Multimodal prediction of conversion to Alzheimer's disease based on incomplete biomarkers. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2015, 1, 206-215.	1.2	58
2130	Distributed abnormalities of brain white matter architecture in patients with dominant optic atrophy and OPA1 mutations. <i>Journal of Neurology</i> , 2015, 262, 1216-1227.	1.8	5
2131	Modification of EEG functional connectivity and EEG power spectra in overweight and obese patients with food addiction: An eLORETA study. <i>Brain Imaging and Behavior</i> , 2015, 9, 703-716.	1.1	54
2132	Right is not always wrong: DTI and fMRI evidence for the reliance of reading comprehension on language-comprehension networks in the right hemisphere. <i>Brain Imaging and Behavior</i> , 2015, 9, 19-31.	1.1	34
2133	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
2134	Ventral Anterior Cingulate Connectivity Distinguished Nonpsychotic Bipolar Illness From Psychotic Bipolar Disorder and Schizophrenia. <i>Schizophrenia Bulletin</i> , 2015, 41, 133-143.	2.3	73
2135	Lack of Evidence for Regional Brain Volume or Cortical Thickness Abnormalities in Youths at Clinical High Risk for Psychosis: Findings From the Longitudinal Youth at Risk Study: Table 1.. <i>Schizophrenia Bulletin</i> , 2015, 41, 1285-1293.	2.3	51
2136	Local Increase of Sleep Slow Wave Activity after Three Weeks of Working Memory Training in Children and Adolescents. <i>Sleep</i> , 2015, 38, 607-614.	0.6	49
2137	Anatomically related gray and white matter alterations in the brains of functional dyspepsia patients. <i>Neurogastroenterology and Motility</i> , 2015, 27, 856-864.	1.6	12
2138	Multimodal MRI and cognitive function in patients with breast cancer prior to adjuvant treatment: The role of fatigue. <i>NeuroImage: Clinical</i> , 2015, 7, 547-554.	1.4	104
2139	Do I know you? Examining face and object memory in frontotemporal dementia. <i>Neuropsychologia</i> , 2015, 71, 101-111.	0.7	31
2140	Multimodal neuroimaging based classification of autism spectrum disorder using anatomical, neurochemical, and white matter correlates. <i>Cortex</i> , 2015, 66, 46-59.	1.1	113
2141	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
2142	Visual-motor deficits relate to altered gray and white matter in young adults born preterm with very low birth weight. <i>NeuroImage</i> , 2015, 109, 493-504.	2.1	53

#	ARTICLE	IF	CITATIONS
2143	Specialization and integration of functional thalamocortical connectivity in the human infant. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 6485-6490.	3.3	130
2144	Conflict monitoring and adjustment in the task-switching paradigm under different memory load conditions. NeuroReport, 2015, 26, 124-130.	0.6	10
2145	The intention to conceal activates the right prefrontal cortex. NeuroReport, 2015, 26, 223-227.	0.6	7
2146	Occipital Cortex of Blind Individuals Is Functionally Coupled with Executive Control Areas of Frontal Cortex. Journal of Cognitive Neuroscience, 2015, 27, 1633-1647.	1.1	32
2147	A rapid event-related potential (ERP) method for point-of-care evaluation of brain function: Development of the Halifax Consciousness Scanner. Journal of Neuroscience Methods, 2015, 245, 64-72.	1.3	26
2148	Cerebral white matter integrity during primary HIV infection. Aids, 2015, 29, 433-442.	1.0	59
2149	Brain white matter microstructure in deficit and non-deficit subtypes of schizophrenia. Psychiatry Research - Neuroimaging, 2015, 231, 252-261.	0.9	32
2150	Why do we make mistakes? Neurocognitive processes during the preparationâ€“perceptionâ€“action cycle and error-detection. NeuroImage, 2015, 113, 320-328.	2.1	39
2151	Widespread white matter tract aberrations in youth with familial risk for bipolar disorder. Psychiatry Research - Neuroimaging, 2015, 232, 184-192.	0.9	35
2152	High and low gamma EEG oscillations in central sensorimotor areas are conversely modulated during the human gait cycle. NeuroImage, 2015, 112, 318-326.	2.1	158
2153	Stress-Related Functional Connectivity Changes Between Auditory Cortex and Cingulate in Tinnitus. Brain Connectivity, 2015, 5, 371-383.	0.8	31
2154	Medial prefrontal cortical activity reflects dynamic re-evaluation during voluntary persistence. Nature Neuroscience, 2015, 18, 760-766.	7.1	72
2155	Schizophreniaâ€“like topological changes in the structural connectome of individuals with subclinical psychotic experiences. Human Brain Mapping, 2015, 36, 2629-2643.	1.9	66
2156	Lost in spatial translation â€“ A novel tool to objectively assess spatial disorientation in Alzheimer's disease and frontotemporal dementia. Cortex, 2015, 67, 83-94.	1.1	138
2157	Immediate cerebral metabolic changes induced by discontinuation of deep brain stimulation of subcallosal cingulate gyrus in treatment-resistant depression. Journal of Affective Disorders, 2015, 173, 159-162.	2.0	20
2158	Can visual information encoded in cortical columns be decoded from magnetoencephalography data in humans?. NeuroImage, 2015, 121, 193-204.	2.1	80
2159	Alterations of EEG functional connectivity in resting state obese and overweight patients with binge eating disorder: A preliminary report. Neuroscience Letters, 2015, 607, 120-124.	1.0	13
2160	Relevant feature set estimation with a knock-out strategy and random forests. NeuroImage, 2015, 122, 131-148.	2.1	20



#	ARTICLE	IF	CITATIONS
2161	Involvement of cortico-subcortical circuits in normoacoustic chronic tinnitus: A source localization EEG study. <i>Clinical Neurophysiology</i> , 2015, 126, 2356-2365.	0.7	29
2162	Subjective Effects of Ethanol, Morphine, $\delta^9$ -Tetrahydrocannabinol, and Ketamine Following a Pharmacological Challenge Are Related to Functional Brain Connectivity. <i>Brain Connectivity</i> , 2015, 5, 641-648.	0.8	13
2163	Perceptual Salience and Reward Both Influence Feedback-Related Neural Activity Arising from Choice. <i>Journal of Neuroscience</i> , 2015, 35, 13064-13075.	1.7	9
2164	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
2165	Asymmetry in cross-hippocampal connectivity in unilateral mesial temporal lobe epilepsy. <i>Epilepsy Research</i> , 2015, 118, 14-21.	0.8	11
2166	Functional MRI: Approaches to Cognitive Neuroscience Applications. <i>Biological Magnetic Resonance</i> , 2015, , 523-555.	0.4	1
2167	Effect of movement rate on corticokinematic coherence. <i>Neurophysiologie Clinique</i> , 2015, 45, 469-474.	1.0	17
2168	Cerebellar activity in young people with familial risk for psychosis â€” The Oulu Brain and Mind Study. <i>Schizophrenia Research</i> , 2015, 169, 46-53.	1.1	7
2169	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
2170	Spinal Cordâ€™Midbrain Functional Connectivity Is Related to Perceived Pain Intensity: A Combined Spino-Cortical fMRI Study. <i>Journal of Neuroscience</i> , 2015, 35, 4248-4257.	1.7	74
2171	Abnormal white matter properties in adolescent girls with anorexia nervosa. <i>NeuroImage: Clinical</i> , 2015, 9, 648-659.	1.4	48
2172	Increased functional connectivity in the resting-state basal ganglia network after acute heroin substitution. <i>Translational Psychiatry</i> , 2015, 5, e533-e533.	2.4	41
2173	Utility of event-related potentials in predicting antidepressant treatment response: An iSPOT-D report. <i>European Neuropsychopharmacology</i> , 2015, 25, 1981-1990.	0.3	37
2174	A T1 and DTI fused 3D corpus callosum analysis in pre- vs. post-season contact sports players. <i>Proceedings of SPIE</i> , 2015, 9287, .	0.8	11
2175	Asymmetric Interhemispheric Transfer in the Auditory Network: Evidence from TMS, Resting-State fMRI, and Diffusion Imaging. <i>Journal of Neuroscience</i> , 2015, 35, 14602-14611.	1.7	82
2176	Functional Magnetic Resonance Imaging Methods. <i>Neuropsychology Review</i> , 2015, 25, 289-313.	2.5	118
2177	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
2178	White matter microstructural changes in pure Alzheimer's disease and subcortical vascular dementia. <i>European Journal of Neurology</i> , 2015, 22, 709-716.	1.7	34

#	ARTICLE	IF	CITATIONS
2179	Hippocampal Surface Deformation Accuracy in T1-weighted Volumetric MRI Sequences in Subjects with Epilepsy. <i>Journal of Neuroimaging</i> , 2015, 25, 452-459.	1.0	6
2180	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
2181	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
2182	Alterations of Functional Connectivity Among Resting-state Networks in Hypothyroidism. <i>Journal of Neuroendocrinology</i> , 2015, 27, 609-615.	1.2	17
2183	Ventromedial Frontal Cortex Is Critical for Guiding Attention to Reward-Predictive Visual Features in Humans. <i>Journal of Neuroscience</i> , 2015, 35, 12813-12823.	1.7	31
2184	Developmental white matter microstructure in autism phenotype and corresponding endophenotype during adolescence. <i>Translational Psychiatry</i> , 2015, 5, e529-e529.	2.4	21
2185	Neural mechanisms supporting maladaptive food choices in anorexia nervosa. <i>Nature Neuroscience</i> , 2015, 18, 1571-1573.	7.1	158
2186	Individual Variability of the System-Level Organization of the Human Brain. <i>Cerebral Cortex</i> , 2017, 27, bhv239.	1.6	166
2187	Impact of sleep loss before learning on cortical dynamics during memory retrieval. <i>NeuroImage</i> , 2015, 123, 51-62.	2.1	12
2188	Neuromyelitis optica spectrum disorder and multiple sclerosis: Differentiation by a multimodal approach. <i>Multiple Sclerosis and Related Disorders</i> , 2015, 4, 515-520.	0.9	10
2189	Evidence that Subanesthetic Doses of Ketamine Cause Sustained Disruptions of NMDA and AMPA-Mediated Frontoparietal Connectivity in Humans. <i>Journal of Neuroscience</i> , 2015, 35, 11694-11706.	1.7	202
2190	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
2191	Detection of condition-based changes in cross-frequency coupling with MEG. , 2015, , .		1
2192	Hunter-Gatherer Color Naming Provides New Insight into the Evolution of Color Terms. <i>Current Biology</i> , 2015, 25, 2441-2446.	1.8	54
2193	Alterations of source and connectivity EEG patterns under simulated deep-SEA condition. , 2015, , .		4
2194	Regional Cerebral Arterial Transit Time Hemodynamics Correlate with Vascular Risk Factors and Cognitive Function in Men with Coronary Artery Disease. <i>American Journal of Neuroradiology</i> , 2015, 36, 295-301.	1.2	21
2195	Sex differences in neurophysiological responses are modulated by attentional aspects of impulse control. <i>Brain and Cognition</i> , 2015, 100, 49-59.	0.8	16
2196	Temporal dynamics and potential neural sources of goal conduciveness, control, and power appraisal. <i>Biological Psychology</i> , 2015, 112, 77-93.	1.1	11

#	ARTICLE	IF	CITATIONS
2197	Sleep variability in adolescence is associated with altered brain development. <i>Developmental Cognitive Neuroscience</i> , 2015, 14, 16-22.	1.9	116
2198	The relation of structural integrity and task-related functional connectivity in the aging brain. <i>Neurobiology of Aging</i> , 2015, 36, 2830-2837.	1.5	21
2199	Suspected non-AD pathology in mild cognitive impairment. <i>Neurobiology of Aging</i> , 2015, 36, 3152-3162.	1.5	63
2200	Multi-level block permutation. <i>NeuroImage</i> , 2015, 123, 253-268.	2.1	212
2201	Functional role of induced gamma oscillatory responses in processing noxious and innocuous sensory events in humans. <i>Neuroscience</i> , 2015, 310, 389-400.	1.1	19
2202	White matter integrity in small vessel disease is related to cognition. <i>NeuroImage: Clinical</i> , 2015, 7, 518-524.	1.4	143
2203	Adverse childhood experiences influence white matter microstructure in patients with schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2015, 234, 35-43.	0.9	32
2204	A novel method for device-related electroencephalography artifact suppression to explore cochlear implant-related cortical changes in single-sided deafness. <i>Journal of Neuroscience Methods</i> , 2015, 255, 22-28.	1.3	14
2205	Exposing asymmetric gray matter vulnerability in amyotrophic lateral sclerosis. <i>NeuroImage: Clinical</i> , 2015, 7, 782-787.	1.4	24
2206	Outside Looking In: Landmark Generalization in the Human Navigational System. <i>Journal of Neuroscience</i> , 2015, 35, 14896-14908.	1.7	111
2207	Alpha-to-Gamma Phase-Amplitude Coupling Methods and Application to Autism Spectrum Disorder. <i>Brain Connectivity</i> , 2015, 5, 80-90.	0.8	48
2208	Differences between magnetoencephalographic (MEG) spectral profiles of drugs acting on GABA at synaptic and extrasynaptic sites: A study in healthy volunteers. <i>Neuropharmacology</i> , 2015, 88, 155-163.	2.0	34
2209	Heterogeneity of Structural Brain Changes in Subtypes of Schizophrenia Revealed Using Magnetic Resonance Imaging Pattern Analysis. <i>Schizophrenia Bulletin</i> , 2015, 41, 74-84.	2.3	72
2210	Detecting Causality from Nonlinear Dynamics with Short-term Time Series. <i>Scientific Reports</i> , 2014, 4, 7464.	1.6	73
2211	Testing Group Differences in Brain Functional Connectivity: Using Correlations or Partial Correlations?. <i>Brain Connectivity</i> , 2015, 5, 214-231.	0.8	19
2212	Prolonged exposure to high and variable phenylalanine levels over the lifetime predicts brain white matter integrity in children with phenylketonuria. <i>Molecular Genetics and Metabolism</i> , 2015, 114, 19-24.	0.5	39
2213	Focal demyelinating damage and neighboring white matter integrity: an optic neuritis study. <i>Multiple Sclerosis Journal</i> , 2015, 21, 562-571.	1.4	25
2214	Occipital cortical thickness in very low birth weight born adolescents predicts altered neural specialization of visual semantic category related neural networks. <i>Neuropsychologia</i> , 2015, 67, 41-54.	0.7	5

#	ARTICLE	IF	CITATIONS
2215	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
2216	Separability of abstract-category and specific-exemplar visual object subsystems: Evidence from fMRI pattern analysis. <i>Brain and Cognition</i> , 2015, 93, 54-63.	0.8	17
2217	A Goal Direction Signal in the Human Entorhinal/Subicular Region. <i>Current Biology</i> , 2015, 25, 87-92.	1.8	114
2218	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
2219	The effect of isocapnic hyperoxia on neurophysiology as measured with MRI and MEG. <i>NeuroImage</i> , 2015, 105, 323-331.	2.1	16
2220	Data-analytical stability of cluster-wise and peak-wise inference in fMRI data analysis. <i>Journal of Neuroscience Methods</i> , 2015, 240, 37-47.	1.3	7
2221	Reduced frontal white matter volume in children with early onset of adrenarche. <i>Psychoneuroendocrinology</i> , 2015, 52, 111-118.	1.3	23
2222	Attention deficit/hyperactivity disorder and medication with stimulants in young children: A DTI study. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2015, 57, 176-184.	2.5	33
2223	Neurophysiological correlates of eye movement desensitization and reprocessing sessions: preliminary evidence for traumatic memories integration. <i>Clinical Physiology and Functional Imaging</i> , 2015, 35, 460-468.	0.5	14
2224	COMT genotype affects brain white matter pathways in attention-deficit/hyperactivity disorder. <i>Human Brain Mapping</i> , 2015, 36, 367-377.	1.9	37
2225	Zazen meditation and no-task resting EEG compared with LORETA intracortical source localization. <i>Cognitive Processing</i> , 2015, 16, 87-96.	0.7	35
2226	Disrupted brain anatomical connectivity in medication-naïve patients with first-episode schizophrenia. <i>Brain Structure and Function</i> , 2015, 220, 1145-1159.	1.2	79
2227	COMT Genetic Reduction Produces Sexually Divergent Effects on Cortical Anatomy and Working Memory in Mice and Humans. <i>Cerebral Cortex</i> , 2015, 25, 2529-2541.	1.6	57
2228	Long-term intensive training induced brain structural changes in world class gymnasts. <i>Brain Structure and Function</i> , 2015, 220, 625-644.	1.2	61
2229	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
2230	Onset-related differences in neural substrates of tinnitus-related distress: the anterior cingulate cortex in late-onset tinnitus, and the frontal cortex in early-onset tinnitus. <i>Brain Structure and Function</i> , 2015, 220, 571-584.	1.2	59
2231	Reduced white matter integrity and cognitive deficits in maintenance hemodialysis ESRD patients: A diffusion-tensor study. <i>European Radiology</i> , 2015, 25, 661-668.	2.3	55
2232	He Who Is Well Prepared Has Half Won The Battle: An fMRI Study of Task Preparation. <i>Cerebral Cortex</i> , 2015, 25, 726-735.	1.6	18

#	ARTICLE	IF	CITATIONS
2233	A cortical source localization analysis of resting EEG data after remifentanyl infusion. <i>Clinical Neurophysiology</i> , 2015, 126, 898-905.	0.7	10
2234	Event-Related Potential, Time-frequency, and Functional Connectivity Facets of Local and Global Auditory Novelty Processing: An Intracranial Study in Humans. <i>Cerebral Cortex</i> , 2015, 25, 4203-4212.	1.6	90
2235	Damage to left frontal regulatory circuits produces greater positive emotional reactivity in frontotemporal dementia. <i>Cortex</i> , 2015, 64, 55-67.	1.1	52
2236	Neural Correlates of Perceived Confidence in a Partial Report Paradigm. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 1090-1103.	1.1	18
2237	Delayed and disorganised brain activation detected with magnetoencephalography after mild traumatic brain injury. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2015, 86, 1008-1015.	0.9	30
2238	Longitudinal resting state fMRI analysis in healthy controls and premanifest Huntington's disease gene carriers: A three-year follow-up study. <i>Human Brain Mapping</i> , 2015, 36, 110-119.	1.9	33
2239	Memory traces of long-range coordinated oscillations in the sleeping human brain. <i>Human Brain Mapping</i> , 2015, 36, 67-84.	1.9	16
2240	Parkinson's disease and local atrophy in subcortical nuclei: insight from shape analysis. <i>Neurobiology of Aging</i> , 2015, 36, 424-433.	1.5	81
2241	Spatial and temporal functional connectivity changes between resting and attentive states. <i>Human Brain Mapping</i> , 2015, 36, 549-565.	1.9	52
2242	Connectome and Maturation Profiles of the Developing Mouse Brain Using Diffusion Tensor Imaging. <i>Cerebral Cortex</i> , 2015, 25, 2696-2706.	1.6	18
2243	Dependence aliasing and the control of family-wise error rate in multiple hypothesis testing. <i>Statistics and Computing</i> , 2015, 25, 669-681.	0.8	3
2244	Neurotoxicity in breast cancer survivors 10 years post-treatment is dependent on treatment type. <i>Brain Imaging and Behavior</i> , 2015, 9, 275-284.	1.1	69
2245	Alterations in Resting-State Brain Networks in Concussed Adolescent Athletes. <i>Journal of Neurotrauma</i> , 2015, 32, 265-271.	1.7	83
2246	Studying ventricular abnormalities in mild cognitive impairment with hyperbolic Ricci flow and tensor-based morphometry. <i>NeuroImage</i> , 2015, 104, 1-20.	2.1	42
2247	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
2248	Detecting Functional Hubs of Ictogenic Networks. <i>Brain Topography</i> , 2015, 28, 305-317.	0.8	49
2249	Thalamic alterations in preterm neonates and their relation to ventral striatum disturbances revealed by a combined shape and pose analysis. <i>Brain Structure and Function</i> , 2016, 221, 487-506.	1.2	28
2250	White matter alterations related to attention-deficit hyperactivity disorder and COMT val158met polymorphism: children with valine homozygote attention-deficit hyperactivity disorder have altered white matter connectivity in the right cingulum (cingulate gyrus). <i>Neuropsychiatric Disease and Treatment</i> , 2016, 12, 969.	1.0	14

#	ARTICLE	IF	CITATIONS
2251	The visual gamma response to faces reflects the presence of sensory evidence and not awareness of the stimulus. <i>Royal Society Open Science</i> , 2016, 3, 150593.	1.1	5
2252	Altered Effective Connectivity of Hippocampus-Dependent Episodic Memory Network in mTBI Survivors. <i>Neural Plasticity</i> , 2016, 2016, 1-12.	1.0	19
2253	Functional Integration between Salience and Central Executive Networks: A Role for Action Video Game Experience. <i>Neural Plasticity</i> , 2016, 2016, 1-9.	1.0	53
2254	Evaluation of Second-Level Inference in fMRI Analysis. <i>Computational Intelligence and Neuroscience</i> , 2016, 2016, 1-22.	1.1	6
2255	Fundamentals of Functional Neuroimaging. , 0, , 41-73.		3
2256	Age-Related Modifications of Diffusion Tensor Imaging Parameters and White Matter Hyperintensities as Inter-Dependent Processes. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 255.	1.7	40
2257	The Indirect Effect of Age Group on Switch Costs via Gray Matter Volume and Task-Related Brain Activity. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 162.	1.7	14
2258	Statistical Approaches for the Study of Cognitive and Brain Aging. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 176.	1.7	13
2259	Higher Physical Activity Is Associated with Increased Attentional Network Connectivity in the Healthy Elderly. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 198.	1.7	13
2260	Neural Substrates of Semantic Prospection “ Evidence from the Dementias. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 96.	1.0	22
2261	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
2262	Magnetoencephalography for the Detection of Intervention Effects of a Specific Nutrient Combination in Patients with Mild Alzheimer’s Disease: Results from an Exploratory Double-Blind, Randomized, Controlled Study. <i>Frontiers in Neurology</i> , 2016, 7, 161.	1.1	6
2263	Network-Based Analysis Reveals Functional Connectivity Related to Internet Addiction Tendency. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 6.	1.0	14
2264	Resting-State Brain and the FTO Obesity Risk Allele: Default Mode, Sensorimotor, and Salience Network Connectivity Underlying Different Somatosensory Integration and Reward Processing between Genotypes. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 52.	1.0	29
2265	Slowing of Hippocampal Activity Correlates with Cognitive Decline in Early Onset Alzheimer’s Disease. An MEG Study with Virtual Electrodes. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 238.	1.0	75
2266	Multilevel Cortical Processing of Somatosensory Novelty: A Magnetoencephalography Study. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 259.	1.0	24
2267	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
2268	Increased Sleep Depth in Developing Neural Networks: New Insights from Sleep Restriction in Children. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 456.	1.0	43

#	ARTICLE	IF	CITATIONS
2269	Snap Your Fingers! An ERP/sLORETA Study Investigating Implicit Processing of Self- vs. Other-Related Movement Sounds Using the Passive Oddball Paradigm. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 465.	1.0	10
2270	When the Single Matters more than the Group (II): Addressing the Problem of High False Positive Rates in Single Case Voxel Based Morphometry Using Non-parametric Statistics. <i>Frontiers in Neuroscience</i> , 2016, 10, 6.	1.4	24
2271	The Role of Transient Target Stimuli in a Steady-State Somatosensory Evoked Potential-Based Brain-Computer Interface Setup. <i>Frontiers in Neuroscience</i> , 2016, 10, 152.	1.4	12
2272	Decoding of Covert Vowel Articulation Using Electroencephalography Cortical Currents. <i>Frontiers in Neuroscience</i> , 2016, 10, 175.	1.4	34
2273	Effects of Body Mass Index and Body Fat Percent on Default Mode, Executive Control, and Salience Network Structure and Function. <i>Frontiers in Neuroscience</i> , 2016, 10, 234.	1.4	49
2274	A Hitchhiker's Guide to Functional Magnetic Resonance Imaging. <i>Frontiers in Neuroscience</i> , 2016, 10, 515.	1.4	159
2275	Microstructure and Cerebral Blood Flow within White Matter of the Human Brain: A TBSS Analysis. <i>PLoS ONE</i> , 2016, 11, e0150657.	1.1	29
2276	Influence of APOE Genotype on Hippocampal Atrophy over Time - An N=1925 Surface-Based ADNI Study. <i>PLoS ONE</i> , 2016, 11, e0152901.	1.1	59
2277	Effects of Hormone Therapy on Brain Volumes Changes of Postmenopausal Women Revealed by Optimally-Discriminative Voxel-Based Morphometry. <i>PLoS ONE</i> , 2016, 11, e0150834.	1.1	23
2278	Alterations in Brain Structure and Functional Connectivity in Alcohol Dependent Patients and Possible Association with Impulsivity. <i>PLoS ONE</i> , 2016, 11, e0161956.	1.1	66
2279	Combined EMD-sLORETA Analysis of EEG Data Collected during a Contour Integration Task. <i>PLoS ONE</i> , 2016, 11, e0167957.	1.1	13
2280	Electrophysiological Evidence Reveals Differences between the Recognition of Microexpressions and Macroexpressions. <i>Frontiers in Psychology</i> , 2016, 7, 1346.	1.1	23
2281	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
2282	Promises, Pitfalls, and Basic Guidelines for Applying Machine Learning Classifiers to Psychiatric Imaging Data, with Autism as an Example. <i>Frontiers in Psychiatry</i> , 2016, 7, 177.	1.3	108
2283	Disambiguating Pharmacodynamic Efficacy from Behavior with Neuroimaging. <i>Anesthesiology</i> , 2016, 124, 159-168.	1.3	41
2284	Profilometry: A new statistical framework for the characterization of white matter pathways, with application to multiple sclerosis. <i>Human Brain Mapping</i> , 2016, 37, 989-1004.	1.9	34
2285	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
2286	Neural and behavioral correlates of selective stopping: Evidence for a different strategy adoption. <i>NeuroImage</i> , 2016, 139, 279-293.	2.1	16

#	ARTICLE	IF	CITATIONS
2287	Improved spatial regression analysis of diffusion tensor imaging for lesion detection during longitudinal progression of multiple sclerosis in individual subjects. <i>Physics in Medicine and Biology</i> , 2016, 61, 2497-2513.	1.6	4
2288	In vivo <scp>MRI</scp> signatures of hippocampal subfield pathology in intractable epilepsy. <i>Human Brain Mapping</i> , 2016, 37, 1103-1119.	1.9	61
2289	Classification based hypothesis testing in neuroscience: Below-chance level classification rates and overlooked statistical properties of linear parametric classifiers. <i>Human Brain Mapping</i> , 2016, 37, 1842-1855.	1.9	61
2290	In vivo detection of hyperacute neuronal compaction and recovery by MRI following electric trauma in rats. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 44, 814-822.	1.9	2
2291	Differences of brain electrical activity between moderate and severe obstructive sleep apneic patients: a LORETA study. <i>Journal of Sleep Research</i> , 2016, 25, 596-604.	1.7	8
2292	Multimodal study of default-mode network integrity in disorders of consciousness. <i>Annals of Neurology</i> , 2016, 79, 841-853.	2.8	67
2293	Out-of-phase synchrony speech entrainment in developmental dyslexia. <i>Human Brain Mapping</i> , 2016, 37, 2767-2783.	1.9	159
2294	Unique white matter microstructural patterns in ADHD presentations—a diffusion tensor imaging study. <i>Human Brain Mapping</i> , 2016, 37, 3323-3336.	1.9	40
2295	Identifying the brain regions associated with acute spasticity in patients diagnosed with an ischemic stroke. <i>Somatosensory &amp; Motor Research</i> , 2016, 33, 104-111.	0.4	11
2296	Alterations of putaminal shape in de novo Parkinson's disease. <i>Movement Disorders</i> , 2016, 31, 676-683.	2.2	15
2297	Ageing-Resilient Associations between the Arcuate Fasciculus and Vocabulary Knowledge: Microstructure or Morphology?. <i>Journal of Neuroscience</i> , 2016, 36, 7210-7222.	1.7	27
2298	Similarity-Based Fusion of MEG and fMRI Reveals Spatio-Temporal Dynamics in Human Cortex During Visual Object Recognition. <i>Cerebral Cortex</i> , 2016, 26, 3563-3579.	1.6	138
2299	A multiple hold-out framework for Sparse Partial Least Squares. <i>Journal of Neuroscience Methods</i> , 2016, 271, 182-194.	1.3	40
2300	Functional reorganization of language networks for semantics and syntax in chronic stroke: Evidence from MEG. <i>Human Brain Mapping</i> , 2016, 37, 2869-2893.	1.9	31
2301	Empirical validation of statistical parametric mapping for group imaging of fast neural activity using electrical impedance tomography. <i>Physiological Measurement</i> , 2016, 37, 951-967.	1.2	1
2302	Tract-Specific Correlates of Neuropsychological Deficits in Patients with Subcortical Vascular Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2016, 50, 1125-1135.	1.2	11
2303	Addressing the "problem" of temporal correlations in MVPA analysis. , 2016, , .		2
2304	The effect of early measles vaccination at 4.5 months of age on growth at 9 and 24 months of age in a randomized trial in Guinea-Bissau. <i>BMC Pediatrics</i> , 2016, 16, 199.	0.7	5



#	ARTICLE	IF	CITATIONS
2305	Default Mode Network alterations in alexithymia: an EEG power spectra and connectivity study. <i>Scientific Reports</i> , 2016, 6, 36653.	1.6	32
2306	Signal Source and Functional Connectivity of Neurophysiological Correlates of Temporal Mental Orientation during Natural Language Processing. <i>IPSI Transactions on Bioinformatics</i> , 2016, 9, 12-17.	0.2	1
2307	SREBF-2 polymorphism influences white matter microstructure in bipolar disorder. <i>Psychiatry Research - Neuroimaging</i> , 2016, 257, 39-46.	0.9	33
2308	Neuroimaging evidence of deficient axon myelination in Wolfram syndrome. <i>Scientific Reports</i> , 2016, 6, 21167.	1.6	28
2309	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
2310	Support vector machine classification of arterial volume-weighted arterial spin tagging images. <i>Brain and Behavior</i> , 2016, 6, e00549.	1.0	11
2311	Behavioral and Electrophysiological Correlates of Memory Binding Deficits in Patients at Different Risk Levels for Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2016, 53, 1325-1340.	1.2	50
2312	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
2313	Decoding task and stimulus representations in face-responsive cortex. <i>Cognitive Neuropsychology</i> , 2016, 33, 362-377.	0.4	6
2314	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
2315	Feeling, learning from and being aware of inner states: interoceptive dimensions in neurodegeneration and stroke. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20160006.	1.8	123
2316	Visual processing during natural reading. <i>Scientific Reports</i> , 2016, 6, 26902.	1.6	26
2317	Neural substrates predicting short-term improvement of tinnitus loudness and distress after modified tinnitus retraining therapy. <i>Scientific Reports</i> , 2016, 6, 29140.	1.6	32
2318	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
2319	Scalp and Source Power Topography in Sleepwalking and Sleep Terrors: A High-Density EEG Study. <i>Sleep</i> , 2016, 39, 1815-1825.	0.6	59
2320	Insights into Intrinsic Brain Networks based on Graph Theory and PET in right- compared to left-sided Temporal Lobe Epilepsy. <i>Scientific Reports</i> , 2016, 6, 28513.	1.6	24
2321	High Dimensional Structured Estimation with Noisy Designs. , 2016, , .		0
2322	White matter microstructural changes are associated with alcohol use in patients with panic disorder. <i>Journal of Affective Disorders</i> , 2016, 199, 65-72.	2.0	9

#	ARTICLE	IF	CITATIONS
2323	The effects of AMPA blockade on the spectral profile of human early visual cortex recordings studied with non-invasive MEG. <i>Cortex</i> , 2016, 81, 266-275.	1.1	14
2324	Different functional connectivity and network topology in behavioral variant of frontotemporal dementia and Alzheimer's disease: an EEG study. <i>Neurobiology of Aging</i> , 2016, 42, 150-162.	1.5	129
2325	Reduced white matter integrity in amateur boxers. <i>Neuroradiology</i> , 2016, 58, 911-920.	1.1	18
2326	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
2327	Multivariate statistical analysis of diffusion imaging parameters using partial least squares: Application to white matter variations in Alzheimer's disease. <i>NeuroImage</i> , 2016, 134, 573-586.	2.1	19
2328	Targeted brain activation using an MR-compatible wrist torque measurement device and isometric motor tasks during functional magnetic resonance imaging. <i>Magnetic Resonance Imaging</i> , 2016, 34, 795-802.	1.0	6
2329	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
2330	Early suppression effect in human primary visual cortex during Kanizsa illusion processing: A magnetoencephalographic evidence. <i>Visual Neuroscience</i> , 2016, 33, E007.	0.5	1
2331	Effects of orthographic consistency and homophone density on Chinese spoken word recognition. <i>Brain and Language</i> , 2016, 157-158, 51-62.	0.8	24
2332	Untangling the relatedness among correlations, part I: Nonparametric approaches to inter-subject correlation analysis at the group level. <i>NeuroImage</i> , 2016, 142, 248-259.	2.1	67
2333	Brain Network Organization and Social Executive Performance in Frontotemporal Dementia. <i>Journal of the International Neuropsychological Society</i> , 2016, 22, 250-262.	1.2	71
2334	Hypnotically induced somatosensory alterations: Toward a neurophysiological understanding of hypnotic anaesthesia. <i>Neuropsychologia</i> , 2016, 87, 182-191.	0.7	11
2335	Altered Dynamic of EEG Oscillations in Fibromyalgia Patients at Rest. <i>Pain Medicine</i> , 2016, 17, pnw023.	0.9	53
2336	Prior exposure to extreme pain alters neural response to pain in others. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2016, 16, 662-671.	1.0	16
2337	Sensory migraine aura is not associated with structural grey matter abnormalities. <i>NeuroImage: Clinical</i> , 2016, 11, 322-327.	1.4	42
2338	Oscillatory neural responses evoked by natural vestibular stimuli in humans. <i>Journal of Neurophysiology</i> , 2016, 115, 1228-1242.	0.9	31
2339	Dorsal and ventral language pathways in persistent developmental stuttering. <i>Cortex</i> , 2016, 81, 79-92.	1.1	37
2340	Neuroanatomical correlates of verbal fluency in early Alzheimer's disease and normal aging. <i>Brain and Language</i> , 2016, 155-156, 24-35.	0.8	45

#	ARTICLE	IF	CITATIONS
2341	One Month of Oral Morphine Decreases Gray Matter Volume in the Right Amygdala of Individuals with Low Back Pain: Confirmation of Previously Reported Magnetic Resonance Imaging Results. <i>Pain Medicine</i> , 2016, 17, 1497-1504.	0.9	36
2342	White matter injury in ischemic stroke. <i>Progress in Neurobiology</i> , 2016, 141, 45-60.	2.8	196
2343	Normative comparisons for large neuropsychological test batteries: User-friendly and sensitive solutions to minimize familywise false positives. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2016, 38, 611-629.	0.8	17
2344	Variations in the neurobiology of reading in children and adolescents born full term and preterm. <i>NeuroImage: Clinical</i> , 2016, 11, 555-565.	1.4	39
2345	Altered structural connectivity is related to attention deficit/hyperactivity subtypes: A DTI study. <i>Psychiatry Research - Neuroimaging</i> , 2016, 256, 57-64.	0.9	26
2346	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
2347	Prestimulus influences on auditory perception from sensory representations and decision processes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 4842-4847.	3.3	81
2348	White matter microstructural properties correlate with sensorimotor synchronization abilities. <i>NeuroImage</i> , 2016, 138, 1-12.	2.1	34
2349	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
2350	White matter integrity as a marker for cognitive plasticity in aging. <i>Neurobiology of Aging</i> , 2016, 47, 74-82.	1.5	56
2351	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
2352	Imagined and Executed Actions in the Human Motor System: Testing Neural Similarity Between Execution and Imagery of Actions with a Multivariate Approach. <i>Cerebral Cortex</i> , 2017, 27, 4523-4536.	1.6	57
2354	Associations of limbic-affective brain activity and severity of ongoing chronic arthritis pain are explained by trait anxiety. <i>NeuroImage: Clinical</i> , 2016, 12, 269-276.	1.4	38
2355	Volumetric, relaxometric and diffusometric correlates of psychotic experiences in a non-clinical sample of young adults. <i>NeuroImage: Clinical</i> , 2016, 12, 550-558.	1.4	15
2356	Inferior frontal gyrus links visual and motor cortices during a visuomotor precision grip force task. <i>Brain Research</i> , 2016, 1650, 252-266.	1.1	28
2357	Towards a method to differentiate chronic disorder of consciousness patients' awareness: The Low-Resolution Brain Electromagnetic Tomography Analysis. <i>Journal of the Neurological Sciences</i> , 2016, 368, 178-183.	0.3	27
2358	The Dynamics of Functional Brain Networks: Integrated Network States during Cognitive Task Performance. <i>Neuron</i> , 2016, 92, 544-554.	3.8	656
2359	Graph Theoretic Analysis of Human Brain Networks. <i>Neuroinformatics</i> , 2016, , 283-314.	0.2	14

#	ARTICLE	IF	CITATIONS
2360	Statistical Analysis of fMRI Data. <i>Neuroinformatics</i> , 2016, , 183-239.	0.2	1
2361	Your perspective and my benefit: multiple lesion models of self-other integration strategies during social bargaining. <i>Brain</i> , 2016, 139, 3022-3040.	3.7	103
2362	EEG Source Reconstruction in Male Nonsmokers after Nicotine Administration during the Resting State. <i>Neuropsychobiology</i> , 2016, 73, 191-200.	0.9	2
2363	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
2364	Making use of longitudinal information in pattern recognition. <i>Human Brain Mapping</i> , 2016, 37, 4385-4404.	1.9	5
2365	Dopaminergic receptor blockade changes a functional connectivity network centred on the amygdala. <i>Human Brain Mapping</i> , 2016, 37, 4148-4157.	1.9	4
2366	Statistical Connectomics. , 2016, , 383-419.		2
2367	Functional brain microstate predicts the outcome in a visuospatial working memory task. <i>Behavioural Brain Research</i> , 2016, 314, 134-142.	1.2	22
2368	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
2369	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
2370	Characterization of gray matter atrophy following 6-hydroxydopamine lesion of the nigrostriatal system. <i>Neuroscience</i> , 2016, 334, 166-179.	1.1	9
2371	White matter correlates of episodic memory encoding and retrieval in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2016, 254, 188-198.	0.9	11
2372	Catecholaminergic Neuromodulation Shapes Intrinsic MRI Functional Connectivity in the Human Brain. <i>Journal of Neuroscience</i> , 2016, 36, 7865-7876.	1.7	75
2373	Valid population inference for information-based imaging: From the second-level t -test to prevalence inference. <i>NeuroImage</i> , 2016, 141, 378-392.	2.1	139
2374	Brain white matter integrity in heroin addicts during methadone maintenance treatment is related to relapse propensity. <i>Brain and Behavior</i> , 2016, 6, e00436.	1.0	35
2375	Microstructural white matter abnormalities and their relationship with cognitive dysfunction in obsessive compulsive disorder. <i>Brain and Behavior</i> , 2016, 6, e00442.	1.0	18
2376	Desynchronization of fronto-temporal networks during working memory processing in autism. <i>Human Brain Mapping</i> , 2016, 37, 153-164.	1.9	52
2377	A multivariate method for estimating cross-frequency neuronal interactions and correcting linear mixing in MEG data, using canonical correlations. <i>Journal of Neuroscience Methods</i> , 2016, 271, 169-181.	1.3	17

#	ARTICLE	IF	CITATIONS
2378	Sexual dimorphic abnormalities in white matter geometry common to schizophrenia and non-psychotic high-risk subjects: Evidence for a neurodevelopmental risk marker?. <i>Human Brain Mapping</i> , 2016, 37, 254-261.	1.9	9
2379	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
2380	Alpha and gamma oscillation amplitudes synergistically predict the perception of forthcoming nociceptive stimuli. <i>Human Brain Mapping</i> , 2016, 37, 501-514.	1.9	93
2381	Traumatic Brain Injury Results in Cellular, Structural and Functional Changes Resembling Motor Neuron Disease. <i>Cerebral Cortex</i> , 2017, 27, 4503-4515.	1.6	50
2382	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
2383	Neural correlates of attention bias in posttraumatic stress disorder. <i>Clinical Neurophysiology</i> , 2016, 127, 3268-3276.	0.7	10
2384	A Combined Static and Dynamic Model for Resting-State Brain Connectivity Networks. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2016, 10, 1172-1181.	7.3	6
2385	White Matter Diffusion of Major Fiber Tracts Implicated in Autism Spectrum Disorder. <i>Brain Connectivity</i> , 2016, 6, 691-699.	0.8	33
2386	Semantic representations in the temporal pole predict false memories. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 10180-10185.	3.3	80
2387	Resting-State Functional Connectivity by Independent Component Analysis-Based Markers Corresponds to Areas of Initial Seizure Propagation Established by Prior Modalities from the Hypothalamus. <i>Brain Connectivity</i> , 2016, 6, 642-651.	0.8	29
2388	Temporal metastates are associated with differential patterns of time-resolved connectivity, network topology, and attention. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 9888-9891.	3.3	181
2389	Increased Frontal Lobe Activation After Aneurysmal Subarachnoid Hemorrhage. <i>Stroke</i> , 2016, 47, 2503-2510.	1.0	10
2390	Multivariate Brain Prediction of Heart Rate and Skin Conductance Responses to Social Threat. <i>Journal of Neuroscience</i> , 2016, 36, 11987-11998.	1.7	81
2391	Allotaxis in health and food addiction. <i>Scientific Reports</i> , 2016, 6, 37126.	1.6	13
2392	Remote Lower White Matter Integrity Increases the Risk of Long-Term Cognitive Impairment After Ischemic Stroke in Young Adults. <i>Stroke</i> , 2016, 47, 2517-2525.	1.0	35
2393	Necessary Contributions of Human Frontal Lobe Subregions to Reward Learning in a Dynamic, Multidimensional Environment. <i>Journal of Neuroscience</i> , 2016, 36, 9843-9858.	1.7	23
2394	Gamma-Rhythmic Gain Modulation. <i>Neuron</i> , 2016, 92, 240-251.	3.8	111
2395	Abnormal white matter integrity in synthetic cannabinoid users. <i>European Neuropsychopharmacology</i> , 2016, 26, 1818-1825.	0.3	25

#	ARTICLE	IF	CITATIONS
2396	Strong Evidence for Pattern Separation in Human Dentate Gyrus. <i>Journal of Neuroscience</i> , 2016, 36, 7569-7579.	1.7	195
2397	Edgewise and subgraph-level tests for brain networks. <i>Statistics in Medicine</i> , 2016, 35, 4994-5008.	0.8	2
2398	Distinct white-matter aberrations in 22q11.2 deletion syndrome and patients at ultra-high risk for psychosis. <i>Psychological Medicine</i> , 2016, 46, 2299-2311.	2.7	20
2399	Increased MRI volumetric correlation contralateral to seizure focus in temporal lobe epilepsy. <i>Epilepsy Research</i> , 2016, 126, 53-61.	0.8	2
2400	Longitudinal changes in functional connectivity of cortico-basal ganglia networks in manifests and premanifest huntington's disease. <i>Human Brain Mapping</i> , 2016, 37, 4112-4128.	1.9	27
2401	Neural markers of social and monetary rewards in children with Attention-Deficit/Hyperactivity Disorder and Autism Spectrum Disorder. <i>Scientific Reports</i> , 2016, 6, 30588.	1.6	27
2402	EEG Oscillations Are Modulated in Different Behavior-Related Networks during Rhythmic Finger Movements. <i>Journal of Neuroscience</i> , 2016, 36, 11671-11681.	1.7	44
2403	Navigating abstract virtual environment: an eeg study. <i>Cognitive Neurodynamics</i> , 2016, 10, 471-480.	2.3	4
2404	Medulla oblongata damage and cardiac autonomic dysfunction in Parkinson disease. <i>Neurology</i> , 2016, 87, 2540-2545.	1.5	32
2405	Glial activation colocalizes with structural abnormalities in amyotrophic lateral sclerosis. <i>Neurology</i> , 2016, 87, 2554-2561.	1.5	83
2406	Motor cortex activity predicts response alternation during sensorimotor decisions. <i>Nature Communications</i> , 2016, 7, 13098.	5.8	70
2407	Temporal coding of reward-guided choice in the posterior parietal cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 13492-13497.	3.3	35
2408	Structural MRI: Morphometry. <i>Studies in Neuroscience, Psychology and Behavioral Economics</i> , 2016, , 399-409.	0.1	8
2409	Functional Neuroimaging. , 2016, , 25-43.		0
2410	Oscillatory brain activity during multisensory attention reflects activation, disinhibition, and cognitive control. <i>Scientific Reports</i> , 2016, 6, 32775.	1.6	68
2411	Methadone-induced Damage to White Matter Integrity in Methadone Maintenance Patients: A Longitudinal Self-control DTI Study. <i>Scientific Reports</i> , 2016, 6, 19662.	1.6	31
2412	Grammatical markers switch roles and elicit different electrophysiological responses under shallow and deep semantic requirements. <i>Heliyon</i> , 2016, 2, e00180.	1.4	1
2413	The brain, obesity and addiction: an EEG neuroimaging study. <i>Scientific Reports</i> , 2016, 6, 34122.	1.6	35

#	ARTICLE	IF	CITATIONS
2414	Multimodal Magnetic Resonance Imaging in Alzheimer's Disease Patients at Prodromal Stage. <i>Journal of Alzheimer's Disease</i> , 2016, 50, 1035-1050.	1.2	26
2415	Regional Patterns of Elevated Alpha and High-Frequency Electroencephalographic Activity during Nonrapid Eye Movement Sleep in Chronic Insomnia: A Pilot Study. <i>Sleep</i> , 2016, 39, 801-812.	0.6	76
2416	Abnormal white matter integrity in rapists as indicated by diffusion tensor imaging. <i>BMC Neuroscience</i> , 2016, 17, 45.	0.8	12
2417	Gray matter alterations and correlation of nutritional intake with the gray matter volume in prediabetes. <i>Medicine (United States)</i> , 2016, 95, e3956.	0.4	6
2418	Gray matter increases in fronto-parietal regions of depression patients with aripiprazole monotherapy. <i>Medicine (United States)</i> , 2016, 95, e4654.	0.4	8
2419	Impact of sleep restriction on the structural brain network. <i>NeuroReport</i> , 2016, 27, 1299-1304.	0.6	5
2420	Reorganization of functionally connected brain subnetworks in high-functioning autism. <i>Human Brain Mapping</i> , 2016, 37, 1066-1079.	1.9	110
2421	Combining tract- and atlas-based analysis reveals microstructural abnormalities in early Tourette syndrome children. <i>Human Brain Mapping</i> , 2016, 37, 1903-1919.	1.9	38
2422	"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
2423	Cognitive flexibility, heart rate variability, and resilience predict fine-grained regulation of arousal during prolonged threat. <i>Psychophysiology</i> , 2016, 53, 880-890.	1.2	73
2424	Sources of mu activity and their functional connectivity in perceiving complexities in reciprocal social interactive motion: An exploratory study using the "Namaste" task. <i>Asian Journal of Psychiatry</i> , 2016, 22, 6-14.	0.9	3
2425	The relationship between cerebrospinal fluid markers of Alzheimer pathology and positron emission tomography tau imaging. <i>Brain</i> , 2016, 139, 2249-2260.	3.7	150
2426	A Look at Multiplicity Through Misclassification. <i>Sankhya B</i> , 2016, 78, 96-118.	0.4	1
2427	Inflammatory cytokines influence measures of white matter integrity in Bipolar Disorder. <i>Journal of Affective Disorders</i> , 2016, 202, 1-9.	2.0	125
2428	The 100 most-cited articles in neuroimaging: A bibliometric analysis. <i>NeuroImage</i> , 2016, 139, 149-156.	2.1	70
2429	Large-scale functional network reorganization in 22q11.2 deletion syndrome revealed by modularity analysis. <i>Cortex</i> , 2016, 82, 86-99.	1.1	20
2430	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
2431	Microstructural asymmetry of the corticospinal tracts predicts right-left differences in circle drawing skill in right-handed adolescents. <i>Brain Structure and Function</i> , 2016, 221, 4475-4489.	1.2	34

#	ARTICLE	IF	CITATIONS
2432	Coding of Object Size and Object Category in Human Visual Cortex. <i>Cerebral Cortex</i> , 2016, 27, bhw150.	1.6	25
2433	The phase of pre-stimulus alpha oscillations influences the visual perception of stimulus timing. <i>NeuroImage</i> , 2016, 133, 53-61.	2.1	106
2434	Spatial regression analysis of serial DTI for subject-specific longitudinal changes of neurodegenerative disease. <i>NeuroImage: Clinical</i> , 2016, 11, 291-301.	1.4	4
2435	White matter integrity in major depressive disorder: Implications of childhood trauma, 5-HTTLPR and BDNF polymorphisms. <i>Psychiatry Research - Neuroimaging</i> , 2016, 253, 15-25.	0.9	32
2436	Which is the most appropriate strategy for conducting multivariate voxel-based group studies on diffusion tensors?. <i>NeuroImage</i> , 2016, 142, 99-112.	2.1	0
2437	Abnormal white matter integrity as a structural endophenotype for bipolar disorder. <i>Psychological Medicine</i> , 2016, 46, 1547-1558.	2.7	41
2438	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
2439	The role of alpha oscillations in deriving and maintaining spatial relations in working memory. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2016, 16, 888-901.	1.0	15
2440	fMRI mapping of the visual system in the mouse brain with interleaved snapshot GE-EPI. <i>NeuroImage</i> , 2016, 139, 337-345.	2.1	38
2441	Postnatal Iron Deficiency Alters Brain Development in Piglets. <i>Journal of Nutrition</i> , 2016, 146, 1420-1427.	1.3	31
2442	Selective Neural Synchrony Suppression as a Forward Gatekeeper to Piecemeal Conscious Perception. <i>Cerebral Cortex</i> , 2016, 26, 3010-3022.	1.6	10
2443	The Role of Working Memory in the Probabilistic Inference of Future Sensory Events. <i>Cerebral Cortex</i> , 2017, 27, bhw138.	1.6	14
2444	The white matter query language: a novel approach for describing human white matter anatomy. <i>Brain Structure and Function</i> , 2016, 221, 4705-4721.	1.2	170
2445	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
2446	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
2447	Axon density and axon orientation dispersion in children born preterm. <i>Human Brain Mapping</i> , 2016, 37, 3080-3102.	1.9	50
2448	Burst and Tonic Spinal Cord Stimulation: Different and Common Brain Mechanisms. <i>Neuromodulation</i> , 2016, 19, 47-59.	0.4	153
2449	Can self-relevant stimuli help assessing patients with disorders of consciousness?. <i>Consciousness and Cognition</i> , 2016, 44, 51-60.	0.8	14



#	ARTICLE	IF	CITATIONS
2450	Cluster failure: Why fMRI inferences for spatial extent have inflated false-positive rates. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 7900-7905.	3.3	2,809
2451	Deciphering phonemes from syllables in blood oxygenation level-dependent signals in human superior temporal gyrus. European Journal of Neuroscience, 2016, 43, 773-781.	1.2	12
2452	Congenital blindness affects diencephalic but not mesencephalic structures in the human brain. Brain Structure and Function, 2016, 221, 1465-1480.	1.2	46
2453	Expectations of Task Demands Dissociate Working Memory and Long-Term Memory Systems. Cerebral Cortex, 2016, 26, 1176-1186.	1.6	15
2454	Spectral Signatures of Saccade Target Selection. Brain Topography, 2016, 29, 130-148.	0.8	5
2455	Age-related decline in functional connectivity of the vestibular cortical network. Brain Structure and Function, 2016, 221, 1443-1463.	1.2	31
2456	The Organization of Right Prefrontal Networks Reveals Common Mechanisms of Inhibitory Regulation Across Cognitive, Emotional, and Motor Processes. Cerebral Cortex, 2016, 26, 1634-1646.	1.6	117
2457	Quantitative EEG and Low-Resolution Electromagnetic Tomography (LORETA) Imaging of Patients Undergoing Methadone Treatment for Opiate Addiction. Clinical EEG and Neuroscience, 2016, 47, 180-187.	0.9	8
2458	Brain damage following prophylactic cranial irradiation in lung cancer survivors. Brain Imaging and Behavior, 2016, 10, 283-295.	1.1	24
2459	Assessment of Eating Behavior Disturbance and Associated Neural Networks in Frontotemporal Dementia. JAMA Neurology, 2016, 73, 282.	4.5	74
2460	Neuro-cognitive performance is enhanced during short periods of microgravity. Physiology and Behavior, 2016, 155, 9-16.	1.0	36
2461	Bilateral Transcranial Direct Current Stimulation Language Treatment Enhances Functional Connectivity in the Left Hemisphere: Preliminary Data from Aphasia. Journal of Cognitive Neuroscience, 2016, 28, 724-738.	1.1	90
2462	Short-Term Memory Depends on Dissociable Medial Temporal Lobe Regions in Amnesic Mild Cognitive Impairment. Cerebral Cortex, 2016, 26, 2006-2017.	1.6	20
2463	White-matter connectivity related to paliperidone treatment response in patients with schizophrenia. Journal of Psychopharmacology, 2016, 30, 294-302.	2.0	7
2464	Cerebellar atrophy in Parkinson's disease and its implication for network connectivity. Brain, 2016, 139, 845-855.	3.7	103
2465	DTI Analysis Methods: Voxel-Based Analysis. , 2016, , 183-203.		11
2466	Functional connectivity assessed by resting state EEG correlates with cognitive decline of Alzheimer's disease - An eLORETA study. Clinical Neurophysiology, 2016, 127, 1269-1278.	0.7	163
2467	Effects of oral temazepam on slow waves during non-rapid eye movement sleep in healthy young adults: A high-density EEG investigation. International Journal of Psychophysiology, 2016, 101, 25-32.	0.5	3

#	ARTICLE	IF	CITATIONS
2468	Brain structural changes in women and men during midlife. <i>Neuroscience Letters</i> , 2016, 615, 107-112.	1.0	15
2469	Common Neural Representations for Visually Guided Reorientation and Spatial Imagery. <i>Cerebral Cortex</i> , 2017, 27, bhv343.	1.6	43
2470	Resting Hyperperfusion of the Hippocampus, Midbrain, and Basal Ganglia in People at High Risk for Psychosis. <i>American Journal of Psychiatry</i> , 2016, 173, 392-399.	4.0	104
2471	The Role of Corticostriatal Systems in Speech Category Learning. <i>Cerebral Cortex</i> , 2016, 26, 1409-1420.	1.6	54
2472	Cerebral injury in perinatally HIV-infected children compared to matched healthy controls. <i>Neurology</i> , 2016, 86, 19-27.	1.5	68
2473	Horizontal tuning for faces originates in high-level Fusiform Face Area. <i>Neuropsychologia</i> , 2016, 81, 1-11.	0.7	48
2474	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
2475	Clinically Isolated Syndrome Suggestive of Multiple Sclerosis: Dynamic Patterns of Gray and White Matter Changes—A 2-year MR Imaging Study. <i>Radiology</i> , 2016, 278, 841-853.	3.6	38
2476	The number of optic neuritis attacks is a potential confounder when comparing patients with NMO vs. controls by voxel-based neuroimaging analysis. <i>Acta Radiologica</i> , 2016, 57, 985-991.	0.5	3
2477	Increased frontal sleep slow wave activity in adolescents with major depression. <i>NeuroImage: Clinical</i> , 2016, 10, 250-256.	1.4	36
2478	Maturation of Sensori-Motor Functional Responses in the Preterm Brain. <i>Cerebral Cortex</i> , 2016, 26, 402-413.	1.6	71
2479	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
2480	Altered White Matter Microstructure in Adolescents and Adults with Bulimia Nervosa. <i>Neuropsychopharmacology</i> , 2016, 41, 1841-1848.	2.8	24
2481	Direction of information flow in large-scale resting-state networks is frequency-dependent. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 3867-3872.	3.3	312
2482	A Vegetation Mapping Strategy for Conifer Forests by Combining Airborne LiDAR Data and Aerial Imagery. <i>Canadian Journal of Remote Sensing</i> , 2016, 42, 1-15.	1.1	43
2483	A common NTRK2 variant is associated with emotional arousal and brain white-matter integrity in healthy young subjects. <i>Translational Psychiatry</i> , 2016, 6, e758-e758.	2.4	13
2484	Imaging in-vivo tau pathology in Alzheimer's disease with THK5317 PET in a multimodal paradigm. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 1686-1699.	3.3	114
2485	The neural correlates of cognitive dysfunction in phantom sounds. <i>Brain Research</i> , 2016, 1642, 170-179.	1.1	35

#	ARTICLE	IF	CITATIONS
2486	The probability of false positives in zero-dimensional analyses of one-dimensional kinematic, force and EMG trajectories. <i>Journal of Biomechanics</i> , 2016, 49, 1468-1476.	0.9	114
2487	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
2488	Disrupted functional brain network organization in patients with obstructive sleep apnea. <i>Brain and Behavior</i> , 2016, 6, e00441.	1.0	58
2489	Understanding the Impact of Interruptions on Knowledge Work: An Exploratory Neuroimaging Study. , 2016, , .		2
2490	Inhibition of alpha oscillations through serotonin-2A receptor activation underlies the visual effects of ayahuasca in humans. <i>European Neuropsychopharmacology</i> , 2016, 26, 1161-1175.	0.3	123
2491	Joint analysis of spikes and local field potentials using copula. <i>NeuroImage</i> , 2016, 133, 457-467.	2.1	9
2492	Intrinsic Functional Hypoconnectivity in Core Neurocognitive Networks Suggests Central Nervous System Pathology in Patients with Myalgic Encephalomyelitis: A Pilot Study. <i>Applied Psychophysiology Biofeedback</i> , 2016, 41, 283-300.	1.0	14
2493	Phasic Dopamine Transmission Reflects Initiation Vigor and Exerted Effort in an Action- and Region-Specific Manner. <i>Journal of Neuroscience</i> , 2016, 36, 2202-2211.	1.7	61
2494	Mediation of Developmental Risk Factors for Psychosis by White Matter Microstructure in Young Adults With Psychotic Experiences. <i>JAMA Psychiatry</i> , 2016, 73, 396.	6.0	44
2495	Longitudinal Brain Changes Associated with Prophylactic Cranial Irradiation in Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2016, 11, 475-486.	0.5	47
2496	Deafferentation-based pathophysiological differences in phantom sound: Tinnitus with and without hearing loss. <i>NeuroImage</i> , 2016, 129, 80-94.	2.1	82
2497	Brain correlates of phonological recoding of visual symbols. <i>NeuroImage</i> , 2016, 132, 359-372.	2.1	10
2498	Clocking the social mind by identifying mental processes in the IAT with electrical neuroimaging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 2786-2791.	3.3	41
2499	Localized Misfolding Within Broca's Area as a Distinctive Feature of Autistic Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2016, 1, 160-168.	1.1	22
2500	I saw where you have beenâ€”The topography of human demonstration affects dogs' search patterns and perseverative errors. <i>Behavioural Processes</i> , 2016, 125, 51-62.	0.5	7
2501	Brain structural changes in spasmodic dysphonia: A multimodal magnetic resonance imaging study. <i>Parkinsonism and Related Disorders</i> , 2016, 25, 78-84.	1.1	24
2502	Effects of endurance training on brain structures in chronic schizophrenia patients and healthy controls. <i>Schizophrenia Research</i> , 2016, 173, 182-191.	1.1	64
2503	Left Superior Temporal Gyrus Is Coupled to Attended Speech in a Cocktail-Party Auditory Scene. <i>Journal of Neuroscience</i> , 2016, 36, 1596-1606.	1.7	99

#	ARTICLE	IF	CITATIONS
2504	Predicting haemodynamic networks using electrophysiology: The role of non-linear and cross-frequency interactions. <i>NeuroImage</i> , 2016, 130, 273-292.	2.1	64
2505	The neural dynamics of stimulus and response conflict processing as a function of response complexity and task demands. <i>Neuropsychologia</i> , 2016, 84, 14-28.	0.7	29
2506	$\beta$ -amyloid, hippocampal atrophy and their relation to longitudinal brain change in cognitively normal individuals. <i>Neurobiology of Aging</i> , 2016, 40, 173-180.	1.5	27
2507	Feedback for Smooth Pursuit Gaze Tracking Based Control. , 2016, , .		17
2508	A multi-layer network approach to MEG connectivity analysis. <i>NeuroImage</i> , 2016, 132, 425-438.	2.1	205
2509	Pitch-Responsive Cortical Regions in Congenital Amusia. <i>Journal of Neuroscience</i> , 2016, 36, 2986-2994.	1.7	51
2510	Semantics of the Visual Environment Encoded in Parahippocampal Cortex. <i>Journal of Cognitive Neuroscience</i> , 2016, 28, 361-378.	1.1	31
2511	Patterns of microstructural white matter abnormalities and their impact on cognitive dysfunction in the various phases of type I bipolar disorder. <i>Journal of Affective Disorders</i> , 2016, 193, 39-50.	2.0	38
2512	Neural connectivity of alexithymia: Specific association with major depressive disorder. <i>Journal of Affective Disorders</i> , 2016, 193, 362-372.	2.0	19
2513	Prospective assessment of white matter integrity in adult stem cell transplant recipients. <i>Brain Imaging and Behavior</i> , 2016, 10, 486-496.	1.1	19
2514	Increased alpha band activity indexes inhibitory competition across a border during figure assignment. <i>Vision Research</i> , 2016, 126, 120-130.	0.7	15
2515	White Matter Degeneration with Aging: Longitudinal Diffusion MR Imaging Analysis. <i>Radiology</i> , 2016, 279, 532-541.	3.6	87
2516	Entorhinal volume, aerobic fitness, and recognition memory in healthy young adults: A voxel-based morphometry study. <i>NeuroImage</i> , 2016, 126, 229-238.	2.1	52
2517	Connectometry: A statistical approach harnessing the analytical potential of the local connectome. <i>NeuroImage</i> , 2016, 125, 162-171.	2.1	175
2518	Classification of autistic individuals and controls using cross-task characterization of fMRI activity. <i>NeuroImage: Clinical</i> , 2016, 10, 78-88.	1.4	53
2519	Effects of partial sleep deprivation on slow waves during non-rapid eye movement sleep: A high density EEG investigation. <i>Clinical Neurophysiology</i> , 2016, 127, 1436-1444.	0.7	26
2520	Difference in white matter microstructure in differential diagnosis of normal pressure hydrocephalus and Alzheimer's disease. <i>Clinical Neurology and Neurosurgery</i> , 2016, 140, 52-59.	0.6	16
2521	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

#	ARTICLE	IF	CITATIONS
2522	Accessing Real-Life Episodic Information from Minutes versus Hours Earlier Modulates Hippocampal and High-Order Cortical Dynamics. <i>Cerebral Cortex</i> , 2016, 26, 3428-3441.	1.6	104
2523	Exploring brain functional plasticity in world class gymnasts: a network analysis. <i>Brain Structure and Function</i> , 2016, 221, 3503-3519.	1.2	44
2524	The Neural Mechanisms of Prediction in Visual Search. <i>Cerebral Cortex</i> , 2016, 26, 4327-4336.	1.6	22
2525	More bilateral, more anterior: Alterations of brain organization in the large-scale structural network in Chinese dyslexia. <i>NeuroImage</i> , 2016, 124, 63-74.	2.1	36
2526	Tuning to Binaural Cues in Human Auditory Cortex. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2016, 17, 37-53.	0.9	34
2527	STEAM – Statistical Template Estimation for Abnormality Mapping: A personalized DTI analysis technique with applications to the screening of preterm infants. <i>NeuroImage</i> , 2016, 125, 705-723.	2.1	7
2528	Fair play: social norm compliance failures in behavioural variant frontotemporal dementia. <i>Brain</i> , 2016, 139, 204-216.	3.7	64
2529	Bilingualism at the core of the brain. Structural differences between bilinguals and monolinguals revealed by subcortical shape analysis. <i>NeuroImage</i> , 2016, 125, 437-445.	2.1	91
2530	Curvature manipulation of the spectrum of Valence-Arousal-related fMRI dataset using Gaussian-shaped Fast Fourier Transform and its application to fuzzy KANSEI adjectives modeling. <i>Neurocomputing</i> , 2016, 174, 1049-1059.	3.5	12
2531	Changes in white matter microstructure in the developing brain – A longitudinal diffusion tensor imaging study of children from 4 to 11 years of age. <i>NeuroImage</i> , 2016, 124, 473-486.	2.1	160
2532	Source localization of intermittent rhythmic delta activity in a patient with acute confusional migraine: cross-spectral analysis using standardized low-resolution brain electromagnetic tomography (sLORETA). <i>Neurological Sciences</i> , 2016, 37, 89-95.	0.9	4
2533	Increased white matter connectivity in traumatized children with attention deficit hyperactivity disorder. <i>Psychiatry Research - Neuroimaging</i> , 2016, 247, 57-63.	0.9	12
2534	The Association of Glucose Metabolism and Eigenvector Centrality in Alzheimer's Disease. <i>Brain Connectivity</i> , 2016, 6, 1-8.	0.8	18
2535	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
2536	Electrophysiological correlates of self-specific prediction errors in the human brain. <i>NeuroImage</i> , 2016, 125, 13-24.	2.1	13
2537	Neural evidence for moral intuition and the temporal dynamics of interactions between emotional processes and moral cognition. <i>Social Neuroscience</i> , 2016, 11, 380-394.	0.7	32
2538	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
2539	Diffusion tensor imaging in patients with obstetric antiphospholipid syndrome without neuropsychiatric symptoms. <i>European Radiology</i> , 2016, 26, 959-968.	2.3	6

#	ARTICLE	IF	CITATIONS
2540	Brains of verbal memory specialists show anatomical differences in language, memory and visual systems. <i>NeuroImage</i> , 2016, 131, 181-192.	2.1	30
2541	Greater Insula White Matter Fiber Connectivity in Women Recovered from Anorexia Nervosa. <i>Neuropsychopharmacology</i> , 2016, 41, 498-507.	2.8	57
2542	Sleepwalking episodes are preceded by arousal-related activation in the cingulate motor area: EEG current density imaging. <i>Clinical Neurophysiology</i> , 2016, 127, 530-536.	0.7	48
2543	The frontal aslant tract underlies speech fluency in persistent developmental stuttering. <i>Brain Structure and Function</i> , 2016, 221, 365-381.	1.2	131
2544	Impaired topological architecture of brain structural networks in idiopathic Parkinson's disease: a DTI study. <i>Brain Imaging and Behavior</i> , 2017, 11, 113-128.	1.1	54
2545	Look at my classifier's result: Disentangling unresponsive from (minimally) conscious patients. <i>NeuroImage</i> , 2017, 145, 288-303.	2.1	36
2546	Sustained enhancements in inhibitory control depend primarily on the reinforcement of fronto-basal anatomical connectivity. <i>Brain Structure and Function</i> , 2017, 222, 635-643.	1.2	17
2547	Cortical damage in the posterior visual pathway in patients with sialidosis type 1. <i>Brain Imaging and Behavior</i> , 2017, 11, 214-223.	1.1	7
2548	Double-dissociation between the mechanism leading to impulsivity and inattention in Attention Deficit Hyperactivity Disorder: A resting-state functional connectivity study. <i>Cortex</i> , 2017, 86, 290-302.	1.1	45
2549	The 5-HTTLPR and BDNF polymorphisms moderate the association between uncinate fasciculus connectivity and antidepressants treatment response in major depression. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2017, 267, 135-147.	1.8	44
2550	Dynamics of scene representations in the human brain revealed by magnetoencephalography and deep neural networks. <i>NeuroImage</i> , 2017, 153, 346-358.	2.1	146
2551	The tract terminations in the temporal lobe: Their location and associated functions. <i>Cortex</i> , 2017, 97, 277-290.	1.1	48
2552	Structural graph-based morphometry: A multiscale searchlight framework based on sulcal pits. <i>Medical Image Analysis</i> , 2017, 35, 32-45.	7.0	13
2553	Cortical grey matter content is associated with both age and bimanual performance, but is not observed to mediate age-related behavioural decline. <i>Brain Structure and Function</i> , 2017, 222, 437-448.	1.2	9
2554	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
2555	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
2556	Wake and Sleep EEG in Patients With Huntington Disease. <i>Clinical EEG and Neuroscience</i> , 2017, 48, 60-71.	0.9	31
2557	Decoupling of large-scale brain networks supports the consolidation of durable episodic memories. <i>NeuroImage</i> , 2017, 153, 336-345.	2.1	16

#	ARTICLE	IF	CITATIONS
2558	Characterization of white matter integrity deficits in cocaine-dependent individuals with substance-induced psychosis compared with non-psychotic cocaine users. <i>Addiction Biology</i> , 2017, 22, 873-881.	1.4	12
2559	Sounds facilitate visual motion discrimination via the enhancement of late occipital visual representations. <i>NeuroImage</i> , 2017, 148, 31-41.	2.1	36
2560	Resolving the Brainstem Contributions to Attentional Analgesia. <i>Journal of Neuroscience</i> , 2017, 37, 2279-2291.	1.7	52
2561	Integrity of central nervous function in diabetes mellitus assessed by resting state EEG frequency analysis and source localization. <i>Journal of Diabetes and Its Complications</i> , 2017, 31, 400-406.	1.2	12
2562	Identifying non-toxic doses of manganese for manganese-enhanced magnetic resonance imaging to map brain areas activated by operant behavior in trained rats. <i>Magnetic Resonance Imaging</i> , 2017, 37, 122-133.	1.0	12
2563	A T1 and DTI fused 3D corpus callosum analysis in MCI subjects with high and low cardiovascular risk profile. <i>NeuroImage: Clinical</i> , 2017, 14, 298-307.	1.4	10
2564	White matter integrity and symptom dimensions of schizophrenia: A diffusion tensor imaging study. <i>Schizophrenia Research</i> , 2017, 184, 59-68.	1.1	50
2565	Disturbed Brain Activity in Resting-State Networks of Patients with First-Episode Schizophrenia with Auditory Verbal Hallucinations: A Cross-sectional Functional MR Imaging Study. <i>Radiology</i> , 2017, 283, 810-819.	3.6	53
2566	Pain perception in patients with chronic disorders of consciousness: What can limbic system tell us?. <i>Clinical Neurophysiology</i> , 2017, 128, 454-462.	0.7	22
2567	Alerted default mode: functional connectivity changes in the aftermath of social stress. <i>Scientific Reports</i> , 2017, 7, 40180.	1.6	54
2568	Birth weight discordance, DNA methylation, and cortical morphology of adolescent monozygotic twins. <i>Human Brain Mapping</i> , 2017, 38, 2037-2050.	1.9	19
2569	Organization of high-level visual cortex in human infants. <i>Nature Communications</i> , 2017, 8, 13995.	5.8	224
2570	Lesion-symptom mapping in the study of spoken language understanding. <i>Language, Cognition and Neuroscience</i> , 2017, 32, 891-899.	0.7	32
2571	Biomarkers, designs, and interpretations of resting-state fMRI in translational pharmacological research: A review of state-of-the-art, challenges, and opportunities for studying brain chemistry. <i>Human Brain Mapping</i> , 2017, 38, 2276-2325.	1.9	57
2572	Representations of modality-general valence for videos and music derived from fMRI data. <i>NeuroImage</i> , 2017, 148, 42-54.	2.1	48
2573	Resting-State Functional Connectivity Alterations Associated with Six-Month Outcomes in Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2017, 34, 1546-1557.	1.7	117
2574	Microstructural and functional correlates of glutamate concentration in the posterior cingulate cortex. <i>Journal of Neuroscience Research</i> , 2017, 95, 1796-1808.	1.3	10
2575	Dynamic aftereffects in supplementary motor network following inhibitory transcranial magnetic stimulation protocols. <i>NeuroImage</i> , 2017, 149, 285-294.	2.1	50

#	ARTICLE	IF	CITATIONS
2576	Aberrant neural networks for the recognition memory of socially relevant information in patients with schizophrenia. <i>Brain and Behavior</i> , 2017, 7, e00602.	1.0	9
2577	The association of sleep and physical activity with integrity of white matter microstructure in bipolar disorder patients and healthy controls. <i>Psychiatry Research - Neuroimaging</i> , 2017, 262, 71-80.	0.9	11
2578	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
2579	Neural Representations of Observed Actions Generalize across Static and Dynamic Visual Input. <i>Journal of Neuroscience</i> , 2017, 37, 3056-3071.	1.7	48
2580	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
2581	Reorganization of anterior and posterior hippocampal networks associated with memory performance in mesial temporal lobe epilepsy. <i>Clinical Neurophysiology</i> , 2017, 128, 830-838.	0.7	24
2582	Language plasticity after hemispherotomy of the dominant hemisphere in 3 patients: Implication of non-linguistic networks. <i>Epilepsy and Behavior</i> , 2017, 69, 86-94.	0.9	12
2583	Increased intrinsic brain connectivity between pons and somatosensory cortex during attacks of migraine with aura. <i>Human Brain Mapping</i> , 2017, 38, 2635-2642.	1.9	59
2584	Genetic effect of interleukin-1 beta (C-511T) polymorphism on the structural covariance network and white matter integrity in Alzheimer's disease. <i>Journal of Neuroinflammation</i> , 2017, 14, 12.	3.1	14
2585	Track-weighted imaging methods: extracting information from a streamlines tractogram. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2017, 30, 317-335.	1.1	46
2586	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
2587	Temporal and spatial localization of prediction-error signals in the visual brain. <i>Biological Psychology</i> , 2017, 125, 45-57.	1.1	33
2588	Further support for association between GWAS variant for positive emotion and reward systems. <i>Translational Psychiatry</i> , 2017, 7, e1018-e1018.	2.4	9
2589	Cortical plasticity after brachial plexus injury and repair: a resting-state functional MRI study. <i>Neurosurgical Focus</i> , 2017, 42, E14.	1.0	33
2590	Activity and connectivity of the cerebellum in trigeminal nociception. <i>NeuroImage</i> , 2017, 150, 112-118.	2.1	66
2591	The neural correlates of dreaming. <i>Nature Neuroscience</i> , 2017, 20, 872-878.	7.1	430
2592	Tau-PET Binding Distinguishes Patients With Early-stage Posterior Cortical Atrophy From Amnesic Alzheimer Disease Dementia. <i>Alzheimer Disease and Associated Disorders</i> , 2017, 31, 87-93.	0.6	52
2593	Resting state and personality component (BIS/BAS) predict the brain activity (EEG and fNIRS measure) in response to emotional cues. <i>Brain and Behavior</i> , 2017, 7, e00686.	1.0	28



#	ARTICLE	IF	CITATIONS
2594	Neuronal oscillations and synchronicity associated with gamma-hydroxybutyrate during resting-state in healthy male volunteers. <i>Psychopharmacology</i> , 2017, 234, 1957-1968.	1.5	17
2595	Imaging genetics approach to Parkinson's disease and its correlation with clinical score. <i>Scientific Reports</i> , 2017, 7, 46700.	1.6	12
2596	Extrastriatal dopamine D2-receptor availability in social anxiety disorder. <i>European Neuropsychopharmacology</i> , 2017, 27, 462-469.	0.3	31
2597	Body mass index associates with white matter microstructure in bipolar depression. <i>Bipolar Disorders</i> , 2017, 19, 116-127.	1.1	25
2598	Coding of navigational affordances in the human visual system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 4793-4798.	3.3	149
2599	Distinct Motivational Effects of Contingent and Noncontingent Rewards. <i>Psychological Science</i> , 2017, 28, 1016-1026.	1.8	65
2600	Night sleep influences white matter microstructure in bipolar depression. <i>Journal of Affective Disorders</i> , 2017, 218, 380-387.	2.0	17
2601	EEG Microstate Correlates of Fluid Intelligence and Response to Cognitive Training. <i>Brain Topography</i> , 2017, 30, 502-520.	0.8	58
2602	Altered Functional Connectivity in Idiopathic Rapid Eye Movement Sleep Behavior Disorder: A Resting-State EEG Study. <i>Sleep</i> , 2017, 40, .	0.6	38
2603	Frontoparietal neurostimulation modulates working memory training benefits and oscillatory synchronization. <i>Brain Research</i> , 2017, 1667, 28-40.	1.1	44
2604	Changes in resting-state directed connectivity in cortico-subcortical networks correlate with cognitive function in Parkinson's disease. <i>Clinical Neurophysiology</i> , 2017, 128, 1319-1326.	0.7	34
2605	Comparative analysis of background EEG activity in childhood absence epilepsy during valproate treatment: a standardized, low-resolution, brain electromagnetic tomography (sLORETA) study. <i>Neurological Sciences</i> , 2017, 38, 1293-1298.	0.9	3
2606	Modality-independent encoding of individual concepts in the left parietal cortex. <i>Neuropsychologia</i> , 2017, 105, 39-49.	0.7	28
2607	Arousal-related adjustments of perceptual biases optimize perception in dynamic environments. <i>Nature Human Behaviour</i> , 2017, 1, .	6.2	67
2608	The dynamic programming high-order Dynamic Bayesian Networks learning for identifying effective connectivity in human brain from fMRI. <i>Journal of Neuroscience Methods</i> , 2017, 285, 33-44.	1.3	9
2609	Being First Matters: Topographical Representational Similarity Analysis of ERP Signals Reveals Separate Networks for Audiovisual Temporal Binding Depending on the Leading Sense. <i>Journal of Neuroscience</i> , 2017, 37, 5274-5287.	1.7	31
2610	Decreased empathy response to other people's pain in bipolar disorder: evidence from an event-related potential study. <i>Scientific Reports</i> , 2017, 7, 39903.	1.6	9
2611	Tackling variability: A multicenter study to provide a gold standard network approach for frontotemporal dementia. <i>Human Brain Mapping</i> , 2017, 38, 3804-3822.	1.9	48

#	ARTICLE	IF	CITATIONS
2612	Early sensitivity of left perisylvian cortex to relationality in nouns and verbs. <i>Neuropsychologia</i> , 2017, 100, 131-143.	0.7	36
2613	Effective brain network analysis with resting-state EEG data: a comparison between heroin abstinent and non-addicted subjects. <i>Journal of Neural Engineering</i> , 2017, 14, 046002.	1.8	33
2614	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
2615	An exploratory high-density EEG investigation of the misinformation effect: Attentional and recollective differences between true and false perceptual memories. <i>Neurobiology of Learning and Memory</i> , 2017, 141, 199-208.	1.0	8
2616	Effects of low frequency rTMS treatment on brain networks for inner speech in patients with schizophrenia and auditory verbal hallucinations. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017, 78, 105-113.	2.5	33
2617	Differentiation chronic post traumatic stress disorder patients from healthy subjects using objective and subjective sleep-related parameters. <i>Neuroscience Letters</i> , 2017, 650, 174-179.	1.0	13
2618	How restful is it with all that noise? Comparison of Interleaved silent steady state (ISSS) and conventional imaging in resting-state fMRI. <i>NeuroImage</i> , 2017, 147, 726-735.	2.1	38
2619	Distinct Cerebellar Contributions to Cognitive-Perceptual Dynamics During Natural Viewing. <i>Cerebral Cortex</i> , 2017, 27, 5652-5662.	1.6	36
2620	Neural Mechanisms of Updating under Reducible and Irreducible Uncertainty. <i>Journal of Neuroscience</i> , 2017, 37, 6972-6982.	1.7	32
2621	Fornix microalterations associated with early trauma in panic disorder. <i>Journal of Affective Disorders</i> , 2017, 220, 139-146.	2.0	15
2622	How bilingualism protects the brain from aging: Insights from bimodal bilinguals. <i>Human Brain Mapping</i> , 2017, 38, 4109-4124.	1.9	33
2623	Comparison of large-scale human brain functional and anatomical networks in schizophrenia. <i>NeuroImage: Clinical</i> , 2017, 15, 439-448.	1.4	62
2624	The Hierarchy of Brain Networks Is Related to Insulin Growth Factor-1 in a Large, Middle-Aged, Healthy Cohort: An Exploratory Magnetoencephalography Study. <i>Brain Connectivity</i> , 2017, 7, 321-330.	0.8	13
2625	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
2626	EEG activity as an objective measure of cognitive load during effortful listening: A study on pediatric subjects with bilateral, asymmetric sensorineural hearing loss. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2017, 99, 1-7.	0.4	42
2627	Aberrant functional connectivity in depression as an index of state and trait rumination. <i>Scientific Reports</i> , 2017, 7, 2174.	1.6	53
2628	Neurofeedback learning modifies the incidence rate of alpha spindles, but not their duration and amplitude. <i>Scientific Reports</i> , 2017, 7, 3772.	1.6	20
2629	Towards affordable biomarkers of frontotemporal dementia: A classification study via network information sharing. <i>Scientific Reports</i> , 2017, 7, 3822.	1.6	47

#	ARTICLE	IF	CITATIONS
2630	Children's brain activation during risky decision-making: A contributor to substance problems?. Drug and Alcohol Dependence, 2017, 178, 57-65.	1.6	6
2631	An MVPA method based on sparse representation for pattern localization in fMRI data analysis. Neurocomputing, 2017, 269, 206-211.	3.5	5
2632	Disrupted white matter structural networks in healthy older adult APOE $\epsilon$ 4 carriers: An international multicenter DTI study. Neuroscience, 2017, 357, 119-133.	1.1	31
2633	Top-Down Beta Enhances Bottom-Up Gamma. Journal of Neuroscience, 2017, 37, 6698-6711.	1.7	138
2634	Deep sleep maintains learning efficiency of the human brain. Nature Communications, 2017, 8, 15405.	5.8	97
2635	Modulation of brainstem activity and connectivity by respiratory-gated auricular vagal afferent nerve stimulation in migraine patients. Pain, 2017, 158, 1461-1472.	2.0	99
2636	Frontal and subcortical grey matter reductions in PTSD. Psychiatry Research - Neuroimaging, 2017, 266, 1-9.	0.9	53
2637	The association between high levels of cumulative life stress and aberrant resting state EEG dynamics in old age. Biological Psychology, 2017, 127, 64-73.	1.1	23
2638	Diffusion tensor imaging of normal-appearing white matter in patients with neuromyelitis optica spectrum disorder and multiple sclerosis. European Journal of Neurology, 2017, 24, 966-973.	1.7	31
2639	White matter integrity in dyskinetic cerebral palsy: Relationship with intelligence quotient and executive function. NeuroImage: Clinical, 2017, 15, 789-800.	1.4	21
2640	Effects of aripiprazole versus risperidone on brain activation during planning and social-emotional evaluation in schizophrenia: A single-blind randomized exploratory study. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2017, 79, 112-119.	2.5	7
2641	Serum insulin-like growth factor levels are associated with improved white matter recovery after traumatic brain injury. Annals of Neurology, 2017, 82, 30-43.	2.8	19
2642	Assessing the "social brain" in dementia: Applying TASIT-S. Cortex, 2017, 93, 166-177.	1.1	46
2643	Shared states: using MVPA to test neural overlap between self-focused emotion imagery and other-focused emotion understanding. Social Cognitive and Affective Neuroscience, 2017, 12, 1025-1035.	1.5	19
2644	Structural and functional brain signatures of C9orf72 in motor neuron disease. Neurobiology of Aging, 2017, 57, 206-219.	1.5	54
2645	Complementary cortical gray and white matter developmental patterns in healthy, preterm neonates. Human Brain Mapping, 2017, 38, 4322-4336.	1.9	6
2646	Dorsomedial prefrontal cortex supports spontaneous thinking <i>per se</i> . Human Brain Mapping, 2017, 38, 3277-3288.	1.9	13
2647	Habitual sleep durations and subjective sleep quality predict white matter differences in the human brain. Neurobiology of Sleep and Circadian Rhythms, 2017, 3, 17-25.	1.4	41

#	ARTICLE	IF	CITATIONS
2648	EEG oscillatory power dissociates between distress- and depression-related psychopathology in subjective tinnitus. <i>Brain Research</i> , 2017, 1663, 194-204.	1.1	30
2649	The inner world of overactive monitoring: neural markers of interoception in obsessive-compulsive disorder. <i>Psychological Medicine</i> , 2017, 47, 1957-1970.	2.7	65
2650	Reduced white matter integrity and facial emotion perception in never-medicated patients with first-episode schizophrenia: A diffusion tensor imaging study. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017, 77, 57-64.	2.5	12
2651	How task demands shape brain responses to visual food cues. <i>Human Brain Mapping</i> , 2017, 38, 2897-2912.	1.9	14
2652	Imaging decision about whether to benefit self by harming others: Adolescents with conduct and substance problems, with or without callous-unemotionality, or developing typically. <i>Psychiatry Research - Neuroimaging</i> , 2017, 263, 103-112.	0.9	12
2653	Neurophysiological and BOLD signal uncoupling of giant somatosensory evoked potentials in progressive myoclonic epilepsy: a case-series study. <i>Scientific Reports</i> , 2017, 7, 44664.	1.6	7
2654	Attention to Distinct Goal-relevant Features Differentially Guides Semantic Knowledge Retrieval. <i>Journal of Cognitive Neuroscience</i> , 2017, 29, 1178-1193.	1.1	5
2655	Structural and functional hyperconnectivity within the sensorimotor system in xenomelia. <i>Brain and Behavior</i> , 2017, 7, e00657.	1.0	30
2656	Effects of abstinence and chronic cigarette smoking on white matter microstructure in alcohol dependence: Diffusion tensor imaging at 4 T. <i>Drug and Alcohol Dependence</i> , 2017, 175, 42-50.	1.6	16
2657	Distributed neural signatures of natural audiovisual speech and music in the human auditory cortex. <i>NeuroImage</i> , 2017, 157, 108-117.	2.1	7
2658	The role of anxiety in stuttering: Evidence from functional connectivity. <i>Neuroscience</i> , 2017, 346, 216-225.	1.1	24
2659	The neural correlates and clinical characteristics of psychosis in the frontotemporal dementia continuum and the C9orf72 expansion. <i>NeuroImage: Clinical</i> , 2017, 13, 439-445.	1.4	60
2660	Clock genes associate with white matter integrity in depressed bipolar patients. <i>Chronobiology International</i> , 2017, 34, 212-224.	0.9	59
2661	Occipital Nerve Field Transcranial Direct Current Stimulation Normalizes Imbalance Between Pain Detecting and Pain Inhibitory Pathways in Fibromyalgia. <i>Neurotherapeutics</i> , 2017, 14, 484-501.	2.1	27
2662	Potential pitfalls when denoising resting state fMRI data using nuisance regression. <i>NeuroImage</i> , 2017, 154, 159-168.	2.1	105
2663	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
2664	Decoding the Cortical Dynamics of Sound-Meaning Mapping. <i>Journal of Neuroscience</i> , 2017, 37, 1312-1319.	1.7	42
2665	Modular-level alterations of structure-function coupling in schizophrenia connectome. <i>Human Brain Mapping</i> , 2017, 38, 2008-2025.	1.9	42

#	ARTICLE	IF	CITATIONS
2666	Relationship between symptom dimensions and white matter alterations in obsessive-compulsive disorder. <i>Acta Neuropsychiatrica</i> , 2017, 29, 153-163.	1.0	20
2667	Negative induced mood influences word production: An event-related potentials study with a covert picture naming task. <i>Neuropsychologia</i> , 2017, 95, 227-239.	0.7	11
2668	Widespread reduction in sleep spindle activity in socially anxious children and adolescents. <i>Journal of Psychiatric Research</i> , 2017, 88, 47-55.	1.5	34
2669	Sleep-related modifications of EEG connectivity in the sensory-motor networks in Huntington Disease: An eLORETA study and review of the literature. <i>Clinical Neurophysiology</i> , 2017, 128, 1354-1363.	0.7	19
2670	Temporal Characteristics of EEG Microstates Mediate Trial-by-Trial Risk Taking. <i>Brain Topography</i> , 2017, 30, 149-159.	0.8	20
2671	Tracking thoughts: Exploring the neural architecture of mental time travel during mind-wandering. <i>NeuroImage</i> , 2017, 147, 272-281.	2.1	91
2672	Time course and localization of brain activity in humor comprehension: An ERP/sLORETA study. <i>Brain Research</i> , 2017, 1657, 215-222.	1.1	19
2673	Motor cortex plasticity can indicate vulnerability to motor fluctuation and high L-DOPA need in drug-naïve Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2017, 35, 55-62.	1.1	15
2674	Evaluating mechanisms of proactive facilitation in cued recall. <i>Journal of Memory and Language</i> , 2017, 94, 103-118.	1.1	8
2675	Decreased response inhibition to sad faces during explicit and implicit tasks in females with depression: Evidence from an event-related potential study. <i>Psychiatry Research - Neuroimaging</i> , 2017, 259, 42-53.	0.9	14
2676	Language in context: Characterizing the comprehension of referential expressions with MEG. <i>NeuroImage</i> , 2017, 147, 447-460.	2.1	20
2677	Quantitative 3-D Ultrasound of the Medial Gastrocnemius Muscle in Children with Unilateral Spastic Cerebral Palsy. <i>Ultrasound in Medicine and Biology</i> , 2017, 43, 2814-2823.	0.7	42
2678	Docosahexaenoic acid is a beneficial replacement treatment for spinocerebellar ataxia 38. <i>Annals of Neurology</i> , 2017, 82, 615-621.	2.8	30
2679	Fast Gaussian Naïve Bayes for searchlight classification analysis. <i>NeuroImage</i> , 2017, 163, 471-479.	2.1	86
2680	Unaware Processing of Tools in the Neural System for Object-Directed Action Representation. <i>Journal of Neuroscience</i> , 2017, 37, 10712-10724.	1.7	13
2681	Decoding finger movement in humans using synergy of EEG cortical current signals. <i>Scientific Reports</i> , 2017, 7, 11382.	1.6	29
2682	Predictive processing increases intelligibility of acoustically distorted speech: Behavioral and neural correlates. <i>Brain and Behavior</i> , 2017, 7, e00789.	1.0	10
2683	Weak Higher-Order Interactions in Macroscopic Functional Networks of the Resting Brain. <i>Journal of Neuroscience</i> , 2017, 37, 10481-10497.	1.7	8

#	ARTICLE	IF	CITATIONS
2684	Does intercropping enhance yield stability in arable crop production? A meta-analysis. <i>European Journal of Agronomy</i> , 2017, 91, 25-33.	1.9	247
2685	Strength of Temporal White Matter Pathways Predicts Semantic Learning. <i>Journal of Neuroscience</i> , 2017, 37, 11101-11113.	1.7	43
2686	N-back Versus Complex Span Working Memory Training. <i>Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice</i> , 2017, 1, 434-454.	0.8	42
2687	Cognitive task information is transferred between brain regions via resting-state network topology. <i>Nature Communications</i> , 2017, 8, 1027.	5.8	150
2688	Transcranial magnetic stimulation of right inferior parietal cortex causally influences prefrontal activation for visual detection. <i>European Journal of Neuroscience</i> , 2017, 46, 2807-2816.	1.2	8
2689	Tracting the neural basis of music: Deficient structural connectivity underlying acquired amusia. <i>Cortex</i> , 2017, 97, 255-273.	1.1	25
2690	The neural basis of temporal individuation and its capacity limits in the human brain. <i>Journal of Neurophysiology</i> , 2017, 118, 2601-2613.	0.9	3
2691	Functional localization and effective connectivity of cortical theta and alpha oscillatory activity during an attention task. <i>Clinical Neurophysiology Practice</i> , 2017, 2, 193-200.	0.6	32
2692	Microstructural white matter alterations in patients with drug induced parkinsonism. <i>Human Brain Mapping</i> , 2017, 38, 6043-6052.	1.9	4
2693	Pre-surgical mapping of eloquent cortex for paediatric epilepsy surgery candidates: Evidence from a review of advanced functional neuroimaging. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2017, 52, 136-146.	0.9	30
2694	Neural correlates of empathic accuracy in adolescence. <i>Social Cognitive and Affective Neuroscience</i> , 2017, 12, 1701-1710.	1.5	32
2695	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
2696	User-independent diffusion tensor imaging analysis pipelines in a rat model presenting ventriculomegalia: A comparison study. <i>NMR in Biomedicine</i> , 2017, 30, e3793.	1.6	5
2697	The EEG microstate topography is predominantly determined by intracortical sources in the alpha band. <i>NeuroImage</i> , 2017, 162, 353-361.	2.1	105
2698	Should I trust you? Learning and memory of social interactions in dementia. <i>Neuropsychologia</i> , 2017, 104, 157-167.	0.7	17
2699	Improving sensitivity of cluster-based permutation test for EEG/MEG data. , 2017, , .		2
2700	White matter microstructure within the superior longitudinal fasciculus modulates the degree of response conflict indexed by N2 in healthy adults. <i>Brain Research</i> , 2017, 1676, 1-8.	1.1	9
2701	Prosocial deficits in behavioral variant frontotemporal dementia relate to reward network atrophy. <i>Brain and Behavior</i> , 2017, 7, e00807.	1.0	27

#	ARTICLE	IF	CITATIONS
2702	A methodological assessment of studies that use voxel-based morphometry to study neural changes in tinnitus patients. <i>Hearing Research</i> , 2017, 355, 23-32.	0.9	16
2703	Sustained engagement of attention is associated with increased negative self-referent processing in major depressive disorder. <i>Biological Psychology</i> , 2017, 129, 231-241.	1.1	38
2704	The Default Mode Network as a Biomarker of Persistent Complaints after Mild Traumatic Brain Injury: A Longitudinal Functional Magnetic Resonance Imaging Study. <i>Journal of Neurotrauma</i> , 2017, 34, 3262-3269.	1.7	39
2705	Radiation dose to heart base linked with poorer survival in lung cancer patients. <i>European Journal of Cancer</i> , 2017, 85, 106-113.	1.3	136
2706	Distinct Patterns of Temporal and Directional Connectivity among Intrinsic Networks in the Human Brain. <i>Journal of Neuroscience</i> , 2017, 37, 9667-9674.	1.7	31
2707	Alpha/Theta Neurofeedback Increases Mentalization and Default Mode Network Connectivity in a Non-Clinical Sample. <i>Brain Topography</i> , 2017, 30, 822-831.	0.8	26
2708	The Effects of Long-term Abacus Training on Topological Properties of Brain Functional Networks. <i>Scientific Reports</i> , 2017, 7, 8862.	1.6	18
2709	Functional and effective whole brain connectivity using magnetoencephalography to identify monozygotic twin pairs. <i>Scientific Reports</i> , 2017, 7, 9685.	1.6	38
2710	Theta waves in children's waking electroencephalogram resemble local aspects of sleep during wakefulness. <i>Scientific Reports</i> , 2017, 7, 11187.	1.6	45
2711	Multivariate pattern analysis of MEG and EEG: A comparison of representational structure in time and space. <i>NeuroImage</i> , 2017, 158, 441-454.	2.1	98
2712	Supervoxel-based statistical analysis of diffusion tensor imaging in schizotypal personality disorder. <i>NeuroImage</i> , 2017, 163, 368-378.	2.1	6
2713	Characterizing cross-subject spatial interaction patterns in functional magnetic resonance imaging studies: A two-stage point-process model. <i>Biometrical Journal</i> , 2017, 59, 1352-1381.	0.6	0
2714	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
2715	Revisiting the role of the insula and smoking cue-reactivity in relapse: A replication and extension of neuroimaging findings. <i>Drug and Alcohol Dependence</i> , 2017, 179, 8-12.	1.6	38
2716	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
2717	Reading related white matter structures in adolescents are influenced more by dysregulation of emotion than behavior. <i>NeuroImage: Clinical</i> , 2017, 15, 732-740.	1.4	3
2718	Resting-state mu activity modulations are associated with aloofness. <i>Personality and Individual Differences</i> , 2017, 116, 366-371.	1.6	4
2719	Onset age of L2 acquisition influences language network in early and late Cantonese-Mandarin bilinguals. <i>Brain and Language</i> , 2017, 174, 16-28.	0.8	31

#	ARTICLE	IF	CITATIONS
2720	Accelerating permutation testing in voxel-wise analysis through subspace tracking: A new plugin for SnPM. <i>NeuroImage</i> , 2017, 159, 79-98.	2.1	6
2721	A tract-specific approach to assessing white matter in preterm infants. <i>NeuroImage</i> , 2017, 157, 675-694.	2.1	35
2722	Ventricular shape and relative position abnormalities in preterm neonates. <i>NeuroImage: Clinical</i> , 2017, 15, 483-493.	1.4	16
2723	Cortical connectivity modulation during sleep onset: A study via graph theory on EEG data. <i>Human Brain Mapping</i> , 2017, 38, 5456-5464.	1.9	48
2724	Intraindividual Increase of Homeostatic Sleep Pressure Across Acute and Chronic Sleep Loss: A High-Density EEG Study. <i>Sleep</i> , 2017, 40, .	0.6	13
2725	Multimodal MR Imaging Signatures of Cognitive Impairment in Active Professional Fighters. <i>Radiology</i> , 2017, 285, 555-567.	3.6	23
2726	Investigation of the Changes in the Power Distribution in Resting-State Brain Networks Associated with Pure Conduct Disorder. <i>Scientific Reports</i> , 2017, 7, 5528.	1.6	3
2727	Selective entrainment of brain oscillations drives auditory perceptual organization. <i>NeuroImage</i> , 2017, 159, 195-206.	2.1	25
2728	Association between the scores of the Japanese version of the Brief Assessment of Cognition in Schizophrenia and whole-brain structure in patients with chronic schizophrenia: A voxel-based morphometry and diffusion tensor imaging study. <i>Psychiatry and Clinical Neurosciences</i> , 2017, 71, 826-835.	1.0	20
2729	Mapping the basal ganglia alterations in children chronically exposed to manganese. <i>Scientific Reports</i> , 2017, 7, 41804.	1.6	34
2730	Decoding cognitive concepts from neuroimaging data using multivariate pattern analysis. <i>NeuroImage</i> , 2017, 159, 449-458.	2.1	14
2731	A test-retest study on Parkinson's PPMI dataset yields statistically significant white matter fascicles. <i>NeuroImage: Clinical</i> , 2017, 16, 222-233.	1.4	119
2732	The effects of memory training on behavioral and microstructural plasticity in young and older adults. <i>Human Brain Mapping</i> , 2017, 38, 5666-5680.	1.9	43
2733	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
2734	Action observation effects reflect the modular organization of the human motor system. <i>Cortex</i> , 2017, 95, 104-118.	1.1	16
2735	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
2736	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
2737	Gaze Cueing with a Vibrotactile Headband for a Visual Search Task. <i>Augmented Human Research</i> , 2017, 2, 1.	3.5	1



#	ARTICLE	IF	CITATIONS
2738	Univariate comparisons given aggregated normative data. <i>Clinical Neuropsychologist</i> , 2017, 31, 1155-1172.	1.5	1
2739	STRUCTURAL BRAIN NETWORK ABNORMALITIES IN SUBJECTS WITH INTERNET ADDICTION. <i>Journal of Mechanics in Medicine and Biology</i> , 2017, 17, 1740031.	0.3	8
2740	Brain Network Correlates of Emotional Aging. <i>Scientific Reports</i> , 2017, 7, 15576.	1.6	8
2741	Supramammillary glutamate neurons are a key node of the arousal system. <i>Nature Communications</i> , 2017, 8, 1405.	5.8	131
2742	Determining the Neural Substrate for Encoding a Memory of Human Pain and the Influence of Anxiety. <i>Journal of Neuroscience</i> , 2017, 37, 11806-11817.	1.7	29
2743	Resting-State fMRI Functional Connectivity: Big Data Preprocessing Pipelines and Topological Data Analysis. <i>IEEE Transactions on Big Data</i> , 2017, 3, 415-428.	4.4	43
2744	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
2745	White matter microstructure of 6-year old children born preterm and full term. <i>NeuroImage: Clinical</i> , 2017, 16, 268-275.	1.4	25
2746	The effects of AMPA receptor blockade on resting magnetoencephalography recordings. <i>Journal of Psychopharmacology</i> , 2017, 31, 1527-1536.	2.0	14
2747	Structural Integrity in the Genu of Corpus Callosum Predicts Conflict-induced Functional Connectivity Between Medial Frontal Cortex and Right Posterior Parietal Cortex. <i>Neuroscience</i> , 2017, 366, 162-171.	1.1	10
2748	Associations between psychopathic traits and brain activity during instructed false responding. <i>Psychiatry Research - Neuroimaging</i> , 2017, 266, 123-137.	0.9	8
2749	Altered interhemispheric functional connectivity in remitted bipolar disorder: A Resting State fMRI Study. <i>Scientific Reports</i> , 2017, 7, 4698.	1.6	23
2750	Hyper-brain connectivity in binge drinking college students: a diffusion tensor imaging study. <i>Neurocase</i> , 2017, 23, 179-186.	0.2	6
2751	The integration of social influence and reward: Computational approaches and neural evidence. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2017, 17, 784-808.	1.0	3
2752	Topologically convergent and divergent functional connectivity patterns in unmedicated unipolar depression and bipolar disorder. <i>Translational Psychiatry</i> , 2017, 7, e1165-e1165.	2.4	105
2753	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
2754	Directional cueing of gaze with a vibrotactile headband. , 2017, , .		7
2755	Statistical non-parametric mapping in sensor space. <i>Biomedical Engineering Letters</i> , 2017, 7, 193-203.	2.1	21

#	ARTICLE	IF	CITATIONS
2756	Integrating Corpus-Linguistic and Conversation-Analytic Transcription in XML: The Case of Backchannels and Overlap in Storytelling Interaction. <i>Corpus Pragmatics</i> , 2017, 1, 201-232.	0.3	16
2757	The effects of analgesics on central processing of tonic pain: A cross-over placebo controlled study. <i>Neuropharmacology</i> , 2017, 123, 455-464.	2.0	12
2758	Acute effects and after-effects of acoustic coordinated reset neuromodulation in patients with chronic subjective tinnitus. <i>NeuroImage: Clinical</i> , 2017, 15, 541-558.	1.4	34
2759	Separability of motor imagery of the self from interpretation of motor intentions of others at the single trial level: an EEG study. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2017, 14, 63.	2.4	8
2760	Brain regions and functional interactions supporting early word recognition in the face of input variability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 7588-7593.	3.3	13
2761	Statistical Permutation-based Artery Mapping (SPAM): a novel approach to evaluate imaging signals in the vessel wall. <i>BMC Medical Imaging</i> , 2017, 17, 36.	1.4	1
2762	Altered interregional correlations between serotonin transporter availability and cerebral glucose metabolism in schizophrenia: A high-resolution PET study using [ 11 C]DASB and [ 18 F]FDG. <i>Schizophrenia Research</i> , 2017, 182, 55-65.	1.1	20
2763	Sleep EEG maps the functional neuroanatomy of executive processes in adolescents born very preterm. <i>Cortex</i> , 2017, 86, 11-21.	1.1	22
2764	The behavioral approach system and augmenting/reducing in auditory event-related potentials during emotional visual stimulation. <i>Biological Psychology</i> , 2017, 123, 310-323.	1.1	7
2765	Sleep Deprivation Makes the Young Brain Resemble the Elderly Brain: A Large-Scale Brain Networks Study. <i>Brain Connectivity</i> , 2017, 7, 58-68.	0.8	26
2766	White matter properties differ in 6-year old Readers and Pre-readers. <i>Brain Structure and Function</i> , 2017, 222, 1685-1703.	1.2	34
2767	Coping food craving with neurofeedback. Evaluation of the usefulness of alpha/theta training in a non-clinical sample. <i>International Journal of Psychophysiology</i> , 2017, 112, 89-97.	0.5	22
2768	Abnormal Brain Responses to Action Observation in Complex Regional Pain Syndrome. <i>Journal of Pain</i> , 2017, 18, 255-265.	0.7	14
2769	A statistical framework for neuroimaging data analysis based on mutual information estimated via a gaussian copula. <i>Human Brain Mapping</i> , 2017, 38, 1541-1573.	1.9	225
2770	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
2771	Novel Analytic Methods Needed for Real-Time Continuous Core Body Temperature Data. <i>Western Journal of Nursing Research</i> , 2017, 39, 95-111.	0.6	11
2772	Right sensory-motor functional networks subserve action observation therapy in aphasia. <i>Brain Imaging and Behavior</i> , 2017, 11, 1397-1411.	1.1	29
2773	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

#	ARTICLE	IF	CITATIONS
2774	Decoding Dynamic Brain Patterns from Evoked Responses: A Tutorial on Multivariate Pattern Analysis Applied to Time Series Neuroimaging Data. <i>Journal of Cognitive Neuroscience</i> , 2017, 29, 677-697.	1.1	490
2775	Action observation training modifies brain gray matter structure in healthy adult individuals. <i>Brain Imaging and Behavior</i> , 2017, 11, 1343-1352.	1.1	12
2776	Comparison of a non-stationary voxelation-corrected cluster-size test with TFCE for group-level MRI inference. <i>Human Brain Mapping</i> , 2017, 38, 1269-1280.	1.9	23
2777	Adult-like processing of time-compressed speech by newborns: A NIRS study. <i>Developmental Cognitive Neuroscience</i> , 2017, 25, 176-184.	1.9	18
2778	Ipsilateral Alteration of Resting State Activity Suggests That Cortical Dysfunction Contributes to the Pathogenesis of Cluster Headache. <i>Brain Topography</i> , 2017, 30, 281-289.	0.8	16
2779	Maternal Depression Across the First Years of Life Impacts the Neural Basis of Empathy in Preadolescence. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2017, 56, 20-29.e3.	0.3	35
2780	Mu rhythm suppression is associated with the classification of emotion in faces. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2017, 17, 224-234.	1.0	22
2781	Vibrotactile stimulation of the head enables faster gaze gestures. <i>International Journal of Human Computer Studies</i> , 2017, 98, 62-71.	3.7	4
2782	Cerebrospinal Fluid Biomarkers of Alzheimer's Disease Correlate With Electroencephalography Parameters Assessed by Exact Low-Resolution Electromagnetic Tomography (eLORETA). <i>Clinical EEG and Neuroscience</i> , 2017, 48, 338-347.	0.9	11
2783	Severity of clinical presentation in youth with type 1 diabetes is associated with differences in brain structure. <i>Pediatric Diabetes</i> , 2017, 18, 686-695.	1.2	30
2784	Lesion Topography and Microscopic White Matter Tract Damage Contribute to Cognitive Impairment in Symptomatic Carotid Artery Disease. <i>Radiology</i> , 2017, 282, 502-515.	3.6	16
2785	Electro-physiological changes in the brain induced by caffeine or glucose nasal spray. <i>Psychopharmacology</i> , 2017, 234, 53-62.	1.5	19
2786	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
2787	The corticospinal tract profile in amyotrophic lateral sclerosis. <i>Human Brain Mapping</i> , 2017, 38, 727-739.	1.9	54
2788	Associations between autistic traits and fractional anisotropy values in white matter tracts in a nonclinical sample of young adults. <i>Experimental Brain Research</i> , 2017, 235, 259-267.	0.7	8
2789	Intrinsic functional connectivity alterations in cognitively intact elderly APOE $\epsilon$ 4 carriers measured by eigenvector centrality mapping are related to cognition and CSF biomarkers: a preliminary study. <i>Brain Imaging and Behavior</i> , 2017, 11, 1290-1301.	1.1	26
2790	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
2791	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

#	ARTICLE	IF	CITATIONS
2792	White matter correlates of anxiety sensitivity in panic disorder. <i>Journal of Affective Disorders</i> , 2017, 207, 148-156.	2.0	38
2793	Brain activation in response to bladder filling in healthy adults: An activation likelihood estimation meta-analysis of neuroimaging studies. <i>Neurourology and Urodynamics</i> , 2017, 36, 960-965.	0.8	25
2794	Fear reduction without fear through reinforcement of neural activity that bypasses conscious exposure. <i>Nature Human Behaviour</i> , 2017, 1, .	6.2	113
2795	Pupillary response indexes the metrical hierarchy of unattended rhythmic violations. <i>Brain and Cognition</i> , 2017, 111, 95-103.	0.8	30
2796	Local texture descriptors for the assessment of differences in diffusion magnetic resonance imaging of the brain. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2017, 12, 389-398.	1.7	2
2797	Probabilistic mapping of deep brain stimulation effects in essential tremor. <i>NeuroImage: Clinical</i> , 2017, 13, 164-173.	1.4	91
2798	Reorganization of brain connectivity in obesity. <i>Human Brain Mapping</i> , 2017, 38, 1403-1420.	1.9	65
2799	Independent functional connectivity networks underpin food and monetary reward sensitivity in excess weight. <i>NeuroImage</i> , 2017, 146, 293-300.	2.1	29
2800	Compromised Neurocircuitry in Chronic Blast-Related Mild Traumatic Brain Injury. <i>Human Brain Mapping</i> , 2017, 38, 352-369.	1.9	43
2801	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
2802	A Deep Learning Approach for Classification of Reaching Targets from EEG Images. , 2017, , .		12
2803	The electrophysiological connectome is maintained in healthy elders: a power envelope correlation MEG study. <i>Scientific Reports</i> , 2017, 7, 13984.	1.6	28
2804	Functional connectivity and cognitive impairment in migraine with and without aura. <i>Journal of Headache and Pain</i> , 2017, 18, 72.	2.5	53
2805	Phase-amplitude coupling analysis of spontaneous EEG activity in Alzheimer's disease. , 2017, 2017, 2259-2262.		16
2806	Plasticity in deep and superficial white matter: a DTI study in world class gymnasts. <i>Brain Structure and Function</i> , 2018, 223, 1849-1862.	1.2	18
2807	Permutations of functional magnetic resonance imaging classification may not be normally distributed. <i>Statistical Methods in Medical Research</i> , 2017, 26, 2567-2585.	0.7	1
2808	Functional and spatial segregation within the inferior frontal and superior temporal cortices during listening, articulation imagery, and production of vowels. <i>Scientific Reports</i> , 2017, 7, 17029.	1.6	23
2809	The Coordinate-Based Meta-Analysis of Neuroimaging Data. <i>Statistical Science</i> , 2017, 32, 580-599.	1.6	38

#	ARTICLE	IF	CITATIONS
2810	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
2811	Pairing sound with vagus nerve stimulation modulates cortical synchrony and phase coherence in tinnitus: An exploratory retrospective study. <i>Scientific Reports</i> , 2017, 7, 17345.	1.6	42
2812	Decoding of auditory and tactile perceptual decisions in parietal cortex. <i>NeuroImage</i> , 2017, 162, 297-305.	2.1	10
2813	Inhibition of retrieval in hypnotic amnesia: dissociation by upper-alpha gating. <i>Neuroscience of Consciousness</i> , 2017, 2017, nix005.	1.4	3
2814	Perception of social synchrony induces mother-child gamma coupling in the social brain. <i>Social Cognitive and Affective Neuroscience</i> , 2017, 12, 1036-1046.	1.5	85
2815	EEG Spectral Generators Involved in Motor Imagery: A swLORETA Study. <i>Frontiers in Psychology</i> , 2017, 8, 2133.	1.1	31
2816	Reduced Resting-State Functional Connectivity in Current and Recovered Restrictive Anorexia Nervosa. <i>Frontiers in Psychiatry</i> , 2017, 8, 30.	1.3	23
2817	Altered Gray-Matter Volumes Associated With Betel Quid Dependence. <i>Frontiers in Psychiatry</i> , 2017, 8, 139.	1.3	12
2818	White Matter Integrity Deficit Associated with Betel Quid Dependence. <i>Frontiers in Psychiatry</i> , 2017, 8, 201.	1.3	15
2819	Statistical Shape Analysis for Brain Structures. , 2017, , 351-378.		4
2820	P300 Source Localization Contrasts in Body-Focused Repetitive Behaviors and Tic Disorders. <i>Brain Sciences</i> , 2017, 7, 76.	1.1	2
2821	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
2822	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
2823	Modafinil-Induced Changes in Functional Connectivity in the Cortex and Cerebellum of Healthy Elderly Subjects. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 85.	1.7	8
2824	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
2825	Frequency-Dependent Altered Functional Connections of Default Mode Network in Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 259.	1.7	30
2826	Apathy in Patients with Parkinson's Disease Correlates with Alteration of Left Fronto-Polar Electroencephalographic Connectivity. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 262.	1.7	11
2827	Altered Behavioral and Autonomic Pain Responses in Alzheimer's Disease Are Associated with Dysfunctional Affective, Self-Reflective and Salience Network Resting-State Connectivity. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 297.	1.7	17

#	ARTICLE	IF	CITATIONS
2828	The Brain of Binge Drinkers at Rest: Alterations in Theta and Beta Oscillations in First-Year College Students with a Binge Drinking Pattern. <i>Frontiers in Behavioral Neuroscience</i> , 2017, 11, 168.	1.0	21
2829	Resting State fMRI in Mice Reveals Anesthesia Specific Signatures of Brain Functional Networks and Their Interactions. <i>Frontiers in Neural Circuits</i> , 2017, 11, 5.	1.4	60
2830	Abnormal Resting-State Functional Connectivity in Progressive Supranuclear Palsy and Corticobasal Syndrome. <i>Frontiers in Neurology</i> , 2017, 8, 248.	1.1	30
2831	Dysfunctional Brain Networking among Autonomic Regulatory Structures in Temporal Lobe Epilepsy Patients at High Risk of Sudden Unexpected Death in Epilepsy. <i>Frontiers in Neurology</i> , 2017, 8, 544.	1.1	69
2832	Can the Psycho-Emotional State be Optimized by Regular Use of Positive Imagery?, Psychological and Electroencephalographic Study of Self-Guided Training. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 664.	1.0	5
2833	Auditory, Visual and Audiovisual Speech Processing Streams in Superior Temporal Sulcus. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 174.	1.0	44
2834	A Quantitative Electroencephalography Study on Cochlear Implant-Induced Cortical Changes in Single-Sided Deafness with Tinnitus. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 210.	1.0	17
2835	Age-Related Brain Activation Changes during Rule Repetition in Word-Matching. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 543.	1.0	4
2836	The Dancing Brain: Structural and Functional Signatures of Expert Dance Training. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 566.	1.0	56
2837	White Matter Microstructural Changes Following Quadrato Motor Training: A Longitudinal Study. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 590.	1.0	32
2838	iElectrodes: A Comprehensive Open-Source Toolbox for Depth and Subdural Grid Electrode Localization. <i>Frontiers in Neuroinformatics</i> , 2017, 11, 14.	1.3	58
2839	Resting State fMRI Functional Connectivity Analysis Using Dynamic Time Warping. <i>Frontiers in Neuroscience</i> , 2017, 11, 75.	1.4	63
2840	Latent and Abnormal Functional Connectivity Circuits in Autism Spectrum Disorder. <i>Frontiers in Neuroscience</i> , 2017, 11, 125.	1.4	14
2841	Classical Statistics and Statistical Learning in Imaging Neuroscience. <i>Frontiers in Neuroscience</i> , 2017, 11, 543.	1.4	116
2842	Local Fields in Human Subthalamic Nucleus Track the Lead-up to Impulsive Choices. <i>Frontiers in Neuroscience</i> , 2017, 11, 646.	1.4	11
2843	The Temporal Pattern of a Lesion Modulates the Functional Network Topology of Remote Brain Regions. <i>Neural Plasticity</i> , 2017, 2017, 1-11.	1.0	20
2844	Alterations in Cortical Thickness and White Matter Integrity in Mild-to-Moderate Communicating Hydrocephalic School-Aged Children Measured by Whole-Brain Cortical Thickness Mapping and DTI. <i>Neural Plasticity</i> , 2017, 2017, 1-6.	1.0	10
2845	Electroacupuncture Regulates Hippocampal Synaptic Plasticity via miR-134-Mediated LIMK1 Function in Rats with Ischemic Stroke. <i>Neural Plasticity</i> , 2017, 2017, 1-11.	1.0	49

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2846	Characterization of cortical source generators based on electroencephalography during tonic pain. <i>Journal of Pain Research</i> , 2017, Volume 10, 1401-1409.	0.8	20
2847	Action Video Game Experience Related to Altered Large-Scale White Matter Networks. <i>Neural Plasticity</i> , 2017, 2017, 1-7.	1.0	17
2848	Functional Brain Networks in Parkinson's Disease. , 2017, , .		2
2849	Comparing TMS perturbations to occipital and parietal cortices in concurrent TMS-fMRI studiesâ€”Methodological considerations. <i>PLoS ONE</i> , 2017, 12, e0181438.	1.1	9
2850	Similar white matter changes in schizophrenia and bipolar disorder: A tract-based spatial statistics study. <i>PLoS ONE</i> , 2017, 12, e0178089.	1.1	63
2851	Hippocampus and amygdala radiomic biomarkers for the study of autism spectrum disorder. <i>BMC Neuroscience</i> , 2017, 18, 52.	0.8	81
2852	White matter damage in maintenance hemodialysis patients: a diffusion tensor imaging study. <i>BMC Nephrology</i> , 2017, 18, 213.	0.8	36
2853	Impaired mixed emotion processing in the right ventrolateral prefrontal cortex in schizophrenia: an fMRI study. <i>BMC Psychiatry</i> , 2017, 17, 391.	1.1	6
2854	Comparison of Cortical and Subcortical Measurements in Normal Older Adults across Databases and Software Packages. <i>Journal of Alzheimer's Disease Reports</i> , 2017, 1, 59-70.	1.2	7
2855	Dynamic abnormalities of spontaneous brain activity in women with primary dysmenorrhea. <i>Journal of Pain Research</i> , 2017, Volume 10, 699-707.	0.8	21
2856	Expectation modulates repetition priming under high stimulus variability. <i>Journal of Vision</i> , 2017, 17, 10.	0.1	8
2857	Cortical Circuit for Binding Object Identity and Location During Multiple-Object Tracking. <i>Cerebral Cortex</i> , 2017, 27, 162-172.	1.6	21
2858	The structural and functional brain networks that support human social networks. <i>Behavioural Brain Research</i> , 2018, 355, 12-23.	1.2	92
2859	Feasibility Testing of a Wearable Behavioral Aid for Social Learning in Children with Autism. <i>Applied Clinical Informatics</i> , 2018, 09, 129-140.	0.8	55
2860	Alteration in intrinsic and extrinsic functional connectivity of resting state networks associated with subclinical hypothyroidism. <i>Journal of Neuroendocrinology</i> , 2018, 30, e12587.	1.2	16
2861	Social, motor, and cognitive development through the lens of sleep network dynamics in infants and toddlers between 12 and 30 months of age. <i>Sleep</i> , 2018, 41, .	0.6	30
2862	Doctor, Teacher, and Stethoscope: Neural Representation of Different Types of Semantic Relations. <i>Journal of Neuroscience</i> , 2018, 38, 3303-3317.	1.7	51
2863	Cortical Thickness. <i>Neuroinformatics</i> , 2018, , 35-49.	0.2	11

#	ARTICLE	IF	CITATIONS
2864	An 8/15-channel Tx/Rx head neck RF coil combination with region-specific B <sub>1</sub> + shimming for whole-brain MRI focused on the cerebellum at 7T. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 1252-1265.	1.9	19
2865	Dogs and Crime. <i>Society and Animals</i> , 2018, 26, 34-53.	0.1	3
2866	Statistical testing and power analysis for brain-wide association study. <i>Medical Image Analysis</i> , 2018, 47, 15-30.	7.0	18
2867	Cortical and subcortical gray matter bases of cognitive deficits in REM sleep behavior disorder. <i>Neurology</i> , 2018, 90, e1759-e1770.	1.5	74
2868	Subanaesthetic ketamine and altered states of consciousness in humans. <i>British Journal of Anaesthesia</i> , 2018, 121, 249-259.	1.5	66
2869	Increased temporal variability of striatum region facilitating the early antidepressant response in patients with major depressive disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 85, 39-45.	2.5	40
2870	Alterations in white matter network topology contribute to freezing of gait in Parkinson's disease. <i>Journal of Neurology</i> , 2018, 265, 1353-1364.	1.8	37
2871	Risk seeking for losses modulates the functional connectivity of the default mode and left frontoparietal networks in young males. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2018, 18, 536-549.	1.0	7
2872	Task-positive and task-negative networks in major depressive disorder: A combined fMRI and EEG study. <i>Journal of Affective Disorders</i> , 2018, 235, 211-219.	2.0	37
2873	Normal brain imaging accompanies neuroimmunologically justified, autoimmune encephalomyelitis. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2018, 5, e456.	3.1	12
2874	Decreased Event-Related Beta Synchronization During Memory Maintenance Marks Early Cognitive Decline in Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2018, 63, 489-502.	1.2	18
2875	Differential effect of disease-associated ST8SIA2 haplotype on cerebral white matter diffusion properties in schizophrenia and healthy controls. <i>Translational Psychiatry</i> , 2018, 8, 21.	2.4	9
2876	Topological properties of the structural brain network constructed using the $\epsilon$ -neighbor method. <i>IEEE Transactions on Biomedical Engineering</i> , 2018, 65, 1-1.	2.5	21
2877	Distinct manifestation of cognitive deficits associate with different resting-state network disruptions in non-demented patients with Parkinson's disease. <i>Journal of Neurology</i> , 2018, 265, 688-700.	1.8	34
2878	Dysfunctional Limbic Circuitry Underlying Freezing of Gait in Parkinson's Disease. <i>Neuroscience</i> , 2018, 374, 119-132.	1.1	91
2879	Beyond the face: how context modulates emotion processing in frontotemporal dementia subtypes. <i>Brain</i> , 2018, 141, 1172-1185.	3.7	67
2880	Applications of Community Detection Techniques to Brain Graphs: Algorithmic Considerations and Implications for Neural Function. <i>Proceedings of the IEEE</i> , 2018, 106, 846-867.	16.4	94
2881	Neural source dynamics of brain responses to continuous stimuli: Speech processing from acoustics to comprehension. <i>NeuroImage</i> , 2018, 172, 162-174.	2.1	115



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2882	Telomere length and advanced diffusion MRI as biomarkers for repetitive mild traumatic brain injury in adolescent rats. <i>NeuroImage: Clinical</i> , 2018, 18, 315-324.	1.4	36
2883	The consonant/vowel pattern determines the structure of orthographic representations in the left fusiform gyrus. <i>Cortex</i> , 2018, 101, 73-86.	1.1	7
2884	Damage of the temporal lobe and APOE status determine neural compensation in mild cognitive impairment. <i>Cortex</i> , 2018, 101, 136-153.	1.1	6
2885	The functional network signature of heterogeneity in freezing of gait. <i>Brain</i> , 2018, 141, 1145-1160.	3.7	116
2886	Sleep quality and adolescent default mode network connectivity. <i>Social Cognitive and Affective Neuroscience</i> , 2018, 13, 290-299.	1.5	56
2887	Altered Signaling in the Descending Pain-modulatory System after Short-Term Infusion of the $\mu$ -Opioid Agonist Remifentanyl. <i>Journal of Neuroscience</i> , 2018, 38, 2454-2470.	1.7	25
2888	Movement Kinematics Dynamically Modulates the Rolandic $\beta$ -20-Hz Rhythm During Goal-Directed Executed and Observed Hand Actions. <i>Brain Topography</i> , 2018, 31, 566-576.	0.8	4
2889	Explorative analysis of $^{18}$ F-IPDA SPECT data through statistical inference for an automated diagnosis of glioma tumor. <i>Medical Physics</i> , 2018, 45, 1108-1117.	1.6	0
2890	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
2891	International Cognition and Cancer Task Force Recommendations for Neuroimaging Methods in the Study of Cognitive Impairment in Non-CNS Cancer Patients. <i>Journal of the National Cancer Institute</i> , 2018, 110, 223-231.	3.0	71
2892	Linking late cognitive outcome with glioma surgery location using resection cavity maps. <i>Human Brain Mapping</i> , 2018, 39, 2064-2074.	1.9	38
2893	The Association among Default Mode Network Functional Connectivity, Mentalization, and Psychopathology in a Nonclinical Sample: An eLORETA Study. <i>Psychopathology</i> , 2018, 51, 16-23.	1.1	14
2894	Dopaminergic abnormalities following traumatic brain injury. <i>Brain</i> , 2018, 141, 797-810.	3.7	53
2895	Tracking brain damage in progressive supranuclear palsy: a longitudinal MRI study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 696-701.	0.9	18
2896	High-definition transcranial direct current stimulation ( $^{1}$ HD-tDCS) of left dorsolateral prefrontal cortex affects performance in Balloon Analogue Risk Task (BART). <i>Brain and Behavior</i> , 2018, 8, e00884.	1.0	31
2897	Connectivity-based characterisation of subcortical grey matter pathology in frontotemporal dementia and ALS: a multimodal neuroimaging study. <i>Brain Imaging and Behavior</i> , 2018, 12, 1696-1707.	1.1	89
2898	Task-Modulated Cortical Representations of Natural Sound Source Categories. <i>Cerebral Cortex</i> , 2018, 28, 295-306.	1.6	10
2899	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

#	ARTICLE	IF	CITATIONS
2900	Cluster-level statistical inference in fMRI datasets: The unexpected behavior of random fields in high dimensions. <i>Magnetic Resonance Imaging</i> , 2018, 49, 101-115.	1.0	29
2901	Cross multivariate correlation coefficients as screening tool for analysis of concurrent EEG&fMRI recordings. <i>Journal of Neuroscience Research</i> , 2018, 96, 1159-1175.	1.3	6
2902	EEG Dynamics and Neural Generators in Implicit Navigational Image Processing in Adults with ADHD. <i>Neuroscience</i> , 2018, 373, 92-105.	1.1	18
2903	Suprathreshold fiber cluster statistics: Leveraging white matter geometry to enhance tractography statistical analysis. <i>NeuroImage</i> , 2018, 171, 341-354.	2.1	26
2904	The neural correlates of the unified percept of alcohol-related craving: a fMRI and EEG study. <i>Scientific Reports</i> , 2018, 8, 923.	1.6	59
2905	Multiple cortical thickness sub-networks and cognitive impairments in first episode, drug naïve patients with late life depression: A graph theory analysis. <i>Journal of Affective Disorders</i> , 2018, 229, 538-545.	2.0	8
2906	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
2907	Brain resting&state networks in adolescents with high&functioning autism: Analysis of spatial connectivity and temporal neurodynamics. <i>Brain and Behavior</i> , 2018, 8, e00878.	1.0	24
2908	Multi-Table Differential Correlation Analysis of Neuroanatomical and Cognitive Interactions in Turner Syndrome. <i>Neuroinformatics</i> , 2018, 16, 81-93.	1.5	1
2909	Phonotactic processing deficit following left-hemisphere stroke. <i>Cortex</i> , 2018, 99, 346-357.	1.1	15
2910	False positive rates in surface-based anatomical analysis. <i>NeuroImage</i> , 2018, 171, 6-14.	2.1	177
2911	Challenges and techniques for presurgical brain mapping with functional MRI. <i>NeuroImage: Clinical</i> , 2018, 17, 794-803.	1.4	107
2912	Convergence of spoken and written language processing in the superior temporal sulcus. <i>NeuroImage</i> , 2018, 171, 62-74.	2.1	79
2913	Anatomical Wiring and Functional Networking Changes in the Visual System Following Optic Neuritis. <i>JAMA Neurology</i> , 2018, 75, 287.	4.5	39
2914	White matter integrity alterations in post&traumatic stress disorder. <i>Human Brain Mapping</i> , 2018, 39, 1327-1338.	1.9	51
2915	Contrasting functional imaging parametric maps: The mislocation problem and alternative solutions. <i>NeuroImage</i> , 2018, 169, 200-211.	2.1	33
2916	Monaural-driven Functional Changes within and Beyond the Auditory Cortical Network: Evidence from Long-term Unilateral Hearing Impairment. <i>Neuroscience</i> , 2018, 371, 296-308.	1.1	15
2917	Fast permutation tests and related methods, for association between rare variants and binary outcomes. <i>Annals of Human Genetics</i> , 2018, 82, 93-101.	0.3	6

#	ARTICLE	IF	CITATIONS
2918	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
2919	Delta (but not theta) band cortical entrainment involves speech-specific processing. <i>European Journal of Neuroscience</i> , 2018, 48, 2642-2650.	1.2	91
2920	Effect of cholinergic treatment depends on cholinergic integrity in early Alzheimer's disease. <i>Brain</i> , 2018, 141, 903-915.	3.7	65
2921	Theta resting EEG in TPJ/pSTS is associated with individual differences in the feeling of being looked at. <i>Social Cognitive and Affective Neuroscience</i> , 2018, 13, 216-223.	1.5	14
2922	Minocycline reduces chronic microglial activation after brain trauma but increases neurodegeneration. <i>Brain</i> , 2018, 141, 459-471.	3.7	143
2923	Fibre-specific white matter reductions in Alzheimer's disease and mild cognitive impairment. <i>Brain</i> , 2018, 141, 888-902.	3.7	226
2924	The spatio-temporal dynamics of deviance and target detection in the passive and active auditory oddball paradigm: a sLORETA study. <i>BMC Neuroscience</i> , 2018, 19, 25.	0.8	35
2925	Behavioral and Neural Representations of Spatial Directions across Words, Schemas, and Images. <i>Journal of Neuroscience</i> , 2018, 38, 4996-5007.	1.7	38
2926	Neuromagnetic Cerebellar Activity Entrain to the Kinematics of Executed Finger Movements. <i>Cerebellum</i> , 2018, 17, 531-539.	1.4	7
2927	White matter microstructure alterations correlate with terminally differentiated CD8+ effector T cell depletion in the peripheral blood in mania: Combined DTI and immunological investigation in the different phases of bipolar disorder. <i>Brain, Behavior, and Immunity</i> , 2018, 73, 192-204.	2.0	30
2928	Abnormal hippocampal theta and gamma hypersynchrony produces network and spike timing disturbances in the Fmr1-KO mouse model of Fragile X syndrome. <i>Neurobiology of Disease</i> , 2018, 114, 65-73.	2.1	28
2929	Sensory threshold neuromuscular electrical stimulation fosters motor imagery performance. <i>NeuroImage</i> , 2018, 176, 268-276.	2.1	47
2930	Ultra-slow mechanical stimulation of olfactory epithelium modulates consciousness by slowing cerebral rhythms in humans. <i>Scientific Reports</i> , 2018, 8, 6581.	1.6	32
2931	Recurrence of task-related electroencephalographic activity during post-training quiet rest and sleep. <i>Scientific Reports</i> , 2018, 8, 5398.	1.6	27
2932	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
2933	Identification of task sets within and across stimulus modalities. <i>Neuropsychologia</i> , 2018, 113, 78-84.	0.7	1
2934	Lesion mapping in acute stroke aphasia and its implications for recovery. <i>Neuropsychologia</i> , 2018, 115, 88-100.	0.7	56
2935	Exploring the effects of anodal and cathodal high definition transcranial direct current stimulation targeting the dorsal anterior cingulate cortex. <i>Scientific Reports</i> , 2018, 8, 4454.	1.6	42

#	ARTICLE	IF	CITATIONS
2936	Looking but not seeing: Increased eye fixations in behavioural-variant frontotemporal dementia. <i>Cortex</i> , 2018, 103, 71-81.	1.1	24
2937	Task-dependent enhancement of facial expression and identity representations in human cortex. <i>NeuroImage</i> , 2018, 172, 689-702.	2.1	32
2938	Neural oscillations during conditional associative learning. <i>NeuroImage</i> , 2018, 174, 485-493.	2.1	27
2939	A force profile analysis comparison between functional data analysis, statistical parametric mapping and statistical non-parametric mapping in on-water single sculling. <i>Journal of Science and Medicine in Sport</i> , 2018, 21, 1100-1105.	0.6	37
2940	Connectivity of the precuneus-posterior cingulate cortex with the anterior cingulate cortex-medial prefrontal cortex differs consistently between control subjects and first-episode psychosis patients during a movie stimulus. <i>Schizophrenia Research</i> , 2018, 199, 235-242.	1.1	11
2941	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
2942	Elevated body-mass index is associated with reduced white matter integrity in two large independent cohorts. <i>Psychoneuroendocrinology</i> , 2018, 91, 179-185.	1.3	55
2943	Theta Coherence Asymmetry in the Dorsal Stream of Musicians Facilitates Word Learning. <i>Scientific Reports</i> , 2018, 8, 4565.	1.6	9
2944	Association of Hippocampal Substructure Resting-State Functional Connectivity with Memory Performance in Older Adults. <i>American Journal of Geriatric Psychiatry</i> , 2018, 26, 690-699.	0.6	15
2945	Perspectives on Machine Learning for Classification of Schizotypy Using fMRI Data. <i>Schizophrenia Bulletin</i> , 2018, 44, S480-S490.	2.3	19
2946	Histogram-Based Features Selection and Volume of Interest Ranking for Brain PET Image Classification. <i>IEEE Journal of Translational Engineering in Health and Medicine</i> , 2018, 6, 1-12.	2.2	32
2947	Neural mechanisms of two different verbal working memory tasks: A VLSM study. <i>Neuropsychologia</i> , 2018, 115, 25-41.	0.7	34
2948	Human V4 Activity Patterns Predict Behavioral Performance in Imagery of Object Color. <i>Journal of Neuroscience</i> , 2018, 38, 3657-3668.	1.7	32
2949	MIDAS: Regionally linear multivariate discriminative statistical mapping. <i>NeuroImage</i> , 2018, 174, 111-126.	2.1	15
2950	Low Rank plus Sparse decomposition of ODFs for improved detection of group-level differences and variable correlations in white matter. <i>NeuroImage</i> , 2018, 174, 138-152.	2.1	8
2951	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
2952	Toward an Attention-Based Diagnostic Tool for Patients With Locked-in Syndrome. <i>Clinical EEG and Neuroscience</i> , 2018, 49, 122-135.	0.9	17
2953	Evaluating methods of correcting for multiple comparisons implemented in SPM12 in social neuroscience fMRI studies: an example from moral psychology. <i>Social Neuroscience</i> , 2018, 13, 257-267.	0.7	32

#	ARTICLE	IF	CITATIONS
2954	Analysis strategies for high-resolution UHF-fMRI data. <i>NeuroImage</i> , 2018, 168, 296-320.	2.1	95
2955	Spatial Bayesian Latent Factor Regression Modeling of Coordinate-based Meta-analysis Data. <i>Biometrics</i> , 2018, 74, 342-353.	0.8	15
2956	An evaluation of Z-transform algorithms for identifying subject-specific abnormalities in neuroimaging data. <i>Brain Imaging and Behavior</i> , 2018, 12, 437-448.	1.1	6
2957	Brain white matter structural networks in patients with non-neuropsychiatric systemic lupus erythematosus. <i>Brain Imaging and Behavior</i> , 2018, 12, 142-155.	1.1	18
2958	EEG Signatures of Dynamic Functional Network Connectivity States. <i>Brain Topography</i> , 2018, 31, 101-116.	0.8	196
2959	Grayâ€matter relationships to diagnostic and transdiagnostic features of drug and behavioral addictions. <i>Addiction Biology</i> , 2018, 23, 394-402.	1.4	97
2960	Changes in brain white matter integrity after systemic treatment for breast cancer: a prospective longitudinal study. <i>Brain Imaging and Behavior</i> , 2018, 12, 324-334.	1.1	60
2961	Distribution-Free Detection of Structured Anomalies: Permutation and Rank-Based Scans. <i>Journal of the American Statistical Association</i> , 2018, 113, 789-801.	1.8	27
2962	â€Eppur si moveâ€™: The Association Between Electrophysiological and Psychophysical Signatures of Perceived Movement Illusions. <i>Journal of Motor Behavior</i> , 2018, 50, 37-50.	0.5	15
2963	Abnormal Resting-State Connectivity in a Substantia Nigra-Related Striato-Thalamo-Cortical Network in a Large Sample of First-Episode Drug-Naïve Patients With Schizophrenia. <i>Schizophrenia Bulletin</i> , 2018, 44, 419-431.	2.3	63
2964	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
2965	Cerebrocortical activity during self-paced exercise in temperate, hot and hypoxic conditions. <i>Acta Physiologica</i> , 2018, 222, e12916.	1.8	11
2966	Is the extrastriate body area part of the dorsal visuomotor stream?. <i>Brain Structure and Function</i> , 2018, 223, 31-46.	1.2	65
2967	Ventromedial Frontal Lobe Damage Alters how Specific Attributes are Weighed in Subjective Valuation. <i>Cerebral Cortex</i> , 2018, 28, 3857-3867.	1.6	37
2968	Vigilance-related attention systems subserve the discrimination of relative intensity differences between painful stimuli. <i>Pain</i> , 2018, 159, 359-370.	2.0	7
2969	Functional dysconnectivity of the limbic loop of frontostriatal circuits in first-episode, treatment-naïve schizophrenia. <i>Human Brain Mapping</i> , 2018, 39, 747-757.	1.9	41
2970	High definition transcranial pink noise stimulation of anterior cingulate cortex on food craving: An explorative study. <i>Appetite</i> , 2018, 120, 673-678.	1.8	15
2971	Top-down signal transmission and global hyperconnectivity in auditory-visual synesthesia: Evidence from a functional EEG resting-state study. <i>Human Brain Mapping</i> , 2018, 39, 522-531.	1.9	9

#	ARTICLE	IF	CITATIONS
2972	Determination of the relationship between internal auditory canal nerves and tinnitus based on the findings of brain magnetic resonance imaging. <i>Biomedical Signal Processing and Control</i> , 2018, 40, 214-219.	3.5	2
2973	Overlapping frontoparietal networks for tactile and visual parametric working memory representations. <i>NeuroImage</i> , 2018, 166, 325-334.	2.1	20
2974	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
2975	Acute White-Matter Abnormalities in Sports-Related Concussion: A Diffusion Tensor Imaging Study from the NCAA-DoD CARE Consortium. <i>Journal of Neurotrauma</i> , 2018, 35, 2653-2664.	1.7	61
2976	Association of postoperative delirium with markers of neurodegeneration and brain amyloidosis: a pilot study. <i>Neurobiology of Aging</i> , 2018, 61, 93-101.	1.5	18
2977	Intracranial source activity (eLORETA) related to scalp-level asymmetry scores and depression status. <i>Psychophysiology</i> , 2018, 55, e13019.	1.2	40
2978	Default mode network connectivity of fear- and anxiety-related cue and context conditioning. <i>NeuroImage</i> , 2018, 165, 190-199.	2.1	24
2979	Age- and sex-related effects in children with mild traumatic brain injury on diffusion magnetic resonance imaging properties: A comparison of voxelwise and tractography methods. <i>Journal of Neuroscience Research</i> , 2018, 96, 626-641.	1.3	36
2980	Mapping Slow Waves by EEG Topography and Source Localization: Effects of Sleep Deprivation. <i>Brain Topography</i> , 2018, 31, 257-269.	0.8	43
2981	Effects of external trigeminal nerve stimulation (eTNS) on laser evoked cortical potentials (LEP): A pilot study in migraine patients and controls. <i>Cephalalgia</i> , 2018, 38, 1245-1256.	1.8	22
2982	Altered resting state connectivity in right side frontoparietal network in primary insomnia patients. <i>European Radiology</i> , 2018, 28, 664-672.	2.3	36
2983	Corrections for multiple comparisons in voxel-based lesion-symptom mapping. <i>Neuropsychologia</i> , 2018, 115, 112-123.	0.7	75
2984	Altered thalamic connectivity during spontaneous attacks of migraine without aura: A resting-state fMRI study. <i>Cephalalgia</i> , 2018, 38, 1237-1244.	1.8	71
2985	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
2986	Association of obesity with cognitive function and brain structure in patients with major depressive disorder. <i>Journal of Affective Disorders</i> , 2018, 225, 188-194.	2.0	43
2987	White matter pathways in persistent developmental stuttering: Lessons from tractography. <i>Journal of Fluency Disorders</i> , 2018, 55, 68-83.	0.7	15
2988	Improved accuracy of lesion to symptom mapping with multivariate sparse canonical correlations. <i>Neuropsychologia</i> , 2018, 115, 154-166.	0.7	145
2989	White matter alterations and their associations with motor function in young adults born preterm with very low birth weight. <i>NeuroImage: Clinical</i> , 2018, 17, 241-250.	1.4	39

#	ARTICLE	IF	CITATIONS
2990	Loss of inhibition in sensorimotor networks in focal hand dystonia. <i>NeuroImage: Clinical</i> , 2018, 17, 90-97.	1.4	49
2991	Cortical networks for auditory detection with and without informational masking: Task effects and implications for conscious perception. <i>NeuroImage</i> , 2018, 167, 178-190.	2.1	14
2992	Memory Contextualization: The Role of Prefrontal Cortex in Functional Integration across Item and Context Representational Regions. <i>Journal of Cognitive Neuroscience</i> , 2018, 30, 579-593.	1.1	18
2993	Dissociable effects of reward and expectancy during evaluative feedback processing revealed by topographic ERP mapping analysis. <i>International Journal of Psychophysiology</i> , 2018, 132, 213-225.	0.5	21
2994	Statistical models for brain signals with properties that evolve across trials. <i>NeuroImage</i> , 2018, 180, 609-618.	2.1	38
2995	High-density EEG characterization of brain responses to auditory rhythmic stimuli during wakefulness and NREM sleep. <i>NeuroImage</i> , 2018, 169, 57-68.	2.1	44
2996	Altered resting state functional connectivity in early course schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2018, 271, 17-23.	0.9	15
2997	The neuronal network involved in self-attribution of an artificial hand: A lesion network-symptom-mapping study. <i>NeuroImage</i> , 2018, 166, 317-324.	2.1	30
2998	Altered frontal interhemispheric and fronto-â€œlimbic structural connectivity in unmedicated adults with obsessiveâ€œcompulsive disorder. <i>Human Brain Mapping</i> , 2018, 39, 803-810.	1.9	24
2999	Differences between child and adult largeâ€œscale functional brain networks for reading tasks. <i>Human Brain Mapping</i> , 2018, 39, 662-679.	1.9	39
3000	Ventrolateral Prefrontal Cortex Updates Chosen Value According to Choice Set Size. <i>Journal of Cognitive Neuroscience</i> , 2018, 30, 307-318.	1.1	5
3001	The Analysis of Data and the Evidential Scope of Neuroimaging Results. <i>British Journal for the Philosophy of Science</i> , 2018, 69, 1179-1203.	1.4	8
3002	Separating the Idea from the Action: A sLORETA Study. <i>Brain Topography</i> , 2018, 31, 228-241.	0.8	5
3003	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
3004	Fast Approximation of Small P-values in Permutation Tests by Partitioning the Permutations. <i>Biometrics</i> , 2018, 74, 196-206.	0.8	15
3005	Human Rapid Eye Movement Sleep Shows Local Increases in Low-Frequency Oscillations and Global Decreases in High-Frequency Oscillations Compared to Resting Wakefulness. <i>ENeuro</i> , 2018, 5, ENEURO.0293-18.2018.	0.9	29
3006	Tuning characteristics of low-frequency EEG to positions and velocities in visuomotor and oculomotor tracking tasks. <i>Scientific Reports</i> , 2018, 8, 17713.	1.6	37
3007	Over-Representation of Speech in Older Adults Originates from Early Response in Higher Order Auditory Cortex. <i>Acta Acustica United With Acustica</i> , 2018, 104, 774-777.	0.8	45

#	ARTICLE	IF	CITATIONS
3008	Mindfulness Meditation Is Related to Long-Lasting Changes in Hippocampal Functional Topology during Resting State: A Magnetoencephalography Study. <i>Neural Plasticity</i> , 2018, 2018, 1-9.	1.0	44
3009	Differentiation of Transformed Bipolar Disorder From Unipolar Depression by Resting-State Functional Connectivity Within Reward Circuit. <i>Frontiers in Psychology</i> , 2018, 9, 2586.	1.1	33
3011	Classification and characterisation of brain network changes in chronic back pain: A multicenter study. <i>Wellcome Open Research</i> , 2018, 3, 19.	0.9	58
3012	White Matter Microstructure in Illiterate and Low-Literate Elderly Brazilians: Preliminary Findings. <i>Cognitive and Behavioral Neurology</i> , 2018, 31, 193-200.	0.5	9
3013	Understanding cutting maneuvers – The mechanical consequence of preparatory strategies and foot strike pattern. <i>Human Movement Science</i> , 2018, 62, 202-210.	0.6	36
3014	Effects of non-linear correlation measures on brain functional connectivity in Parkinson’s disease. , 2018, 2018, 762-765.		0
3015	A Novel Biomarker of Compensatory Recruitment of Face Emotional Imagery Networks in Autism Spectrum Disorder. <i>Frontiers in Neuroscience</i> , 2018, 12, 791.	1.4	18
3016	Rapid Transformation from Auditory to Linguistic Representations of Continuous Speech. <i>Current Biology</i> , 2018, 28, 3976-3983.e5.	1.8	211
3017	The effect of occipital nerve field stimulation on the descending pain pathway in patients with fibromyalgia: a water PET and EEG imaging study. <i>BMC Neurology</i> , 2018, 18, 191.	0.8	13
3018	White matter microstructural damage in early treated phenylketonuric patients. <i>Orphanet Journal of Rare Diseases</i> , 2018, 13, 188.	1.2	14
3019	Atypical White Matter Connectivity in Dyslexic Readers of a Fairly Transparent Orthography. <i>Frontiers in Psychology</i> , 2018, 9, 1147.	1.1	10
3020	Modulation of behavioral and brain responses to visual perspective taking by social rejection: Evidence from electrophysiology. <i>International Journal of Psychophysiology</i> , 2018, 134, 135-143.	0.5	2
3021	Unity and diversity in working memory load: Evidence for the separability of the executive functions updating and inhibition using machine learning. <i>Biological Psychology</i> , 2018, 139, 163-172.	1.1	4
3022	Classification and characterisation of brain network changes in chronic back pain: A multicenter study. <i>Wellcome Open Research</i> , 2018, 3, 19.	0.9	28
3023	Impaired White Matter Integrity and Social Cognition in High-Function Autism: Diffusion Tensor Imaging Study. <i>Psychiatry Investigation</i> , 2018, 15, 292-299.	0.7	26
3024	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
3025	Abnormal Topology of the Structural Connectome in the Limbic Cortico-Basal-Ganglia Circuit and Default-Mode Network Among Primary Insomnia Patients. <i>Frontiers in Neuroscience</i> , 2018, 12, 860.	1.4	24
3026	White Matter Microstructural Changes and Episodic Memory Disturbances in Late-Onset Bipolar Disorder. <i>Frontiers in Psychiatry</i> , 2018, 9, 480.	1.3	11



#	ARTICLE	IF	CITATIONS
3027	Intracortical Causal Information Flow of Oscillatory Activity (Effective Connectivity) at the Sleep Onset Transition. <i>Frontiers in Neuroscience</i> , 2018, 12, 912.	1.4	7
3028	Arterial spin labeling provides a reliable neurobiological marker of autism spectrum disorder. <i>Journal of Neurodevelopmental Disorders</i> , 2018, 10, 32.	1.5	20
3029	Frequent lucid dreaming associated with increased functional connectivity between frontopolar cortex and temporoparietal association areas. <i>Scientific Reports</i> , 2018, 8, 17798.	1.6	27
3030	What image features guide lightness perception?. <i>Journal of Vision</i> , 2018, 18, 1.	0.1	5
3031	Enhancement of inhibitory control in a sample of preschoolers from poor homes after cognitive training in a kindergarten setting: Cognitive and ERP evidence. <i>Trends in Neuroscience and Education</i> , 2018, 13, 34-42.	1.5	25
3032	Classification Videos Reveal the Visual Information Driving Complex Real-World Speeded Decisions. <i>Frontiers in Psychology</i> , 2018, 9, 2229.	1.1	1
3033	Dissociable forms of uncertainty-driven representational change across the human brain. <i>Journal of Neuroscience</i> , 2019, 39, 1713-18.	1.7	39
3034	Multimodal Assessment of Neural Substrates in Computerized Cognitive Training: A Preliminary Study.		

#	ARTICLE	IF	CITATIONS
3045	Brain responses to different types of salience in antipsychotic naïve first episode psychosis: An fMRI study. <i>Translational Psychiatry</i> , 2018, 8, 196.	2.4	24
3046	Triple dissociation of attention and decision computations across prefrontal cortex. <i>Nature Neuroscience</i> , 2018, 21, 1471-1481.	7.1	149
3047	Distinct facial expressions represent pain and pleasure across cultures. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E10013-E10021.	3.3	77
3048	LISA improves statistical analysis for fMRI. <i>Nature Communications</i> , 2018, 9, 4014.	5.8	27
3049	A comparative study on the neurophysiological mechanisms underlying effects of methylphenidate and neurofeedback on inhibitory control in attention deficit hyperactivity disorder. <i>NeuroImage: Clinical</i> , 2018, 20, 1191-1203.	1.4	25
3050	Topographic Cortico-cerebellar Networks Revealed by Visual Attention and Working Memory. <i>Current Biology</i> , 2018, 28, 3364-3372.e5.	1.8	78
3051	Involvement of the Precuneus/Posterior Cingulate Cortex Is Significant for the Development of Alzheimer's Disease: A PET (THK5351, PIB) and Resting fMRI Study. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 304.	1.7	72
3052	Compromised knee internal rotation in total knee arthroplasty patients during stair climbing. <i>PLoS ONE</i> , 2018, 13, e0205492.	1.1	4
3053	The neural representation of an individualized relational affective space. <i>Neuropsychologia</i> , 2018, 120, 35-42.	0.7	12
3054	Catecholaminergic manipulation alters dynamic network topology across cognitive states. <i>Network Neuroscience</i> , 2018, 2, 381-396.	1.4	61
3055	Levodopa-induced dyskinesia in Parkinson disease: Sleep matters. <i>Annals of Neurology</i> , 2018, 84, 905-917.	2.8	20
3056	Functional connectivity of intrinsic cognitive networks during resting state and task performance in preadolescent children. <i>PLoS ONE</i> , 2018, 13, e0205690.	1.1	9
3057	Beta Oscillations Distinguish Between Two Forms of Mental Imagery While Gamma and Theta Activity Reflects Auditory Attention. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 389.	1.0	12
3058	MEG resting-state oscillations and their relationship to clinical symptoms in schizophrenia. <i>NeuroImage: Clinical</i> , 2018, 20, 753-761.	1.4	27
3059	Large-scale functional networks connect differently for processing words and symbol strings. <i>PLoS ONE</i> , 2018, 13, e0196773.	1.1	9
3060	Altered physiological brain variation in drug-resistant epilepsy. <i>Brain and Behavior</i> , 2018, 8, e01090.	1.0	32
3061	Network Architecture Underlying Basal Autonomic Outflow: Evidence from Frontotemporal Dementia. <i>Journal of Neuroscience</i> , 2018, 38, 8943-8955.	1.7	66
3062	Cortical activation associated with motor preparation can be used to predict the freely chosen effector of an upcoming movement and reflects response time: An fMRI decoding study. <i>NeuroImage</i> , 2018, 183, 584-596.	2.1	20

#	ARTICLE	IF	CITATIONS
3063	Big-Loop Recurrence within the Hippocampal System Supports Integration of Information across Episodes. <i>Neuron</i> , 2018, 99, 1342-1354.e6.	3.8	110
3064	Neural correlates of risk perception as a function of risk level: An approach to the study of risk through a daily life task. <i>Neuropsychologia</i> , 2018, 119, 464-473.	0.7	21
3065	Occulomotor Neural Integrator Dysfunction in Multiple Sclerosis: Insights From Neuroimaging. <i>Frontiers in Neurology</i> , 2018, 9, 691.	1.1	4
3066	BrainWave: A Matlab Toolbox for Beamformer Source Analysis of MEG Data. <i>Frontiers in Neuroscience</i> , 2018, 12, 587.	1.4	19
3067	Evidence for a spinal involvement in temporal pain contrast enhancement. <i>NeuroImage</i> , 2018, 183, 788-799.	2.1	27
3068	Dreaming in NREM Sleep: A High-Density EEG Study of Slow Waves and Spindles. <i>Journal of Neuroscience</i> , 2018, 38, 9175-9185.	1.7	93
3069	Intrinsic connectivity networks underlying individual differences in controlâ€verse behavior. <i>Human Brain Mapping</i> , 2018, 39, 4857-4869.	1.9	6
3070	Perceptual facilitation of word recognition through motor activation during sentence comprehension. <i>Cortex</i> , 2018, 108, 144-159.	1.1	3
3071	Development of white matter microstructure in relation to verbal and visuospatial working memoryâ€A longitudinal study. <i>PLoS ONE</i> , 2018, 13, e0195540.	1.1	48
3072	Effects of perinatal blood pressure on maternal brain functional connectivity. <i>PLoS ONE</i> , 2018, 13, e0203067.	1.1	5
3073	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
3074	White matter integrity associated with severity reductions in positive symptoms after amisulpride treatment in drug-free patients with schizophrenia. <i>Neuroscience Letters</i> , 2018, 685, 131-136.	1.0	8
3075	Valence processing differs across stimulus modalities. <i>NeuroImage</i> , 2018, 183, 734-744.	2.1	7
3076	Reconciling persistent and dynamic hypotheses of working memory coding in prefrontal cortex. <i>Nature Communications</i> , 2018, 9, 3498.	5.8	112
3077	Modulation of neuronal oscillatory activity in the beta- and gamma-band is associated with current individual anxiety levels. <i>NeuroImage</i> , 2018, 178, 423-434.	2.1	25
3078	Manual dexterity and brain structure in patients with schizophrenia: A whole-brain magnetic resonance imaging study. <i>Psychiatry Research - Neuroimaging</i> , 2018, 276, 9-14.	0.9	14
3079	How do children fall asleep? A high-density EEG study of slow waves in the transition from wake to sleep. <i>NeuroImage</i> , 2018, 178, 23-35.	2.1	32
3080	Cortical thickness correlates of minor neurological signs in patients with first episode psychosis. <i>Schizophrenia Research</i> , 2018, 200, 104-111.	1.1	13

#	ARTICLE	IF	CITATIONS
3081	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
3082	Assessing cross-modal target transition effects with a visual-auditory oddball. <i>International Journal of Psychophysiology</i> , 2018, 129, 58-66.	0.5	7
3083	Cortical hypoactivation during resting EEG suggests central nervous system pathology in patients with chronic fatigue syndrome. <i>Biological Psychology</i> , 2018, 136, 87-99.	1.1	22
3084	Hybrid Diffusion Imaging in Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2018, 35, 2377-2390.	1.7	41
3085	Neurocomputational Dynamics of Sequence Learning. <i>Neuron</i> , 2018, 98, 1282-1293.e4.	3.8	32
3086	Dynamics of directional tuning and reference frames in humans: A high-density EEG study. <i>Scientific Reports</i> , 2018, 8, 8205.	1.6	9
3087	OpenSim Versus Human Body Model: A Comparison Study for the Lower Limbs During Gait. <i>Journal of Applied Biomechanics</i> , 2018, 34, 496-502.	0.3	33
3088	On testing for spatial correspondence between maps of human brain structure and function. <i>NeuroImage</i> , 2018, 178, 540-551.	2.1	441
3089	Effects of multisensory stimuli on inhibitory control in adolescent ADHD: It is the content of information that matters. <i>NeuroImage: Clinical</i> , 2018, 19, 527-537.	1.4	17
3090	BIARAM: A process for analyzing correlated brain regions using association rule mining. <i>Computer Methods and Programs in Biomedicine</i> , 2018, 162, 99-108.	2.6	9
3091	Neuromechanical adaptations to slippery sport shoes. <i>Human Movement Science</i> , 2018, 59, 212-222.	0.6	5
3092	Impaired Midline Theta Power and Connectivity During Proactive Cognitive Control in Schizophrenia. <i>Biological Psychiatry</i> , 2018, 84, 675-683.	0.7	43
3093	The representational dynamics of task and object processing in humans. <i>ELife</i> , 2018, 7, .	2.8	121
3094	A multivariate lesion symptom mapping toolbox and examination of lesionâ€volume biases and correction methods in lesionâ€symptom mapping. <i>Human Brain Mapping</i> , 2018, 39, 4169-4182.	1.9	123
3095	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
3096	Contextual interference enhances motor learning through increased resting brain connectivity during memory consolidation. <i>NeuroImage</i> , 2018, 181, 1-15.	2.1	15
3097	Strategies for integrated analysis in imaging genetics studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 93, 57-70.	2.9	7
3098	Dissociable neural mechanisms track evidence accumulation for selection of attention versus action. <i>Nature Communications</i> , 2018, 9, 2485.	5.8	30

#	ARTICLE	IF	CITATIONS
3099	Longitudinal fMRI study of language recovery after a left hemispheric ischemic stroke. <i>Restorative Neurology and Neuroscience</i> , 2018, 36, 359-385.	0.4	22
3100	Spatiotemporal heterogeneity of antibiotic pollution and ecological risk assessment in Taihu Lake Basin, China. <i>Science of the Total Environment</i> , 2018, 643, 12-20.	3.9	70
3101	White matter measures correlate with essential tremor severity—A pilot diffusion tensor imaging study. <i>Brain and Behavior</i> , 2018, 8, e01039.	1.0	12
3102	Comparative Study of MRI Biomarkers in the Substantia Nigra to Discriminate Idiopathic Parkinson Disease. <i>American Journal of Neuroradiology</i> , 2018, 39, 1460-1467.	1.2	51
3103	Association of excessive social media use with abnormal white matter integrity of the corpus callosum. <i>Psychiatry Research - Neuroimaging</i> , 2018, 278, 42-47.	0.9	35
3104	A concealment-specific frontal negative slow wave is generated from the right prefrontal cortex in the Concealed Information Test. <i>Biological Psychology</i> , 2018, 135, 194-203.	1.1	12
3105	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
3106	Stress-related deficits of older adults' spatial working memory: an EEG investigation of occipital alpha and frontal-midline theta activities. <i>Neurobiology of Aging</i> , 2018, 69, 239-248.	1.5	3
3107	Theta oscillations mediate pre-activation of highly expected word initial phonemes. <i>Scientific Reports</i> , 2018, 8, 9503.	1.6	7
3108	Girls' pubertal development is associated with white matter microstructure in late adolescence. <i>NeuroImage</i> , 2018, 181, 659-669.	2.1	21
3109	Seasonality-resilient individuals downregulate their cerebral 5-HT transporter binding in winter — A longitudinal combined 11C-DASB and 11C-SB207145 PET study. <i>European Neuropsychopharmacology</i> , 2018, 28, 1151-1160.	0.3	10
3110	Local response heterogeneity indexes experience-based neural differentiation in reading. <i>NeuroImage</i> , 2018, 183, 200-211.	2.1	7
3111	A randomised, double-blind, placebo-controlled parallel trial of closed-loop infraslow brain training in food addiction. <i>Scientific Reports</i> , 2018, 8, 11659.	1.6	21
3112	Dynamics of Feature-based Attentional Selection during Color-Shape Conjunction Search. <i>Journal of Cognitive Neuroscience</i> , 2018, 30, 1773-1787.	1.1	19
3113	Influence of activation pattern estimates and statistical significance tests in fMRI decoding analysis. <i>Journal of Neuroscience Methods</i> , 2018, 308, 248-260.	1.3	16
3114	Prediction of individualized task activation in sensory modality-selective frontal cortex with connectome fingerprinting™. <i>NeuroImage</i> , 2018, 183, 173-185.	2.1	36
3115	Improved Digit Span in Children after a 6-Week Intervention of Playing a Musical Instrument: An Exploratory Randomized Controlled Trial. <i>Frontiers in Psychology</i> , 2017, 8, 2303.	1.1	33
3116	Right Forceps Minor and Anterior Thalamic Radiation Predict Executive Function Skills in Young Bilingual Adults. <i>Frontiers in Psychology</i> , 2018, 9, 118.	1.1	60

#	ARTICLE	IF	CITATIONS
3117	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
3118	Brain Structures Associated with Internet Addiction Tendency in Adolescent Online Game Players. <i>Frontiers in Psychiatry</i> , 2018, 9, 67.	1.3	28
3119	Diffusion kurtosis imaging as a neuroimaging biomarker in patients with carbon monoxide intoxication. <i>NeuroToxicology</i> , 2018, 68, 38-46.	1.4	13
3120	Reorganization of cerebro-cerebellar circuit in patients with left hemispheric gliomas involving language network: A combined structural and resting-state functional MRI study. <i>Human Brain Mapping</i> , 2018, 39, 4802-4819.	1.9	51
3121	Neural signatures of different behavioral types in fairness norm compliance. <i>Scientific Reports</i> , 2018, 8, 10513.	1.6	16
3122	Activity and Connectivity Differences Underlying Inhibitory Control Across the Adult Life Span. <i>Journal of Neuroscience</i> , 2018, 38, 7887-7900.	1.7	69
3123	Increasing isoflurane dose reduces homotopic correlation and functional segregation of brain networks in mice as revealed by resting-state fMRI. <i>Scientific Reports</i> , 2018, 8, 10591.	1.6	34
3124	The Functional Alterations in Top-Down Attention Streams of Parkinson's disease Measured by EEG. <i>Scientific Reports</i> , 2018, 8, 10609.	1.6	14
3125	Brain Hyperconnectivity >10 Years After Cisplatin-Based Chemotherapy for Testicular Cancer. <i>Brain Connectivity</i> , 2018, 8, 398-406.	0.8	11
3126	Gamma EEG Correlates of Haptic Preferences for a Dial Interface. <i>IEEE Access</i> , 2018, 6, 22324-22331.	2.6	10
3127	Mapping the intersection of language and reading: the neural bases of the primary systems hypothesis. <i>Brain Structure and Function</i> , 2018, 223, 3769-3786.	1.2	18
3128	Image-based Data Mining to Probe Dosimetric Correlates of Radiation-induced Trismus. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, 1330-1338.	0.4	32
3129	Reduced Dynamic Coupling Between Spontaneous BOLD-CBF Fluctuations in Older Adults: A Dual-Echo pCASL Study. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 115.	1.7	17
3130	Evidence for Plastic Processes in Migraine with Aura: A Diffusion Weighted MRI Study. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 138.	0.9	39
3131	GABAA Receptor Availability Changes Underlie Symptoms in Isolated Cervical Dystonia. <i>Frontiers in Neurology</i> , 2018, 9, 188.	1.1	28
3132	Aberrant Effective Connectivity of the Right Anterior Insula in Primary Insomnia. <i>Frontiers in Neurology</i> , 2018, 9, 317.	1.1	29
3133	Self-guided Positive Imagery Training: Effects beyond the Emotions – A Loreta Study. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 644.	1.0	7
3134	An Updated Survey on Statistical Thresholding and Sample Size of fMRI Studies. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 16.	1.0	42

#	ARTICLE	IF	CITATIONS
3135	Effects of Gradient Coil Noise and Gradient Coil Replacement on the Reproducibility of Resting State Networks. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 148.	1.0	3
3136	Neural Basis of the Emotional Conflict Processing in Major Depression: ERPs and Source Localization Analysis on the N450 and P300 Components. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 214.	1.0	20
3137	Decoding of Ankle Flexion and Extension from Cortical Current Sources Estimated from Non-invasive Brain Activity Recording Methods. <i>Frontiers in Neuroscience</i> , 2017, 11, 733.	1.4	8
3138	Source Reconstruction of Brain Potentials Using Bayesian Model Averaging to Analyze Face Intra-Domain vs. Face-Occupation Cross-Domain Processing. <i>Frontiers in Integrative Neuroscience</i> , 2018, 12, 12.	1.0	6
3139	Integrated deep visual and semantic attractor neural networks predict fMRI pattern-information along the ventral object processing pathway. <i>Scientific Reports</i> , 2018, 8, 10636.	1.6	72
3140	Exploring the contribution of visual imagery to scene construction – Evidence from Posterior Cortical Atrophy. <i>Cortex</i> , 2018, 106, 261-274.	1.1	29
3141	Age, Disease, and Their Interaction Effects on Intrinsic Connectivity of Children and Adolescents in Autism Spectrum Disorder Using Functional Connectomics. <i>Brain Connectivity</i> , 2018, 8, 407-419.	0.8	14
3142	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
3143	Cerebellar atrophy and its contribution to cognition in frontotemporal dementias. <i>Annals of Neurology</i> , 2018, 84, 98-109.	2.8	48
3144	GraphVar 2.0: A user-friendly toolbox for machine learning on functional connectivity measures. <i>Journal of Neuroscience Methods</i> , 2018, 308, 21-33.	1.3	24
3145	Resting state fMRI reveals the altered synchronization of BOLD signals in essential tremor. <i>Journal of the Neurological Sciences</i> , 2018, 392, 69-76.	0.3	10
3146	Obesity influences white matter integrity in schizophrenia. <i>Psychoneuroendocrinology</i> , 2018, 97, 135-142.	1.3	26
3147	Using SPM 12's Second-Level Bayesian Inference Procedure for fMRI Analysis: Practical Guidelines for End Users. <i>Frontiers in Neuroinformatics</i> , 2018, 12, 1.	1.3	90
3148	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
3149	Aberrant Cortical Integration in First-Episode Psychosis During Natural Audiovisual Processing. <i>Biological Psychiatry</i> , 2018, 84, 655-664.	0.7	26
3150	What do results from coordinate-based meta-analyses tell us?. <i>NeuroImage</i> , 2018, 176, 550-553.	2.1	44
3151	The neural basis of free language choice in bilingual speakers: Disentangling language choice and language execution. <i>NeuroImage</i> , 2018, 177, 108-116.	2.1	25
3152	Abnormal reward prediction-error signalling in antipsychotic naive individuals with first-episode psychosis or clinical risk for psychosis. <i>Neuropsychopharmacology</i> , 2018, 43, 1691-1699.	2.8	60

#	ARTICLE	IF	CITATIONS
3153	Cortical thickness and white matter integrity abnormalities in obsessive-compulsive disorder: A combined multimodal surface-based morphometry and tract-based spatial statistics study. <i>Depression and Anxiety</i> , 2018, 35, 742-751.	2.0	28
3154	Integrated magnetic resonance imaging and [ <sup>11</sup> C]â€”PBR28 positron emission tomographic imaging in amyotrophic lateral sclerosis. <i>Annals of Neurology</i> , 2018, 83, 1186-1197.	2.8	75
3155	Electroencephalographic Predictors of Neuropathic Pain in Subacute Spinal Cord Injury. <i>Journal of Pain</i> , 2018, 19, 1256.e1-1256.e17.	0.7	22
3156	Trial by trial dependencies in multisensory perception and their correlates in dynamic brain activity. <i>Scientific Reports</i> , 2018, 8, 3742.	1.6	16
3157	Top-down beta oscillatory signaling conveys behavioral context in early visual cortex. <i>Scientific Reports</i> , 2018, 8, 6991.	1.6	47
3158	Connectivity networks in gambling disorder: a resting-state fMRI study. <i>International Gambling Studies</i> , 2018, 18, 242-258.	1.3	8
3159	The blessing of Dimensionality: Feature Selection outperforms functional connectivity-based feature transformation to classify ADHD subjects from EEG patterns of phase synchronisation. <i>PLoS ONE</i> , 2018, 13, e0201660.	1.1	27
3160	Strength and stability of EEG functional connectivity predict treatment response in infants with epileptic spasms. <i>Clinical Neurophysiology</i> , 2018, 129, 2137-2148.	0.7	27
3161	Task-Evoked Dynamic Network Analysis Through Hidden Markov Modeling. <i>Frontiers in Neuroscience</i> , 2018, 12, 603.	1.4	137
3162	Child brain exhibits a multi-rhythmic response to attachment cues. <i>Social Cognitive and Affective Neuroscience</i> , 2018, 13, 957-966.	1.5	35
3163	Correlation of neurochemical and imaging markers in migraine. <i>Neurology</i> , 2018, 91, e1166-e1174.	1.5	9
3164	Global Hippocampal Volume Reductions and Local CA1 Shape Deformations in Amyotrophic Lateral Sclerosis. <i>Frontiers in Neurology</i> , 2018, 9, 565.	1.1	19
3165	Muscle activation during fast walking with two types of foot orthoses in participants with cavus feet. <i>Journal of Electromyography and Kinesiology</i> , 2018, 43, 7-13.	0.7	6
3166	Cross-decoding supramodal information in the human brain. <i>Brain Structure and Function</i> , 2018, 223, 4087-4098.	1.2	8
3167	Fast and powerful genome wide association of dense genetic data with high dimensional imaging phenotypes. <i>Nature Communications</i> , 2018, 9, 3254.	5.8	6
3168	Acute effects of meditation training on the waking and sleeping brain: Is it all about homeostasis?. <i>European Journal of Neuroscience</i> , 2018, 48, 2310-2321.	1.2	11
3169	The interpreter's brain during rest â€” Hyperconnectivity in the frontal lobe. <i>PLoS ONE</i> , 2018, 13, e0202600.	1.1	13
3170	Oscillatory Dynamics of Perceptual to Conceptual Transformations in the Ventral Visual Pathway. <i>Journal of Cognitive Neuroscience</i> , 2018, 30, 1590-1605.	1.1	26



#	ARTICLE	IF	CITATIONS
3171	Content-specific codes of parametric auditory working memory in humans. <i>NeuroImage</i> , 2018, 183, 254-262.	2.1	28
3172	The effects of synthetic cannabinoids (SCs) on brain structure and function. <i>European Neuropsychopharmacology</i> , 2018, 28, 1047-1057.	0.3	35
3173	Testing group differences in state transition structure of dynamic functional connectivity models. , 2018, , .		0
3174	Semantic composition of sentences word by word: MEG evidence for shared processing of conceptual and logical elements. <i>Neuropsychologia</i> , 2018, 119, 392-404.	0.7	14
3175	Oscillatory Correlates of Control over Working Memory Gating and Updating: An EEG Study Using the Reference-back Paradigm. <i>Journal of Cognitive Neuroscience</i> , 2018, 30, 1870-1882.	1.1	27
3176	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
3177	The hippocampal longitudinal axisâ€™ relevance for underlying tau and TDP-43 pathology. <i>Neurobiology of Aging</i> , 2018, 70, 1-9.	1.5	21
3178	A theta rhythm in macaque visual cortex and its attentional modulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5614-E5623.	3.3	142
3179	Human midcingulate cortex encodes distributed representations of task progress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 6398-6403.	3.3	32
3180	Childhood abuse and white matter integrity in bipolar disorder patients and healthy controls. <i>European Neuropsychopharmacology</i> , 2018, 28, 807-817.	0.3	20
3181	COMT and the neurogenetic architecture of hearing loss induced tinnitus. <i>Hearing Research</i> , 2018, 365, 1-15.	0.9	15
3182	Small sample sizes reduce the replicability of task-based fMRI studies. <i>Communications Biology</i> , 2018, 1, 62.	2.0	259
3183	Abnormal spontaneous brain activity is associated with impaired emotion and cognition in hyperthyroidism: A rs-fMRI study. <i>Behavioural Brain Research</i> , 2018, 351, 188-194.	1.2	13
3184	Spatial frequency supports the emergence of categorical representations in visual cortex during natural scene perception. <i>NeuroImage</i> , 2018, 179, 102-116.	2.1	23
3185	Learning of goal-relevant and -irrelevant complex visual sequences in human V1. <i>NeuroImage</i> , 2018, 179, 215-224.	2.1	10
3186	Increased parietal circuit-breaker activity in delta frequency band and abnormal delta/theta band connectivity in salience network in hyperacusis subjects. <i>PLoS ONE</i> , 2018, 13, e0191858.	1.1	12
3187	Optimized 3D co-registration of ultra-low-field and high-field magnetic resonance images. <i>PLoS ONE</i> , 2018, 13, e0193890.	1.1	8
3188	Two-Stage Processing of Aesthetic Information in the Human Brain Revealed by Neural Adaptation Paradigm. <i>Brain Topography</i> , 2018, 31, 1001-1013.	0.8	1

#	ARTICLE	IF	CITATIONS
3189	Diurnal changes in glutamate+â€%o+â€%o glutamine levels of healthy young adults assessed by proton magnetic resonance spectroscopy. <i>Human Brain Mapping</i> , 2018, 39, 3984-3992.	1.9	22
3190	Spatiotemporal dynamics in human visual cortex rapidly encode the emotional content of faces. <i>Human Brain Mapping</i> , 2018, 39, 3993-4006.	1.9	38
3191	Connectome-derived diffusion characteristics of the fornix in Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2018, 19, 331-342.	1.4	19
3192	Regionally discriminative multivariate statistical mapping. , 2018, , .		1
3193	Radial diffusivity as an imaging biomarker for early diagnosis of non-demented amyotrophic lateral sclerosis. <i>European Radiology</i> , 2018, 28, 4940-4948.	2.3	11
3194	Greater Cortical Thickness Is Associated With Enhanced Sensory Function After Arm Rehabilitation in Chronic Stroke. <i>Neurorehabilitation and Neural Repair</i> , 2018, 32, 590-601.	1.4	12
3195	Changes in movement variability and task performance during a fatiguing repetitive pointing task. <i>Journal of Biomechanics</i> , 2018, 76, 212-219.	0.9	48
3196	Catecholamines alter the intrinsic variability of cortical population activity and perception. <i>PLoS Biology</i> , 2018, 16, e2003453.	2.6	64
3197	Hyperactivation of left inferior parietal lobule and left temporal gyri shortens resting EEG microstate in schizophrenia. <i>Schizophrenia Research</i> , 2018, 201, 204-207.	1.1	20
3198	Abnormal EEG Power Spectra in Acute Transient Global Amnesia: A Quantitative EEG Study. <i>Clinical EEG and Neuroscience</i> , 2019, 50, 188-195.	0.9	6
3199	Dynamic Reorganization of Functional Connectivity Reveals Abnormal Temporal Efficiency in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2019, 45, 659-669.	2.3	59
3200	Relationships Between Neuronal Oscillatory Amplitude and Dynamic Functional Connectivity. <i>Cerebral Cortex</i> , 2019, 29, 2668-2681.	1.6	85
3201	Brain activation during the voiding phase of micturition in healthy adults: A metaâ€œanalysis of neuroimaging studies. <i>Clinical Anatomy</i> , 2019, 32, 13-19.	1.5	22
3202	Longitudinal Functional Brain Mapping in Supernormals. <i>Cerebral Cortex</i> , 2019, 29, 242-252.	1.6	24
3203	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
3204	Cerebellar Structural Variations in Subjects with Different Hypnotizability. <i>Cerebellum</i> , 2019, 18, 109-118.	1.4	31
3205	â€œPractice makes perfect?â€•white matter microstructural characteristic predicts the degree of improvement in within-trial conflict processing across two weeks. <i>Brain Imaging and Behavior</i> , 2019, 13, 841-851.	1.1	0
3206	Differential Deployment of Visual Attention During Interactive Approach and Avoidance Behavior. <i>Cerebral Cortex</i> , 2019, 29, 2366-2383.	1.6	7

#	ARTICLE	IF	CITATIONS
3207	Reorganization of brain networks and its association with general cognitive performance over the adult lifespan. <i>Scientific Reports</i> , 2019, 9, 11352.	1.6	66
3208	Equipping social robots with culturally-sensitive facial expressions of emotion using data-driven methods. , 2019, , .		19
3209	Cortical dynamics of sensorimotor information processing associated with balance control in adolescents with and without idiopathic scoliosis. <i>Clinical Neurophysiology</i> , 2019, 130, 1752-1761.	0.7	12
3210	Exact topological inference of the resting-state brain networks in twins. <i>Network Neuroscience</i> , 2019, 3, 674-694.	1.4	45
3211	Association between tumor location and neurocognitive functioning using tumor localization maps. <i>Journal of Neuro-Oncology</i> , 2019, 144, 573-582.	1.4	35
3212	Spatial distributions of cholinergic impairment and neuronal hypometabolism differ in MCI due to AD. <i>NeuroImage: Clinical</i> , 2019, 24, 101978.	1.4	11
3213	High throughput, rapid receptive field estimation for global motion sensitive neurons using a contiguous motion noise stimulus. <i>Journal of Neuroscience Methods</i> , 2019, 326, 108366.	1.3	6
3214	Association Between White Matter Microstructure and Verbal Fluency in Patients With Multiple Sclerosis. <i>Frontiers in Psychology</i> , 2019, 10, 1607.	1.1	29
3215	Computing distance information from landmarks and self-motion cues - Differential contributions of anterior-lateral vs. posterior-medial entorhinal cortex in humans. <i>NeuroImage</i> , 2019, 202, 116074.	2.1	17
3216	Influence of depressive feelings in the brain processing of women with fibromyalgia. <i>Medicine (United Tj ETQq1 1 0.784314 pgBT /Over</i>	0.4	19
3217	Neural traits characterize unconditional cooperators, conditional cooperators, and noncooperators in group-based cooperation. <i>Human Brain Mapping</i> , 2019, 40, 4508-4517.	1.9	11
3218	Validity expectancies shape the interplay of cueing and task demands during inhibitory control associated with right inferior frontal regions. <i>Brain Structure and Function</i> , 2019, 224, 1911-1924.	1.2	5
3219	Supervised pathway analysis of blood gene expression profiles in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2019, 84, 98-108.	1.5	7
3220	Pre-specified Anxiety Predicts Future Decision-Making Performances Under Different Temporally Constrained Conditions. <i>Frontiers in Psychology</i> , 2019, 10, 1544.	1.1	5
3221	Right arcuate fasciculus and superior longitudinal fasciculus abnormalities in primary insomnia. <i>Brain Imaging and Behavior</i> , 2019, 13, 1746-1755.	1.1	18
3222	Towards an intuitive communication-BCI: decoding visually imagined characters from the early visual cortex using high-field fMRI. <i>Biomedical Physics and Engineering Express</i> , 2019, 5, 055001.	0.6	4
3223	Effect of aerobic exercise on white matter microstructure in the aging brain. <i>Behavioural Brain Research</i> , 2019, 373, 112042.	1.2	31
3224	Towards algorithmic analytics for large-scale datasets. <i>Nature Machine Intelligence</i> , 2019, 1, 296-306.	8.3	58

#	ARTICLE	IF	CITATIONS
3225	Sex differences in glenohumeral muscle activation and coactivation during a box lifting task. <i>Ergonomics</i> , 2019, 62, 1327-1338.	1.1	10
3226	Multisite transcranial Random Noise Stimulation (tRNS) modulates the distress network activity and oscillatory powers in subjects with chronic tinnitus. <i>Journal of Clinical Neuroscience</i> , 2019, 67, 178-184.	0.8	15
3227	A multivariate neuroimaging biomarker of individual outcome to transcranial magnetic stimulation in depression. <i>Human Brain Mapping</i> , 2019, 40, 4618-4629.	1.9	43
3228	Relationships Between Executive Control Circuit Activity, Amyloid Burden, and Education in Cognitively Healthy Older Adults. <i>American Journal of Geriatric Psychiatry</i> , 2019, 27, 1360-1371.	0.6	9
3229	Functional plasticity associated with language learning in adults. <i>NeuroImage</i> , 2019, 201, 116040.	2.1	13
3230	Eigenvector Centrality Dynamics From Resting-State fMRI: Gender and Age Differences in Healthy Subjects. <i>Frontiers in Neuroscience</i> , 2019, 13, 648.	1.4	19
3231	A difference degree test for comparing brain networks. <i>Human Brain Mapping</i> , 2019, 40, 4518-4536.	1.9	16
3232	Shooting a high-density electroencephalographic picture on sleep in children with attention-deficit/hyperactivity disorder. <i>Sleep</i> , 2019, 42, .	0.6	13
3233	Class I and II histone deacetylase expression is not altered in human amyotrophic lateral sclerosis: Neuropathological and positron emission tomography molecular neuroimaging evidence. <i>Muscle and Nerve</i> , 2019, 60, 443-452.	1.0	9
3234	Activating attachment memories affects default mode network in a non-clinical sample with perceived dysfunctional parenting: An EEG functional connectivity study. <i>Behavioural Brain Research</i> , 2019, 372, 112059.	1.2	23
3235	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
3236	Prognostic and Monitory EEG-Biomarkers for BCI Upper-Limb Stroke Rehabilitation. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2019, 27, 1654-1664.	2.7	58
3237	Long automated driving phase affects take-over performance. <i>IET Intelligent Transport Systems</i> , 2019, 13, 1249-1255.	1.7	25
3238	Reconstructing directional causal networks with random forest: Causality meeting machine learning. <i>Chaos</i> , 2019, 29, 093130.	1.0	18
3239	History of fatigue in multiple sclerosis is associated with grey matter atrophy. <i>Scientific Reports</i> , 2019, 9, 14781.	1.6	24
3240	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
3241	Objective and Subjective Characteristics of Vigilance under Different Narrow-Bandwidth Light Conditions: Do Shorter Wavelengths Have an Alertness-Enhancing Effect?. <i>Neuropsychobiology</i> , 2019, 78, 238-248.	0.9	14
3242	Research on WeChat Attendance Technology Based on Geographical Location and iBeacon. <i>Journal of Physics: Conference Series</i> , 2019, 1302, 042058.	0.3	0

#	ARTICLE	IF	CITATIONS
3243	Revisiting the relationship between the P3b and working memory updating. <i>Biological Psychology</i> , 2019, 148, 107769.	1.1	27
3244	Hitting the brakes: pathological subthalamic nucleus activity in Parkinson's disease gait freezing. <i>Brain</i> , 2019, 142, 3906-3916.	3.7	37
3245	Changes in the Resting-State Cortical Oscillatory Activity 6 Months After Modified Tinnitus Retraining Therapy. <i>Frontiers in Neuroscience</i> , 2019, 13, 1123.	1.4	23
3246	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
3247	Neural networks associated with body composition in frontotemporal dementia. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 1707-1717.	1.7	10
3248	Physical activity and work activities in Florida agricultural workers. <i>American Journal of Industrial Medicine</i> , 2019, 62, 1058-1067.	1.0	16
3249	Brainstem pathology in amyotrophic lateral sclerosis and primary lateral sclerosis: A longitudinal neuroimaging study. <i>NeuroImage: Clinical</i> , 2019, 24, 102054.	1.4	59
3250	Re-learning to be different: Increased neural differentiation supports post-stroke language recovery. <i>NeuroImage</i> , 2019, 202, 116145.	2.1	11
3251	Representational drawing following brain injury. <i>Neuropsychologia</i> , 2019, 133, 107154.	0.7	5
3252	Data-driven spatial filtering for improved measurement of cortical tracking of multiple representations of speech. <i>Journal of Neural Engineering</i> , 2019, 16, 066017.	1.8	20
3253	Free Water in White Matter Differentiates MCI and AD From Control Subjects. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 270.	1.7	57
3254	Altered Resting State Functional Activity and Microstructure of the White Matter in Migraine With Aura. <i>Frontiers in Neurology</i> , 2019, 10, 1039.	1.1	17
3255	Theta burst stimulation for the treatment of obsessive-compulsive disorder: a pilot study. <i>Journal of Neural Transmission</i> , 2019, 126, 1667-1677.	1.4	15
3256	Distinctive Patterns of Seizure-Related White Matter Alterations in Right and Left Temporal Lobe Epilepsy. <i>Frontiers in Neurology</i> , 2019, 10, 986.	1.1	6
3257	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
3258	Fractal dimension of cerebral white matter: A consistent feature for prediction of the cognitive performance in patients with small vessel disease and mild cognitive impairment. <i>NeuroImage: Clinical</i> , 2019, 24, 101990.	1.4	30
3259	Neural correlates of top-down modulation of haptic shape versus roughness perception. <i>Human Brain Mapping</i> , 2019, 40, 5172-5184.	1.9	7
3260	Increased functional connectivity of thalamic subdivisions in patients with Parkinson's disease. <i>PLoS ONE</i> , 2019, 14, e0222002.	1.1	20

#	ARTICLE	IF	CITATIONS
3261	Effects of foot orthoses on walking and jump landing biomechanics of individuals with chronic ankle instability. <i>Physical Therapy in Sport</i> , 2019, 40, 53-58.	0.8	10
3262	Information Accrual From the Period Preceding Racket-Ball Contact for Tennis Ground Strokes: Inferences From Stochastic Masking. <i>Frontiers in Psychology</i> , 2019, 10, 1969.	1.1	0
3263	Increased neural reactivity to emotional pictures in men with high hair testosterone concentrations. <i>Social Cognitive and Affective Neuroscience</i> , 2019, 14, 1009-1016.	1.5	6
3264	Behavioural and life-history responses of mosquitofish to biologically inspired and interactive robotic predators. <i>Journal of the Royal Society Interface</i> , 2019, 16, 20190359.	1.5	37
3265	Microsleep is associated with brain activity patterns unperturbed by auditory inputs. <i>Journal of Neurophysiology</i> , 2019, 122, 2568-2575.	0.9	0
3266	Evaluating Alternative Correction Methods for Multiple Comparison in Functional Neuroimaging Research. <i>Brain Sciences</i> , 2019, 9, 198.	1.1	22
3267	Neural dynamics of semantic composition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 21318-21327.	3.3	42
3268	Bias Introduced by Multiple Head Coils in MRI Research: An 8 Channel and 32 Channel Coil Comparison. <i>Frontiers in Neuroscience</i> , 2019, 13, 729.	1.4	28
3269	Affective and cortical EEG gamma responses to emotional movies in women with high vs low traits of empathy. <i>Neuropsychologia</i> , 2019, 133, 107175.	0.7	22
3270	Deactivation of somatosensory and visual cortices during vestibular stimulation is associated with older age and poorer balance. <i>PLoS ONE</i> , 2019, 14, e0221954.	1.1	15
3271	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
3272	An amygdala-cingulate network underpins changes in effort-based decision making after a fitness program. <i>NeuroImage</i> , 2019, 203, 116181.	2.1	21
3273	Abnormalities in P300 components in depression: an ERP-sLORETA study. <i>Nordic Journal of Psychiatry</i> , 2019, 73, 1-8.	0.7	41
3274	The relationship between the Wechsler Memory Scale-Revised scores and whole-brain structure in patients with schizophrenia and healthy individuals. <i>Cognitive Neuropsychiatry</i> , 2019, 24, 80-91.	0.7	7
3275	Low-dose augmentation with buprenorphine increases emotional reactivity but not reward activity in treatment resistant mid- and late-life depression. <i>NeuroImage: Clinical</i> , 2019, 21, 101679.	1.4	11
3276	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
3277	Statistical nonparametric mapping: Multivariate permutation tests for location, correlation, and regression problems in neuroimaging. <i>Wiley Interdisciplinary Reviews: Computational Statistics</i> , 2019, 11, e1457.	2.1	18
3278	Cerebrospinal fluid biogenic amines depletion and brain atrophy in adult patients with phenylketonuria. <i>Journal of Inherited Metabolic Disease</i> , 2019, 42, 398-406.	1.7	38

#	ARTICLE	IF	CITATIONS
3279	Changes in background electroencephalographic activity in benign childhood epilepsy with centrotemporal spikes after oxcarbazepine treatment: a standardized low-resolution brain electromagnetic tomography (sLORETA) study. <i>BMC Neurology</i> , 2019, 19, 3.	0.8	8
3280	Diffusion kurtosis imaging in mild traumatic brain injury and postconcussional syndrome. <i>Journal of Neuroscience Research</i> , 2019, 97, 568-581.	1.3	27
3281	Auditory Streaming and Prediction in Tinnitus Sufferers. <i>Ear and Hearing</i> , 2019, 40, 345-357.	1.0	12
3282	Theta resting EEG in the right TPJ is associated with individual differences in implicit intergroup bias. <i>Social Cognitive and Affective Neuroscience</i> , 2019, 14, 281-289.	1.5	15
3283	Clinical and neuroimaging investigations of language disturbance in frontotemporal dementia—motor neuron disease patients. <i>Journal of Neurology</i> , 2019, 266, 921-933.	1.8	14
3284	An image-based kinematic model of the tibiotalar and subtalar joints and its application to gait analysis in children with Juvenile Idiopathic Arthritis. <i>Journal of Biomechanics</i> , 2019, 85, 27-36.	0.9	27
3285	Electrophysiological Phenotype in Angelman Syndrome Differs Between Genotypes. <i>Biological Psychiatry</i> , 2019, 85, 752-759.	0.7	65
3286	Investigating the predictive value of different resting-state functional MRI parameters in obsessive-compulsive disorder. <i>Translational Psychiatry</i> , 2019, 9, 17.	2.4	56
3287	Frequency of everyday pro-environmental behaviour is explained by baseline activation in lateral prefrontal cortex. <i>Scientific Reports</i> , 2019, 9, 9.	1.6	112
3288	Clinical Personal Connectomics Using Hybrid PET/MRI. <i>Nuclear Medicine and Molecular Imaging</i> , 2019, 53, 153-163.	0.6	3
3289	Cortical processes underlying the effects of static sound timing on perceived visual speed. <i>NeuroImage</i> , 2019, 199, 194-205.	2.1	12
3290	Association of Working Memory With Distributed Executive Control Networks in Schizophrenia. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2019, 31, 368-377.	0.9	4
3291	Altered neocortical tactile but preserved auditory early change detection responses in Friedreich ataxia. <i>Clinical Neurophysiology</i> , 2019, 130, 1299-1310.	0.7	13
3292	Fronto-parietal contributions to episodic retrieval—evidence from neurodegenerative disorders. <i>Learning and Memory</i> , 2019, 26, 262-271.	0.5	9
3293	EEG functional connectivity metrics wPLI and wSMI account for distinct types of brain functional interactions. <i>Scientific Reports</i> , 2019, 9, 8894.	1.6	71
3294	Modulation of Resting Connectivity Between the Mesial Frontal Cortex and Basal Ganglia. <i>Frontiers in Neurology</i> , 2019, 10, 587.	1.1	11
3295	Human visual cortical gamma reflects natural image structure. <i>NeuroImage</i> , 2019, 200, 635-643.	2.1	21
3296	EEG Decoding Reveals the Strength and Temporal Dynamics of Goal-Relevant Representations. <i>Scientific Reports</i> , 2019, 9, 9051.	1.6	34

#	ARTICLE	IF	CITATIONS
3297	Neural correlates of semantic and syntactic processing in German Sign Language. <i>NeuroImage</i> , 2019, 200, 231-241.	2.1	7
3298	Subliminal emotional pictures are capable of modulating early cerebral responses to pain in fibromyalgia. <i>PLoS ONE</i> , 2019, 14, e0217909.	1.1	10
3299	Neuroplastic Effects in Patients With Traumatic Brain Injury After Music-Supported Therapy. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 177.	1.0	19
3301	Statistical Preliminary. , 2019, , 1-26.		0
3302	Brain Network Nodes and Edges. , 2019, , 27-60.		2
3304	Correlation Networks. , 2019, , 76-107.		0
3305	Big Brain Network Data. , 2019, , 108-128.		0
3306	Network Simulations. , 2019, , 129-155.		0
3307	Persistent Homology. , 2019, , 156-179.		0
3308	Diffusions on Graphs. , 2019, , 180-206.		0
3309	Sparse Networks. , 2019, , 207-225.		0
3310	Brain Network Distances. , 2019, , 226-245.		0
3311	Combinatorial Inferences for Networks. , 2019, , 246-268.		0
3312	Series Expansion of Connectivity Matrices. , 2019, , 269-291.		0
3313	Dynamic Network Models. , 2019, , 292-301.		0
3316	Divergence in the functional organization of human and macaque auditory cortex revealed by fMRI responses to harmonic tones. <i>Nature Neuroscience</i> , 2019, 22, 1057-1060.	7.1	43
3317	Pre-trial and pre-response EEG microstates in schizophrenia: An endophenotypic marker. <i>Behavioural Brain Research</i> , 2019, 371, 111964.	1.2	9
3318	Unholy shoes: Experimental considerations when estimating ankle joint complex power during walking and running. <i>Journal of Biomechanics</i> , 2019, 92, 61-66.	0.9	7



#	ARTICLE	IF	CITATIONS
3319	Investigating intentional forgetting using pupillometry: no evidence for the ongoing allocation of cognitive resources during forgetting. <i>Journal of Cognitive Psychology</i> , 2019, 31, 416-437.	0.4	5
3320	Subcortical amyloid load is associated with shape and volume in cognitively normal individuals. <i>Human Brain Mapping</i> , 2019, 40, 3951-3965.	1.9	9
3321	Predicting individual speech intelligibility from the cortical tracking of acoustic- and phonetic-level speech representations. <i>Hearing Research</i> , 2019, 380, 1-9.	0.9	73
3322	Differential medial temporal lobe and default-mode network functional connectivity and morphometric changes in Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2019, 23, 101860.	1.4	21
3323	On the validity of statistical parametric mapping for nonuniformly and heterogeneously smooth one-dimensional biomechanical data. <i>Journal of Biomechanics</i> , 2019, 91, 114-123.	0.9	19
3324	How perceptual ambiguity affects response inhibition processes. <i>Journal of Neurophysiology</i> , 2019, 122, 500-511.	0.9	9
3325	Accelerated estimation and permutation inference for ACE modeling. <i>Human Brain Mapping</i> , 2019, 40, 3488-3507.	1.9	19
3326	Simultaneous fMRI-EEG-DTI recording of MMN in patients with schizophrenia. <i>PLoS ONE</i> , 2019, 14, e0215023.	1.1	13
3327	Shared neural mechanisms between imagined and perceived egocentric motion – A combined GVS and fMRI study. <i>Cortex</i> , 2019, 119, 20-32.	1.1	10
3328	Measuring shared responses across subjects using intersubject correlation. <i>Social Cognitive and Affective Neuroscience</i> , 2019, 14, 667-685.	1.5	208
3329	Evaluating arcuate fasciculus laterality measurements across dataset and tractography pipelines. <i>Human Brain Mapping</i> , 2019, 40, 3695-3711.	1.9	24
3330	The individuality index: a measure to quantify the degree of inter-individual, spatial variability in intra-cerebral brain electric and metabolic activity. <i>Cognitive Neurodynamics</i> , 2019, 13, 429-436.	2.3	7
3331	Parsing neurodevelopmental features of irritability and anxiety: Replication and validation of a latent variable approach. <i>Development and Psychopathology</i> , 2019, 31, 917-929.	1.4	18
3332	Attempted Arm and Hand Movements can be Decoded from Low-Frequency EEG from Persons with Spinal Cord Injury. <i>Scientific Reports</i> , 2019, 9, 7134.	1.6	91
3333	Does hamstrings co-contraction constrain knee internal rotation in patients with knee endoprosthesis during decline slope walking?. <i>Clinical Biomechanics</i> , 2019, 67, 134-141.	0.5	2
3334	Dissociating neural activity associated with the subjective phenomenology of monocular stereopsis: An EEG study. <i>Neuropsychologia</i> , 2019, 129, 357-371.	0.7	6
3335	The effects of chiropractic spinal manipulation on central processing of tonic pain - a pilot study using standardized low-resolution brain electromagnetic tomography (sLORETA). <i>Scientific Reports</i> , 2019, 9, 6925.	1.6	20
3336	Dysregulation of resting-state functional connectivity in patients with Cushing's disease. <i>Neuroradiology</i> , 2019, 61, 911-920.	1.1	10

#	ARTICLE	IF	CITATIONS
3337	Influence of shoe drop on running kinematics and kinetics in female runners. <i>European Journal of Sport Science</i> , 2019, 19, 1320-1327.	1.4	18
3338	Dopamine receptor D4 (DRD) polymorphisms with reduced functional potency intensify atrophy in syndrome-specific sites of frontotemporal dementia. <i>NeuroImage: Clinical</i> , 2019, 23, 101822.	1.4	4
3339	Neurochemical Aspects of Poststroke Dementia. , 2019, , 39-72.		0
3340	Lesion-Behavior Mapping in Cognitive Neuroscience: A Practical Guide to Univariate and Multivariate Approaches. <i>NeuroMethods</i> , 2019, , 209-238.	0.2	9
3341	Functional and neurochemical disruptions of brain hub topology in chronic pain. <i>Pain</i> , 2019, 160, 973-983.	2.0	56
3342	Exploring the impact of analysis software on task fMRI results. <i>Human Brain Mapping</i> , 2019, 40, 3362-3384.	1.9	101
3343	Lateralisation of the white matter microstructure associated with the hemispheric spatial attention dominance. <i>PLoS ONE</i> , 2019, 14, e0216032.	1.1	2
3344	Enhanced high-frequency precuneus-cortical effective connectivity is associated with decreased sensory gating following total sleep deprivation. <i>NeuroImage</i> , 2019, 197, 255-263.	2.1	8
3345	The neural dynamics of hierarchical Bayesian causal inference in multisensory perception. <i>Nature Communications</i> , 2019, 10, 1907.	5.8	118
3346	Children with Autism Spectrum Disorder Demonstrate Regionally Specific Altered Resting-State Phaseâ€“Amplitude Coupling. <i>Brain Connectivity</i> , 2019, 9, 425-436.	0.8	18
3347	Arterial Spin Labeling Reveals Disrupted Brain Networks and Functional Connectivity in Drug-Resistant Temporal Epilepsy. <i>Frontiers in Neuroinformatics</i> , 2018, 12, 101.	1.3	16
3348	Long-term efficacy of docosahexaenoic acid (DHA) for Spinocerebellar Ataxia 38 (SCA38) treatment: An open label extension study. <i>Parkinsonism and Related Disorders</i> , 2019, 63, 191-194.	1.1	19
3349	Topographic deficits in sleep spindle density and duration point to frontal thalamo-cortical dysfunctions in first-episode psychosis. <i>Journal of Psychiatric Research</i> , 2019, 113, 39-44.	1.5	26
3350	The spatiotemporal neural dynamics underlying perceived similarity for real-world objects. <i>NeuroImage</i> , 2019, 194, 12-24.	2.1	48
3351	The neural basis of meta-volition. <i>Communications Biology</i> , 2019, 2, 101.	2.0	1
3352	Control of false positive rates in clusterwise fMRI inferences. <i>Journal of Applied Statistics</i> , 2019, 46, 1956-1972.	0.6	4
3353	Working memory training integrates visual cortex into beta-band networks in congenitally blind individuals. <i>NeuroImage</i> , 2019, 194, 259-271.	2.1	11
3354	A fine-grained time course investigation of brain dynamics during conflict monitoring. <i>Scientific Reports</i> , 2019, 9, 3667.	1.6	22

#	ARTICLE	IF	CITATIONS
3355	Decreased peak alpha frequency and impaired visual evoked potentials in first episode psychosis. <i>NeuroImage: Clinical</i> , 2019, 22, 101693.	1.4	30
3356	Eye Movement Dynamics Differ between Encoding and Recognition of Faces. <i>Vision (Switzerland)</i> , 2019, 3, 9.	0.5	8
3357	Atypical functional connectome hierarchy in autism. <i>Nature Communications</i> , 2019, 10, 1022.	5.8	326
3358	Spontaneous synchronization to speech reveals neural mechanisms facilitating language learning. <i>Nature Neuroscience</i> , 2019, 22, 627-632.	7.1	121
3359	Brain white matter changes in asymptomatic carriers of Leber's hereditary optic neuropathy. <i>Journal of Neurology</i> , 2019, 266, 1474-1480.	1.8	14
3360	Multivariate group-level analysis for task fMRI data with canonical correlation analysis. <i>NeuroImage</i> , 2019, 194, 25-41.	2.1	9
3361	More than myelin: Probing white matter differences in prematurity with quantitative T1 and diffusion MRI. <i>NeuroImage: Clinical</i> , 2019, 22, 101756.	1.4	14
3362	Learning Unicycling Evokes Manifold Changes in Gray and White Matter Networks Related to Motor and Cognitive Functions. <i>Scientific Reports</i> , 2019, 9, 4324.	1.6	14
3363	Convergent Neural Correlates of Empathy and Anxiety During Socioemotional Processing. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 94.	1.0	32
3364	Connectivity differences between consciousness and unconsciousness in non-rapid eye movement sleep: a TMS-EEG study. <i>Scientific Reports</i> , 2019, 9, 5175.	1.6	64
3365	Microstructural changes of normal-appearing white matter in Vascular Parkinsonism. <i>Parkinsonism and Related Disorders</i> , 2019, 63, 60-65.	1.1	16
3366	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
3367	Abnormal Dynamic Functional Connectivity Associated With Subcortical Networks in Parkinson's Disease: A Temporal Variability Perspective. <i>Frontiers in Neuroscience</i> , 2019, 13, 80.	1.4	38
3368	Short-term meditation modulates EEG activity in subjects with post-traumatic residual disabilities. <i>Clinical Neurophysiology Practice</i> , 2019, 4, 30-36.	0.6	9
3369	Exposure to early and persistent maternal depression impairs the neural basis of attachment in preadolescence. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 93, 21-30.	2.5	44
3370	The importance of stimulus variability when studying face processing using fast periodic visual stimulation: A novel "mixed-emotions" paradigm. <i>Cortex</i> , 2019, 117, 182-195.	1.1	5
3371	Long-range functional coupling predicts performance: Oscillatory EEG networks in multisensory processing. <i>NeuroImage</i> , 2019, 196, 114-125.	2.1	23
3372	Childhood trauma history is linked to abnormal brain connectivity in major depression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 8582-8590.	3.3	151

#	ARTICLE	IF	CITATIONS
3373	Absolute and relative pitch processing in the human brain: neural and behavioral evidence. <i>Brain Structure and Function</i> , 2019, 224, 1723-1738.	1.2	26
3374	Brain Heterogeneity in Schizophrenia and Its Association With Polygenic Risk. <i>JAMA Psychiatry</i> , 2019, 76, 739.	6.0	195
3375	Induced and Evoked Properties of Vibrotactile Adaptation in the Primary Somatosensory Cortex. <i>Neural Plasticity</i> , 2019, 2019, 1-9.	1.0	6
3376	Stimulus-response recoding during inhibitory control is associated with superior frontal and parahippocampal processes. <i>NeuroImage</i> , 2019, 196, 227-236.	2.1	29
3377	Dysfunction of the Mesolimbic Circuit to Food Odors in Women With Anorexia and Bulimia Nervosa: A fMRI Study. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 117.	1.0	30
3378	Fixel-based analysis of the preterm brain: Disentangling bundle-specific white matter microstructural and macrostructural changes in relation to clinical risk factors. <i>NeuroImage: Clinical</i> , 2019, 23, 101820.	1.4	27
3379	Brain MRI shows white matter sparing in Kennedy's disease and slowâ€‘progressing lower motor neuron disease. <i>Human Brain Mapping</i> , 2019, 40, 3102-3112.	1.9	12
3380	What Makes Eye Contact Special? Neural Substrates of On-Line Mutual Eye-Gaze: A Hyperscanning fMRI Study. <i>ENeuro</i> , 2019, 6, ENEURO.0284-18.2019.	0.9	50
3381	Mapping the neuroanatomy of functional decline in Alzheimerâ€™s disease from basic to advanced activities of daily living. <i>Journal of Neurology</i> , 2019, 266, 1310-1322.	1.8	11
3382	An information-theoretic study of fish swimming in the wake of a pitching airfoil. <i>Physica D: Nonlinear Phenomena</i> , 2019, 396, 35-46.	1.3	7
3383	Characterization of white matter changes along fibers by automated fiber quantification in the early stages of Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2019, 22, 101723.	1.4	37
3384	Covariance statistics and network analysis of brain PET imaging studies. <i>Scientific Reports</i> , 2019, 9, 2496.	1.6	42
3385	Evidence for an altered architecture and a hierarchical modulation of inhibitory control processes in ADHD. <i>Developmental Cognitive Neuroscience</i> , 2019, 36, 100623.	1.9	20
3386	Executive Function in Relation to White Matter in Preterm and Full Term Children. <i>Frontiers in Pediatrics</i> , 2019, 6, 418.	0.9	24
3387	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
3388	Multimodal neuroimaging study reveals dissociable processes between structural and functional networks in patients with subacute intracerebral hemorrhage. <i>Medical and Biological Engineering and Computing</i> , 2019, 57, 1285-1295.	1.6	3
3389	Regional Delta Waves In Human Rapid Eye Movement Sleep. <i>Journal of Neuroscience</i> , 2019, 39, 2686-2697.	1.7	104
3390	Differences in Regional Brain Activities during Memory Acquisition Depending on Individual Working Memory Capacity. <i>Advanced Biomedical Engineering</i> , 2019, 8, 23-29.	0.4	0

#	ARTICLE	IF	CITATIONS
3391	Imaging human cortical responses to intraneural microstimulation using magnetoencephalography. <i>NeuroImage</i> , 2019, 189, 329-340.	2.1	5
3392	Mutations in the SPAST gene causing hereditary spastic paraplegia are related to global topological alterations in brain functional networks. <i>Neurological Sciences</i> , 2019, 40, 979-984.	0.9	26
3393	Cortical Tracking of Speech-in-Noise Develops from Childhood to Adulthood. <i>Journal of Neuroscience</i> , 2019, 39, 2938-2950.	1.7	49
3394	Patients with sickle-cell disease exhibit greater functional connectivity and centrality in the locus coeruleus compared to anemic controls. <i>NeuroImage: Clinical</i> , 2019, 21, 101686.	1.4	6
3395	Electroconvulsive Therapy Modulates Resting-State EEG Oscillatory Pattern and Phase Synchronization in Nodes of the Default Mode Network in Patients With Depressive Disorder. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 1.	1.0	133
3396	Goal-Directed Processing of Naturalistic Stimuli Modulates Large-Scale Functional Connectivity. <i>Frontiers in Neuroscience</i> , 2019, 12, 1003.	1.4	7
3397	Gaussian Process Landmarking for Three-Dimensional Geometric Morphometrics. <i>SIAM Journal on Mathematics of Data Science</i> , 2019, 1, 237-267.	1.0	15
3398	Subcortical electrophysiological activity is detectable with high-density EEG source imaging. <i>Nature Communications</i> , 2019, 10, 753.	5.8	174
3399	Surface Potential Phase Discrimination of Bereitschaftspotentials. , 2019, , .		0
3400	The Effect of Lexical Cohort Size Is Independent of Semantic Context Effects in a Picture-Word Interference Task: A Combined ERP and sLORETA Study. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 439.	1.0	5
3401	Evidence for genetically determined degeneration of proprioceptive tracts in Friedreich ataxia. <i>Neurology</i> , 2019, 93, e116-e124.	1.5	30
3402	Resting-State Functional Connectivity in Popular Targets for Deep Brain Stimulation in the Treatment of Major Depression: An Application of a Graph Theory. , 2019, 2019, 4334-4337.		1
3403	Remapping in Cerebral and Cerebellar Cortices Is Not Restricted by Somatotopy. <i>Journal of Neuroscience</i> , 2019, 39, 9328-9342.	1.7	31
3404	Sucrose intake lowers $\mu$ -opioid and dopamine D2/3 receptor availability in porcine brain. <i>Scientific Reports</i> , 2019, 9, 16918.	1.6	27
3405	Music Improvisation Is Characterized by Increase EEG Spectral Power in Prefrontal and Perceptual Motor Cortical Sources and Can be Reliably Classified From Non-improvisatory Performance. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 435.	1.0	23
3406	Application of symbolic recurrence to experimental data, from firearm prevalence to fish swimming. <i>Chaos</i> , 2019, 29, 113128.	1.0	1
3407	Multivariate Analysis of Electrophysiological Signals Reveals the Temporal Properties of Visuomotor Computations for Precision Grips. <i>Journal of Neuroscience</i> , 2019, 39, 9585-9597.	1.7	9
3408	Common Neural System for Sentence and Picture Comprehension Across Languages: A Chinese-Japanese Bilingual Study. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 380.	1.0	8

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3409	Analgasic Effects of Compression at Trigger Points Are Associated With Reduction of Frontal Polar Cortical Activity as Well as Functional Connectivity Between the Frontal Polar Area and Insula in Patients With Chronic Low Back Pain: A Randomized Trial. <i>Frontiers in Systems Neuroscience</i> , 2019, 13, 68.	1.2	15
3410	Sleep EEG slow-wave activity in medicated and unmedicated children and adolescents with attention-deficit/hyperactivity disorder. <i>Translational Psychiatry</i> , 2019, 9, 324.	2.4	25
3411	Electrocortical Evidence for Impaired Affective Picture Processing after Long-Term Immobilization. <i>Scientific Reports</i> , 2019, 9, 16610.	1.6	13
3412	EEG cross-frequency correlations as a marker of predisposition to affective disorders. <i>Heliyon</i> , 2019, 5, e02942.	1.4	10
3413	Identification of Neuronal Lineages in the Drosophila Peripheral Nervous System with a "Digital" Multi-spectral Lineage Tracing System. <i>Cell Reports</i> , 2019, 29, 3303-3312.e3.	2.9	18
3414	Widespread subcortical grey matter degeneration in primary lateral sclerosis: a multimodal imaging study with genetic profiling. <i>NeuroImage: Clinical</i> , 2019, 24, 102089.	1.4	60
3415	A longitudinal fixel-based analysis of white matter alterations in patients with Parkinson's disease. <i>NeuroImage: Clinical</i> , 2019, 24, 102098.	1.4	35
3416	Dynamic visual guidance with complex task improves intracortical source activities during motor imagery. <i>NeuroReport</i> , 2019, 30, 645-652.	0.6	3
3417	Human visual steady-state responses to amplitude-modulated flicker: Latency measurement. <i>Journal of Vision</i> , 2019, 19, 14.	0.1	6
3418	Mental rotation of sequentially presented 3D figures: sex and sex hormones related differences in behavioural and ERP measures. <i>Scientific Reports</i> , 2019, 9, 18843.	1.6	9
3419	Mental Effort and Information-Processing Costs Are Inversely Related to Global Brain Free Energy During Visual Categorization. <i>Frontiers in Neuroscience</i> , 2019, 13, 1292.	1.4	14
3420	Large-Scale Organization of the Hand Action Observation Network in Individuals Born Without Hands. <i>Cerebral Cortex</i> , 2019, 29, 3434-3444.	1.6	19
3421	Evoked Potentials Investigations of Deficit Versus Nondeficit Schizophrenia: EEG-MEG Preliminary Data. <i>Clinical EEG and Neuroscience</i> , 2019, 50, 75-87.	0.9	6
3422	Shared understanding of narratives is correlated with shared neural responses. <i>NeuroImage</i> , 2019, 184, 161-170.	2.1	214
3423	Am I hallucinating or is my fusiform cortex activated? Functional activation differences in schizophrenia patients with and without hallucinations. <i>European Journal of Psychiatry</i> , 2019, 33, 1-7.	0.7	3
3424	Comparing the potential of MEG and EEG to uncover brain tracking of speech temporal envelope. <i>NeuroImage</i> , 2019, 184, 201-213.	2.1	46
3425	Default mode network alterations in individuals with high-trait-anxiety: An EEG functional connectivity study. <i>Journal of Affective Disorders</i> , 2019, 246, 611-618.	2.0	72
3426	Neural correlates of effort-based behavioral inconsistency. <i>Cortex</i> , 2019, 113, 96-110.	1.1	8

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3427	Resting-state connectivity within and across neural circuits in anorexia nervosa. <i>Brain and Behavior</i> , 2019, 9, e01205.	1.0	23
3428	A powerful and efficient multivariate approach for voxel-level connectome-wide association studies. <i>NeuroImage</i> , 2019, 188, 628-641.	2.1	8
3429	Human microglia regional heterogeneity and phenotypes determined by multiplexed single-cell mass cytometry. <i>Nature Neuroscience</i> , 2019, 22, 78-90.	7.1	288
3430	Effects of Positive and Negative Expectations on Human Pain Perception Engage Separate But Interrelated and Dependently Regulated Cerebral Mechanisms. <i>Journal of Neuroscience</i> , 2019, 39, 1261-1274.	1.7	27
3431	Aberrant intra and inter network resting state functional connectivity in thyrotoxicosis. <i>Journal of Neuroendocrinology</i> , 2019, 31, e12683.	1.2	3
3432	Assessment of the measurement accuracy of inertial sensors during different tasks of daily living. <i>Journal of Biomechanics</i> , 2019, 84, 81-86.	0.9	32
3433	Structural white matter networks in myotonic dystrophy type 1. <i>NeuroImage: Clinical</i> , 2019, 21, 101615.	1.4	23
3434	The relationship between the temporal structure of magnetoencephalography recorded brain activity and capacity to form discrete auditory representations. <i>European Journal of Neuroscience</i> , 2019, 49, 1564-1574.	1.2	2
3435	Regional and network properties of white matter function in Parkinson's disease. <i>Human Brain Mapping</i> , 2019, 40, 1253-1263.	1.9	97
3436	Neuroanatomical features and its usefulness in classification of patients with PANDAS. <i>CNS Spectrums</i> , 2019, 24, 533-543.	0.7	8
3437	White Matter Microstructure Correlates with Memory Performance in Healthy Children: A Diffusion Tensor Imaging Study. <i>Journal of Neuroimaging</i> , 2019, 29, 233-241.	1.0	9
3438	Intra-individual variability in neurocognitive function in schizophrenia: relationships with the corpus callosum. <i>Psychiatry Research - Neuroimaging</i> , 2019, 283, 1-6.	0.9	10
3439	Stuttering as a matter of delay in neural activation: A combined TMS/EEG study. <i>Clinical Neurophysiology</i> , 2019, 130, 61-76.	0.7	22
3440	Differentiating guilt and shame in an interpersonal context with univariate activation and multivariate pattern analyses. <i>NeuroImage</i> , 2019, 186, 476-486.	2.1	37
3441	Frequency of helping friends and helping strangers is explained by different neural signatures. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2019, 19, 177-186.	1.0	4
3442	The inferior occipital gyrus is a major cortical source of the face-evoked N170: Evidence from simultaneous scalp and intracerebral human recordings. <i>Human Brain Mapping</i> , 2019, 40, 1403-1418.	1.9	42
3443	Neuronal dynamics enable the functional differentiation of resting state networks in the human brain. <i>Human Brain Mapping</i> , 2019, 40, 1445-1457.	1.9	40
3444	No effect of attentional bias modification training in methamphetamine users receiving residential treatment. <i>Psychopharmacology</i> , 2019, 236, 709-721.	1.5	20

#	ARTICLE	IF	CITATIONS
3445	Exploratory study of the effect of binaural beat stimulation on the EEG activity pattern in resting state using artificial neural networks. <i>Cognitive Systems Research</i> , 2019, 54, 1-20.	1.9	18
3446	Low and medium frequency auditory steady-state responses decrease during NREM sleep. <i>International Journal of Psychophysiology</i> , 2019, 135, 44-54.	0.5	16
3447	A pilot trial of RNS60 in amyotrophic lateral sclerosis. <i>Muscle and Nerve</i> , 2019, 59, 303-308.	1.0	29
3448	Handling Multiplicity in Neuroimaging Through Bayesian Lenses with Multilevel Modeling. <i>Neuroinformatics</i> , 2019, 17, 515-545.	1.5	66
3449	Cortical dynamics during preparation and execution of reactive balance responses with distinct postural demands. <i>NeuroImage</i> , 2019, 188, 557-571.	2.1	85
3450	Explicit and Ambiguous Threat Processing: Functionally Dissociable Roles of the Amygdala and Bed Nucleus of the Stria Terminalis. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 543-559.	1.1	33
3451	Adaptive paradigms for mapping phonological regions in individual participants. <i>NeuroImage</i> , 2019, 189, 368-379.	2.1	28
3452	Lack of response to disgusting food in the hypothalamus and related structures in Prader Willi syndrome. <i>NeuroImage: Clinical</i> , 2019, 21, 101662.	1.4	20
3453	Dynamic Construction of Reduced Representations in the Brain for Perceptual Decision Behavior. <i>Current Biology</i> , 2019, 29, 319-326.e4.	1.8	40
3454	Shared neural representations of tactile roughness intensities by somatosensation and touch observation using an associative learning method. <i>Scientific Reports</i> , 2019, 9, 77.	1.6	16
3455	Ventromedial frontal lobe damage affects interpretation, not exploration, of emotional facial expressions. <i>Cortex</i> , 2019, 113, 312-328.	1.1	10
3456	Univariate and multivariate analyses of functional networks in absolute pitch. <i>NeuroImage</i> , 2019, 189, 241-247.	2.1	33
3457	Girls' internalizing symptoms and white matter tracts in Cortico-Limbic circuitry. <i>NeuroImage: Clinical</i> , 2019, 21, 101650.	1.4	14
3458	Changes in structural network topology correlate with severity of hallucinatory behavior in Parkinson's disease. <i>Network Neuroscience</i> , 2019, 3, 521-538.	1.4	20
3459	Deactivation of default-mode network and early suppression of decision-making areas during retrieval period by high-arousing emotions improves performance in verbal working memory task. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2019, 19, 231-238.	1.0	3
3460	Changing Opportunities for Learning in Everyday Life: Infant Body Position Over the First Year. <i>Infancy</i> , 2019, 24, 187-209.	0.9	30
3461	Don't look, don't think, just do it! Toward an understanding of alpha gating in a discrete aiming task. <i>Psychophysiology</i> , 2019, 56, e13298.	1.2	15
3462	Top-down and Bottom-up Regulated Auditory Phantom Perception. <i>Journal of Neuroscience</i> , 2019, 39, 364-378.	1.7	51



#	ARTICLE	IF	CITATIONS
3463	Propagation of Information Along the Cortical Hierarchy as a Function of Attention While Reading and Listening to Stories. <i>Cerebral Cortex</i> , 2019, 29, 4017-4034.	1.6	59
3464	Modulating neural oscillations by transcranial static magnetic field stimulation of the dorsolateral prefrontal cortex: A crossover, double-blind, sham-controlled pilot study. <i>European Journal of Neuroscience</i> , 2019, 49, 250-262.	1.2	17
3465	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
3466	Stable between-subject statistical inference from unstable within-subject functional connectivity estimates. <i>Human Brain Mapping</i> , 2019, 40, 1234-1243.	1.9	16
3467	Reduced cortical thickness in subjects at clinical high risk for psychosis and clinical attributes. <i>Australian and New Zealand Journal of Psychiatry</i> , 2019, 53, 219-227.	1.3	16
3468	Voxel-based meta-analysis via permutation of subject images (PSI): Theory and implementation for SDM. <i>NeuroImage</i> , 2019, 186, 174-184.	2.1	186
3469	Reduced frontal slow wave density during sleep in first-episode psychosis. <i>Schizophrenia Research</i> , 2019, 206, 318-324.	1.1	32
3470	Multimodal magnetic resonance imaging investigation of basal forebrain damage and cognitive deficits in Parkinson's disease. <i>Movement Disorders</i> , 2019, 34, 516-525.	2.2	42
3471	Connectometry evaluation in patients undergoing carotid endarterectomy: an exploratory study. <i>Brain Imaging and Behavior</i> , 2019, 13, 1708-1718.	1.1	9
3472	Tracking mood fluctuations with functional network patterns. <i>Social Cognitive and Affective Neuroscience</i> , 2019, 14, 47-57.	1.5	16
3473	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
3474	Ankle angle variability during running in athletes with chronic ankle instability and copers. <i>Gait and Posture</i> , 2019, 68, 329-334.	0.6	11
3475	Brain dynamics during the sleep onset transition: An EEG source localization study. <i>Neurobiology of Sleep and Circadian Rhythms</i> , 2019, 6, 24-34.	1.4	21
3476	Amyloid deposition is associated with different patterns of hippocampal connectivity in men versus women. <i>Neurobiology of Aging</i> , 2019, 76, 141-150.	1.5	6
3477	Alterations in structural rich-club connectivity of the precuneus are associated with depressive symptoms among individuals with subjective memory complaints. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2019, 19, 73-87.	1.0	3
3478	The Hippocampus Generalizes across Memories that Share Item and Context Information. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 24-35.	1.1	29
3479	The temporal dynamics of structure and content in sentence comprehension: Evidence from fMRI-constrained MEG. <i>Human Brain Mapping</i> , 2019, 40, 663-678.	1.9	63
3480	An Overview of Functional Magnetic Resonance Imaging Techniques for Organizational Research. <i>Organizational Research Methods</i> , 2019, 22, 17-45.	5.6	15

#	ARTICLE	IF	CITATIONS
3481	Nicotinic receptor abnormalities as a biomarker in idiopathic generalized epilepsy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 385-395.	3.3	14
3482	Understanding Individual Differences in Domain-General Prosociality: A Resting EEG Study. <i>Brain Topography</i> , 2019, 32, 118-126.	0.8	15
3483	The relationship between socioeconomic status and white matter microstructure in pre-reading children: A longitudinal investigation. <i>Human Brain Mapping</i> , 2019, 40, 741-754.	1.9	54
3484	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
3485	Imaging patterns of gray and white matter abnormalities associated with PASAT and SDMT performance in relapsing-remitting multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2019, 25, 204-216.	1.4	33
3486	The spatiotemporal pattern of pure tone processing: A single-trial EEG-fMRI study. <i>NeuroImage</i> , 2019, 187, 184-191.	2.1	14
3487	Topography of activation deficits in schizophrenia during P300 task related to cognition and structural connectivity. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2019, 269, 419-428.	1.8	8
3488	Don't Disturb Me! Understanding the Impact of Interruptions on Knowledge Work: an Exploratory Neuroimaging Study. <i>Information Systems Frontiers</i> , 2019, 21, 1019-1030.	4.1	11
3489	Physical fitness and shapes of subcortical brain structures in children. <i>British Journal of Nutrition</i> , 2019, 122, S49-S58.	1.2	29
3490	Gaze Interaction With Vibrotactile Feedback: Review and Design Guidelines. <i>Human-Computer Interaction</i> , 2020, 35, 1-39.	3.1	19
3491	Aberrant white matter properties of the callosal tracts implicated in girls with attention-deficit/hyperactivity disorder. <i>Brain Imaging and Behavior</i> , 2020, 14, 728-735.	1.1	22
3492	Morphological changes in subregions of hippocampus and amygdala in major depressive disorder patients. <i>Brain Imaging and Behavior</i> , 2020, 14, 653-667.	1.1	53
3493	Aberrant cerebellar neural activity and cerebro-cerebellar functional connectivity involving executive dysfunction in schizophrenia with primary negative symptoms. <i>Brain Imaging and Behavior</i> , 2020, 14, 869-880.	1.1	14
3494	Brain activity patterns of phonemic representations are atypical in beginning readers with family risk for dyslexia. <i>Developmental Science</i> , 2020, 23, e12857.	1.3	36
3495	Imaging correlates of hand motor performance in multiple sclerosis: A multiparametric structural and functional MRI study. <i>Multiple Sclerosis Journal</i> , 2020, 26, 233-244.	1.4	19
3496	Alterations of cerebral perfusion and functional brain connectivity in medication-naïve male adults with attention-deficit/hyperactivity disorder. <i>CNS Neuroscience and Therapeutics</i> , 2020, 26, 197-206.	1.9	26
3497	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
3498	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

#	ARTICLE	IF	CITATIONS
3499	Altered large-scale functional brain networks in neurological Wilson's disease. <i>Brain Imaging and Behavior</i> , 2020, 14, 1445-1455.	1.1	15
3500	A Bayesian General Linear Modeling Approach to Cortical Surface fMRI Data Analysis. <i>Journal of the American Statistical Association</i> , 2020, 115, 501-520.	1.8	32
3501	Aberrant functional connectivity in patients with Parkinson's disease and freezing of gait: a within- and between-network analysis. <i>Brain Imaging and Behavior</i> , 2020, 14, 1543-1554.	1.1	27
3502	Differential patterns of brain activation between hoarding disorder and obsessive-compulsive disorder during executive performance. <i>Psychological Medicine</i> , 2020, 50, 666-673.	2.7	10
3503	Relationship Between White Matter Abnormalities and Neuropsychological Measures in Children With ADHD. <i>Journal of Attention Disorders</i> , 2020, 24, 1020-1031.	1.5	8
3504	Are there two different forms of functional dystonia? A multimodal brain structural MRI study. <i>Molecular Psychiatry</i> , 2020, 25, 3350-3359.	4.1	22
3505	The role of demographic similarity in people's decision to interact with online anthropomorphic recommendation agents: Evidence from a functional magnetic resonance imaging (fMRI) study. <i>International Journal of Human Computer Studies</i> , 2020, 133, 56-70.	3.7	20
3506	Inter-subject pattern analysis: A straightforward and powerful scheme for group-level MVPA. <i>NeuroImage</i> , 2020, 204, 116205.	2.1	24
3507	Brain Networks Communicate Through Theta Oscillations to Encode High Load in a Visuospatial Working Memory Task: An EEG Connectivity Study. <i>Brain Topography</i> , 2020, 33, 75-85.	0.8	28
3508	Grey matter reduction in the occipitotemporal cortex in Spanish children with dyslexia: A voxel-based morphometry study. <i>Journal of Neurolinguistics</i> , 2020, 53, 100873.	0.5	9
3509	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
3510	Viewing Pictures Triggers Rapid Morphological Enlargement in the Human Visual Cortex. <i>Cerebral Cortex</i> , 2020, 30, 851-857.	1.6	19
3511	Detecting and testing altered brain connectivity networks with k-partite network topology. <i>Computational Statistics and Data Analysis</i> , 2020, 141, 109-122.	0.7	11
3512	White Matter Microstructure in Pediatric Bipolar Disorder and Disruptive Mood Dysregulation Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2020, 59, 1135-1145.	0.3	20
3513	Cerebrovascular effects of endothelin-1 investigated using high-resolution magnetic resonance imaging in healthy volunteers. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 1685-1694.	2.4	21
3514	The adverse effect of gradient nonlinearities on diffusion MRI: From voxels to group studies. <i>NeuroImage</i> , 2020, 205, 116127.	2.1	32
3515	Unilateral jump landing neuromechanics of individuals with chronic ankle instability. <i>Journal of Science and Medicine in Sport</i> , 2020, 23, 430-436.	0.6	14
3516	Dissociable Mechanisms of Verbal Working Memory Revealed through Multivariate Lesion Mapping. <i>Cerebral Cortex</i> , 2020, 30, 2542-2554.	1.6	14

#	ARTICLE	IF	CITATIONS
3517	Sleep modulates effective connectivity: A study using intracranial stimulation and recording. <i>Clinical Neurophysiology</i> , 2020, 131, 529-541.	0.7	11
3518	Task-Modulated Corticocortical Synchrony in the Cognitive-Motor Network Supporting Handwriting. <i>Cerebral Cortex</i> , 2020, 30, 1871-1886.	1.6	6
3519	Functional impact of subthalamotomy by magnetic resonance-guided focused ultrasound in Parkinson's disease: a hybrid PET/MR study of resting-state brain metabolism. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 425-436.	3.3	23
3520	Neural Correlates of Causal Confounding. <i>Journal of Cognitive Neuroscience</i> , 2020, 32, 301-314.	1.1	2
3521	Electroencephalographic (EEG) alterations in young women with high subclinical eating pathology levels: a quantitative EEG study. <i>Eating and Weight Disorders</i> , 2020, 25, 1631-1642.	1.2	2
3522	Prediction-error signals to violated expectations about person identity and head orientation are doubly-dissociated across dorsal and ventral visual stream regions. <i>NeuroImage</i> , 2020, 206, 116325.	2.1	13
3523	Movement and Performance Explain Widespread Cortical Activity in a Visual Detection Task. <i>Cerebral Cortex</i> , 2020, 30, 421-437.	1.6	127
3524	Influence of cognitive-motor expertise on brain dynamics of anticipatory-based outcome processing. <i>Psychophysiology</i> , 2020, 57, e13477.	1.2	10
3525	The practice of meditation is not associated with improved interoceptive awareness of the heartbeat. <i>Psychophysiology</i> , 2020, 57, e13479.	1.2	33
3526	Quantification of cerebral perfusion and cerebrovascular reserve using Turbo-QUASAR arterial spin labeling MRI. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 731-748.	1.9	11
3527	White matter connectivity differences between treatment responders and non-responders in patients with panic disorder. <i>Journal of Affective Disorders</i> , 2020, 260, 527-535.	2.0	9
3528	A Multidimensional Neural Maturation Index Reveals Reproducible Developmental Patterns in Children and Adolescents. <i>Journal of Neuroscience</i> , 2020, 40, 1265-1275.	1.7	33
3529	The effect of amyloid deposition on longitudinal resting-state functional connectivity in cognitively normal older adults. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 7.	3.0	14
3530	People represent mental states in terms of rationality, social impact, and valence: Validating the 3d Mind Model. <i>Cortex</i> , 2020, 125, 44-59.	1.1	21
3531	Short- and long-term forms of neural adaptation: An ERP investigation of dynamic motion aftereffects. <i>Cortex</i> , 2020, 125, 122-134.	1.1	11
3532	The Endogenous Analgesia Signature in the Resting Brain of Healthy Adults and Migraineurs. <i>Journal of Pain</i> , 2020, 21, 905-918.	0.7	22
3533	Diminished large-scale functional brain networks in absolute pitch during the perception of naturalistic music and audiobooks. <i>NeuroImage</i> , 2020, 216, 116513.	2.1	16
3534	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

#	ARTICLE	IF	CITATIONS
3535	Revealing Changes in Brain Functional Networks Caused by Focused-Attention Meditation Using Tucker3 Clustering. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 473.	1.0	11
3536	Disease-specific profiles of apathy in Alzheimer's disease and behavioural-variant frontotemporal dementia differ across the disease course. <i>Journal of Neurology</i> , 2020, 267, 1086-1096.	1.8	36
3537	Regions of white matter abnormalities in the arcuate fasciculus in veterans with anger and aggression problems. <i>Brain Structure and Function</i> , 2020, 225, 1401-1411.	1.2	10
3538	Abnormal EEG Power Spectrum in Individuals with High Autistic Personality Traits: an eLORETA Study. <i>Journal of Psychopathology and Behavioral Assessment</i> , 2020, 42, 560-569.	0.7	3
3539	Oxytocin changes behavior and spatio-temporal brain dynamics underlying inter-group conflict in humans. <i>European Neuropsychopharmacology</i> , 2020, 31, 119-130.	0.3	17
3540	Selective peak inference: Unbiased estimation of raw and standardized effect size at local maxima. <i>NeuroImage</i> , 2020, 209, 116375.	2.1	6
3541	Evidence that alpha blocking is due to increases in system-level oscillatory damping not neuronal population desynchronisation. <i>NeuroImage</i> , 2020, 208, 116408.	2.1	9
3542	Hippocampal diaschisis contributes to anosognosia for hemiplegia: Evidence from lesion network-symptom-mapping. <i>NeuroImage</i> , 2020, 208, 116485.	2.1	22
3543	Scene construction impairments in frontotemporal dementia: Evidence for a primary hippocampal contribution. <i>Neuropsychologia</i> , 2020, 137, 107327.	0.7	20
3544	Linking alpha oscillations, attention and inhibitory control in adult ADHD with EEG neurofeedback. <i>NeuroImage: Clinical</i> , 2020, 25, 102145.	1.4	57
3545	White matter tract-specific alterations in male patients with untreated obstructive sleep apnea are associated with worse cognitive function. <i>Sleep</i> , 2020, 43, .	0.6	25
3546	Takotsubo syndrome: How the broken heart deals with negative emotions. <i>NeuroImage: Clinical</i> , 2020, 25, 102124.	1.4	4
3547	Regions of the brain activated in bladder filling vs rectal distention in healthy adults: A meta-analysis of neuroimaging studies. <i>Neurourology and Urodynamics</i> , 2020, 39, 58-65.	0.8	15
3548	Structural network changes in cerebral small vessel disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 196-203.	0.9	28
3549	Spontaneous network activity <math>\leq 35\text{ Hz}</math> accounts for variability in stimulus-induced gamma responses. <i>NeuroImage</i> , 2020, 207, 116374.	2.1	17
3550	Waist to hip ratio and breast size modulate the processing of female body silhouettes: An EEG study. <i>Evolution and Human Behavior</i> , 2020, 41, 150-169.	1.4	12
3551	Brain source imaging based on movement-related cortical potentials induced by fatigue during self-paced handgrip contractions. <i>NeuroReport</i> , 2020, 31, 300-304.	0.6	0
3552	A spatial profile difference in electrical distribution of resting-state EEG in ADHD children using sLORETA. <i>International Journal of Neuroscience</i> , 2020, 130, 917-925.	0.8	11

#	ARTICLE	IF	CITATIONS
3553	Lip-Reading Enables the Brain to Synthesize Auditory Features of Unknown Silent Speech. <i>Journal of Neuroscience</i> , 2020, 40, 1053-1065.	1.7	69
3554	One-year changes in brain microstructure differentiate preclinical Huntington's disease stages. <i>NeuroImage: Clinical</i> , 2020, 25, 102099.	1.4	8
3555	Cluster failure or power failure? Evaluating sensitivity in cluster-level inference. <i>NeuroImage</i> , 2020, 209, 116468.	2.1	62
3556	Motor cortical inhibition during concurrent action execution and action observation. <i>NeuroImage</i> , 2020, 208, 116445.	2.1	15
3557	A generic brain connectome map linked to different types of everyday decision-making in old age. <i>Brain Structure and Function</i> , 2020, 225, 1389-1400.	1.2	1
3558	Fighting or embracing multiplicity in neuroimaging? neighborhood leverage versus global calibration. <i>NeuroImage</i> , 2020, 206, 116320.	2.1	21
3559	Quantitative brain lesion distribution may distinguish MOG-ab and AQP4-ab neuromyelitis optica spectrum disorders. <i>European Radiology</i> , 2020, 30, 1470-1479.	2.3	11
3560	White matter integrity alternations associated with cocaine dependence and long-term abstinence: Preliminary findings. <i>Behavioural Brain Research</i> , 2020, 379, 112388.	1.2	18
3561	Stairways to the brain: Transcutaneous spinal direct current stimulation (tsDCS) modulates a cerebellar-cortical network enhancing verb recovery. <i>Brain Research</i> , 2020, 1727, 146564.	1.1	9
3562	Reduced Brain Electric Activity and Functional Connectivity in Bipolar Euthymia: An sLORETA Source Localization Study. <i>Clinical EEG and Neuroscience</i> , 2020, 51, 155-166.	0.9	9
3563	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
3564	Spatially and Temporally Distinct Encoding of Muscle and Kinematic Information in Rostral and Caudal Primary Motor Cortex. <i>Cerebral Cortex Communications</i> , 2020, 1, tgaa009.	0.7	5
3565	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
3566	Neural Connectivity Changes Facilitated by Familiar Auditory Sensory Training in Disordered Consciousness: A TBI Pilot Study. <i>Frontiers in Neurology</i> , 2020, 11, 1027.	1.1	7
3567	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
3568	Spatiotemporal brain signal associated with high and low levels of proactive motor response inhibition. <i>Brain Research</i> , 2020, 1747, 147064.	1.1	4
3569	GraphNet-based imaging biomarker model to explain levodopa-induced dyskinesia in Parkinson's disease. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 196, 105713.	2.6	1
3570	Are morphological and structural MRI characteristics related to specific cognitive impairments in neurofibromatosis type 1 (NF1) children?. <i>European Journal of Paediatric Neurology</i> , 2020, 28, 89-100.	0.7	17

#	ARTICLE	IF	CITATIONS
3571	Functional connectome-based biomarkers predict chronic codeine-containing cough syrup dependent. <i>Journal of Psychiatric Research</i> , 2020, 130, 333-341.	1.5	3
3572	Layer-dependent multiplicative effects of spatial attention on contrast responses in human early visual cortex. <i>Progress in Neurobiology</i> , 2020, 207, 101897.	2.8	15
3573	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, 2020, niaa020.	1.4	3
3574	The influence of footwear on walking biomechanics in individuals with chronic ankle instability. <i>PLoS ONE</i> , 2020, 15, e0239621.	1.1	3
3575	Characterisation of Haemodynamic Activity in Resting State Networks by Fractal Analysis. <i>International Journal of Neural Systems</i> , 2020, 30, 2050061.	3.2	17
3576	Depressogenic self-schemas are associated with smaller regional grey matter volume in never-depressed preadolescents. <i>NeuroImage: Clinical</i> , 2020, 28, 102422.	1.4	3
3577	Spatiotemporal pattern of brain electrical activity related to immediate and delayed episodic memory retrieval. <i>Neurobiology of Learning and Memory</i> , 2020, 175, 107309.	1.0	1
3578	Motor cortex gliomas induces microstructural changes of large fiber tracts revealed by TBSS. <i>Scientific Reports</i> , 2020, 10, 16900.	1.6	4
3579	Biased Neural Representation of Feature-Based Attention in the Human Frontoparietal Network. <i>Journal of Neuroscience</i> , 2020, 40, 8386-8395.	1.7	11
3580	Correlates of Silence: Enhanced Microstructural Changes in the Uncinate Fasciculus. <i>Frontiers in Psychology</i> , 2020, 11, 543773.	1.1	8
3581	Modality-specific and multisensory mechanisms of spatial attention and expectation. <i>Journal of Vision</i> , 2020, 20, 1.	0.1	6
3582	Power Spectral Differences between Transient Epileptic and Global Amnesia: An eLORETA Quantitative EEG Study. <i>Brain Sciences</i> , 2020, 10, 613.	1.1	7
3583	Effects of simultaneous real-time fMRI and EEG neurofeedback in major depressive disorder evaluated with brain electromagnetic tomography. <i>NeuroImage: Clinical</i> , 2020, 28, 102459.	1.4	21
3584	Behavioral Teleporting of Individual Ethograms onto Inanimate Robots: Experiments on Social Interactions in Live Zebrafish. <i>IScience</i> , 2020, 23, 101418.	1.9	8
3585	Generative modelling of the thalamo-cortical circuit mechanisms underlying the neurophysiological effects of ketamine. <i>NeuroImage</i> , 2020, 221, 117189.	2.1	15
3586	Neonatal white matter tract microstructure and 2-year language outcomes after preterm birth. <i>NeuroImage: Clinical</i> , 2020, 28, 102446.	1.4	15
3587	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
3588	Dysregulated brain salience within a triple network model in high trait anxiety individuals: A pilot EEG functional connectivity study. <i>International Journal of Psychophysiology</i> , 2020, 157, 61-69.	0.5	14

#	ARTICLE	IF	CITATIONS
3589	High gamma cortical processing of continuous speech in younger and older listeners. <i>NeuroImage</i> , 2020, 222, 117291.	2.1	39
3590	Dual Function of Primary Somatosensory Cortex in Cognitive Control of Language: Evidence from Resting State fMRI. <i>Neuroscience</i> , 2020, 446, 59-68.	1.1	7
3591	Dynamic neurocognitive changes in interoception after heart transplant. <i>Brain Communications</i> , 2020, 2, fcaa095.	1.5	23
3592	Groin injury risk of pubertal soccer players increases during peak height velocity due to changes in movement techniques. <i>Journal of Sports Sciences</i> , 2020, 38, 2661-2669.	1.0	7
3593	Longitudinal white-matter abnormalities in sports-related concussion. <i>Neurology</i> , 2020, 95, e781-e792.	1.5	47
3594	Role of the locus coeruleus arousal system in cognitive control. <i>Journal of Neuroendocrinology</i> , 2020, 32, e12890.	1.2	30
3595	Causal Inference in Audiovisual Perception. <i>Journal of Neuroscience</i> , 2020, 40, 6600-6612.	1.7	19
3596	EEG gamma activity to emotional movies in individuals with high traits of primary "successful" psychopathy. <i>Brain and Cognition</i> , 2020, 143, 105599.	0.8	5
3597	Brain functional connectivity in chronic tic disorders and Gilles de la Tourette syndrome. <i>Progress in Neurobiology</i> , 2020, 194, 101884.	2.8	13
3598	Voxel-based assessments of treatment effects on longitudinal brain changes in the Multidomain Alzheimer Preventive Trial cohort. <i>Neurobiology of Aging</i> , 2020, 94, 50-59.	1.5	8
3599	Improving practices and inferences in developmental cognitive neuroscience. <i>Developmental Cognitive Neuroscience</i> , 2020, 45, 100807.	1.9	27
3600	Resting-state posterior alpha rhythms are abnormal in subjective memory complaint seniors with preclinical Alzheimer's neuropathology and high education level: the INSIGHT-preAD study. <i>Neurobiology of Aging</i> , 2020, 90, 43-59.	1.5	30
3601	Repeated exposure makes attractive faces more attractive: Neural responses in facial attractiveness judgement. <i>Neuropsychologia</i> , 2020, 139, 107365.	0.7	14
3602	Structural correlates of atypical visual and motor cortical oscillations in pediatric-onset multiple sclerosis. <i>Human Brain Mapping</i> , 2020, 41, 4299-4313.	1.9	6
3603	Effects of Transcranial Direct Current Stimulation on Brain Networks Related to Creative Thinking. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 541052.	1.0	8
3604	Resting State Functional Connectivity Is Decreased Globally Across the C9orf72 Mutation Spectrum. <i>Frontiers in Neurology</i> , 2020, 11, 598474.	1.1	7
3605	Neuronal Avalanches to Study the Coordination of Large-Scale Brain Activity: Application to Rett Syndrome. <i>Frontiers in Psychology</i> , 2020, 11, 550749.	1.1	9
3606	Core and matrix thalamic sub-populations relate to spatio-temporal cortical connectivity gradients. <i>NeuroImage</i> , 2020, 222, 117224.	2.1	58



#	ARTICLE	IF	CITATIONS
3607	Cerebral Spectral Perturbation during Upper Limb Diagonal Movements. , 0, , .		0
3608	False positive rates in positron emission tomography (PET) voxelwise analyses. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 41, 0271678X2097496.	2.4	5
3609	Time-resolved classification of dog brain signals reveals early processing of faces, species and emotion. <i>Scientific Reports</i> , 2020, 10, 19846.	1.6	9
3610	Entorhinal Tau Predicts Hippocampal Activation and Memory Deficits in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2020, 78, 1601-1614.	1.2	5
3611	Resting EEG Asymmetry Markers of Multiple Facets of the Behavioral Approach System: A LORETA Analysis. <i>Symmetry</i> , 2020, 12, 1794.	1.1	3
3612	Scalp electroencephalograms over ipsilateral sensorimotor cortex reflect contraction patterns of unilateral finger muscles. <i>NeuroImage</i> , 2020, 222, 117249.	2.1	9
3613	Neuroplasticity in Post-Stroke Aphasia: A Systematic Review and Meta-Analysis of Functional Imaging Studies of Reorganization of Language Processing. <i>Neurobiology of Language (Cambridge, Mass )</i> , 2021, 2, 22-82.	1.7	53
3614	Evidence accumulation for value computation in the prefrontal cortex during decision making. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 30728-30737.	3.3	33
3615	Flexible Coordinator and Switcher Hubs for Adaptive Task Control. <i>Journal of Neuroscience</i> , 2020, 40, 6949-6968.	1.7	62
3616	Spectrally resolved EEG intersubject correlation reveals distinct cortical oscillatory patterns during free-viewing of affective scenes. <i>Psychophysiology</i> , 2020, 57, e13652.	1.2	14
3617	Electrophysiological correlates of focused attention on low- and high-distressed tinnitus. <i>PLoS ONE</i> , 2020, 15, e0236521.	1.1	9
3618	Global Brain Involvement in Posterior Cortical Atrophy: Multimodal MR Imaging Investigation. <i>Brain Topography</i> , 2020, 33, 600-612.	0.8	6
3619	Repetitive Mild Traumatic Brain Injuries in Mice during Adolescence Cause Sexually Dimorphic Behavioral Deficits and Neuroinflammatory Dynamics. <i>Journal of Neurotrauma</i> , 2020, 37, 2718-2732.	1.7	13
3620	Open eyes and closed eyes elicit different temporal properties of brain functional networks. <i>NeuroImage</i> , 2020, 222, 117230.	2.1	36
3621	State-dependent perception and perceptual reversals during intermittent binocular rivalry: An electrical neuroimaging study. <i>Neuroscience Letters</i> , 2020, 736, 135252.	1.0	2
3622	Speech perception at birth: The brain encodes fast and slow temporal information. <i>Science Advances</i> , 2020, 6, eaba7830.	4.7	31
3623	Heterogeneity of EEG resting-state brain networks in absolute pitch. <i>International Journal of Psychophysiology</i> , 2020, 157, 11-22.	0.5	7
3624	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

#	ARTICLE	IF	CITATIONS
3625	A Case of Psychogenic Myoclonus Responding to a Novel Transcranial Magnetic Stimulation Approach: Rationale, Feasibility, and Possible Neurophysiological Basis. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 292.	1.0	2
3626	Intermittent theta burst stimulation over the dorsomedial prefrontal cortex modulates resting-state connectivity in depressive patients: A sham-controlled study. <i>Behavioural Brain Research</i> , 2020, 394, 112834.	1.2	17
3627	A voxel-based analysis of cerebral blood flow abnormalities in obsessive-compulsive disorder using pseudo-continuous arterial spin labeling MRI. <i>PLoS ONE</i> , 2020, 15, e0236512.	1.1	2
3628	Image Based Data Mining Using Per-voxel Cox Regression. <i>Frontiers in Oncology</i> , 2020, 10, 1178.	1.3	15
3629	Neural correlates of the association between depression and high density lipoprotein cholesterol change. <i>Journal of Psychiatric Research</i> , 2020, 130, 9-18.	1.5	10
3630	Task-independent Electrophysiological Correlates of Motor Imagery Ability from Kinaesthetic and Visual Perspectives. <i>Neuroscience</i> , 2020, 443, 176-187.	1.1	9
3631	In Amyotrophic Lateral Sclerosis Blood Cytokines Are Altered, but Do Not Correlate with Changes in Brain Topology. <i>Brain Connectivity</i> , 2020, 10, 411-421.	0.8	13
3632	Pericapsular hip muscle activity in people with and without femoroacetabular impingement. A comparison in dynamic tasks. <i>Physical Therapy in Sport</i> , 2020, 45, 135-144.	0.8	7
3633	Increased Accuracy of Emotion Recognition in Individuals with Autism-Like Traits after Five Days of Magnetic Stimulations. <i>Neural Plasticity</i> , 2020, 2020, 1-10.	1.0	3
3634	Electroencephalographic correlates of body shape concerns: an eLORETA functional connectivity study. <i>Cognitive Neurodynamics</i> , 2020, 14, 723-729.	2.3	1
3635	Brain structural evidence for a frontal pole specialization in glossolalia. <i>IBRO Reports</i> , 2020, 9, 32-36.	0.3	3
3636	The evolution of white matter microstructural changes after mild traumatic brain injury: A longitudinal DTI and NODDI study. <i>Science Advances</i> , 2020, 6, eaaz6892.	4.7	106
3637	Differences in Clinical Characteristics and Brain Activity between Patients with Low- and High-Frequency Tinnitus. <i>Neural Plasticity</i> , 2020, 2020, 1-12.	1.0	9
3638	Adaptation to feedback representation of illusory orientation produced from flash grab effect. <i>Nature Communications</i> , 2020, 11, 3925.	5.8	8
3639	Effects of spatial smoothing on group-level differences in functional brain networks. <i>Network Neuroscience</i> , 2020, 4, 556-574.	1.4	18
3640	Fixel Based Analysis Reveals Atypical White Matter Micro- and Macrostructure in Adults With Autism Spectrum Disorder: An Investigation of the Role of Biological Sex. <i>Frontiers in Integrative Neuroscience</i> , 2020, 14, 40.	1.0	13
3641	Serial MRI studies over 12 months using manual and atlas-based region of interest in patients with amyotrophic lateral sclerosis. <i>BMC Medical Imaging</i> , 2020, 20, 90.	1.4	2
3642	Firing patterns of gonadotropin-releasing hormone neurons are sculpted by their biologic state. <i>Royal Society Open Science</i> , 2020, 7, 201040.	1.1	0

#	ARTICLE	IF	CITATIONS
3643	Rhythmic neural activity is comodulated with short-term gait modifications during first-time use of a dummy prosthesis: a pilot study. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2020, 17, 134.	2.4	6
3644	Disrupted white matter integrity and network connectivity are related to poor motor performance. <i>Scientific Reports</i> , 2020, 10, 18369.	1.6	16
3645	Resting-State Function Connectivity Associated With Being a "Morning-Type" Dementia Caregiver and Having Lower Depression Symptom Severity. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2020, 76, 1071-1076.	2.4	5
3646	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
3647	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
3648	Intrinsic functional connectivity of blue and red brains: neurobiological evidence of different stress resilience between political attitudes. <i>Scientific Reports</i> , 2020, 10, 15877.	1.6	4
3649	Toward a more reliable characterization of fractal properties of the cerebral cortex of healthy subjects during the lifespan. <i>Scientific Reports</i> , 2020, 10, 16957.	1.6	25
3650	Classification of Rhythmic Cortical Activity Elicited by Whole-Body Balance Perturbations Suggests the Cortical Representation of Direction-Specific Changes in Postural Stability. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2020, 28, 2566-2574.	2.7	9
3651	I tried a bunch of things: The dangers of unexpected overfitting in classification of brain data. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 119, 456-467.	2.9	94
3652	Inter-channel phase differences during sleep spindles are altered in Veterans with PTSD. <i>NeuroImage: Clinical</i> , 2020, 28, 102390.	1.4	6
3653	Spatiotemporal changes in substantia nigra neuromelanin content in Parkinson's disease. <i>Brain</i> , 2020, 143, 2757-2770.	3.7	61
3654	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
3655	Heart-brain interactions during social and cognitive stress in hypertensive disease: A multidimensional approach. <i>European Journal of Neuroscience</i> , 2022, 55, 2836-2850.	1.2	8
3656	Defective corticomuscular connectivity during walking in patients with Parkinson's disease. <i>Journal of Neurophysiology</i> , 2020, 124, 1399-1414.	0.9	10
3657	Whole-brain multimodal MRI phenotyping of periventricular nodular heterotopia. <i>Neurology</i> , 2020, 95, e2418-e2426.	1.5	14
3658	EEG dynamics and neural generators of psychological flow during one tightrope performance. <i>Scientific Reports</i> , 2020, 10, 12449.	1.6	13
3659	Reduced attentional capture by reward following an acute dose of alcohol. <i>Psychopharmacology</i> , 2020, 237, 3625-3639.	1.5	4
3660	Normalized power variance of eLORETA at high-convexity area predicts shunt response in idiopathic normal pressure hydrocephalus. <i>Scientific Reports</i> , 2020, 10, 13054.	1.6	3

#	ARTICLE	IF	CITATIONS
3661	Macro- and microstructural changes in cosmonauts's brains after long-duration spaceflight. <i>Science Advances</i> , 2020, 6, .	4.7	56
3662	Continuous reports of sensed hand position during sensorimotor adaptation. <i>Journal of Neurophysiology</i> , 2020, 124, 1122-1130.	0.9	43
3663	Effects of Maternal Fish Oil and/or 5-Methyl-Tetrahydrofolate Supplementation during Pregnancy on Offspring Brain Resting-State at 10 Years Old: A Follow-Up Study from the NUHEAL Randomized Controlled Trial. <i>Nutrients</i> , 2020, 12, 2701.	1.7	4
3664	Gray Matter Changes in Adolescents Participating in a Meditation Training. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 319.	1.0	12
3665	Beta-Band Activity Is a Signature of Statistical Learning. <i>Journal of Neuroscience</i> , 2020, 40, 7523-7530.	1.7	13
3666	Cortical Oscillatory Signatures Reveal the Prerequisites for Tinnitus Perception: A Comparison of Subjects With Sudden Sensorineural Hearing Loss With and Without Tinnitus. <i>Frontiers in Neuroscience</i> , 2020, 14, 596647.	1.4	17
3667	Locus coeruleus connectivity alterations in late-life major depressive disorder during a visual oddball task. <i>NeuroImage: Clinical</i> , 2020, 28, 102482.	1.4	14
3668	Patient, interrupted: MEG oscillation dynamics reveal temporal dysconnectivity in schizophrenia. <i>NeuroImage: Clinical</i> , 2020, 28, 102485.	1.4	10
3669	Machines learn neuromarketing: Improving preference prediction from self-reports using multiple EEG measures and machine learning. <i>International Journal of Research in Marketing</i> , 2021, 38, 770-791.	2.4	28
3670	Higher Trait Impulsivity and Altered Frontostriatal Connectivity in Betel-Quid Dependent Individuals. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 578913.	1.0	3
3671	The peripheral effect of direct current stimulation on brain circuits involving memory. <i>Science Advances</i> , 2020, 6, .	4.7	30
3672	Quantitative tractography reveals changes in the corticospinal tract in drug-naïve children with attention-deficit/hyperactivity disorder. <i>Journal of Psychiatry and Neuroscience</i> , 2020, 45, 134-141.	1.4	11
3673	Juvenile myoclonic epilepsy shows increased posterior theta, and reduced sensorimotor beta resting connectivity. <i>Epilepsy Research</i> , 2020, 163, 106324.	0.8	21
3674	Resting-state hyperconnectivity within the default mode network impedes the ability to initiate cognitive performance in first-episode schizophrenia patients. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 102, 109959.	2.5	19
3675	Snakes elicit specific neural responses in the human infant brain. <i>Scientific Reports</i> , 2020, 10, 7443.	1.6	21
3676	Electroencephalographic changes associated with subjective under- and overestimation of sleep duration. <i>Sleep</i> , 2020, 43, .	0.6	46
3677	Age-related differences in white matter diffusion measures in autism spectrum condition. <i>Molecular Autism</i> , 2020, 11, 36.	2.6	17
3678	The Rostrolateral Prefrontal Cortex Mediates a Preference for High-Agency Environments. <i>Journal of Neuroscience</i> , 2020, 40, 4401-4409.	1.7	6

#	ARTICLE	IF	CITATIONS
3679	Thalamic-Medial Temporal Lobe Connectivity Underpins Familiarity Memory. <i>Cerebral Cortex</i> , 2020, 30, 3827-3837.	1.6	19
3680	Neurophysiological and Cognitive Correlates of Error Processing Deficits in Internet Gaming Disorder. <i>Cerebral Cortex</i> , 2020, 30, 4914-4921.	1.6	16
3681	Pre-treatment Ongoing Cortical Oscillatory Activity Predicts Improvement of Tinnitus After Partial Peripheral Reafferentation With Hearing Aids. <i>Frontiers in Neuroscience</i> , 2020, 14, 410.	1.4	19
3682	Acute alcohol intoxication and expectations reshape the spatiotemporal functional architecture of executive control. <i>NeuroImage</i> , 2020, 215, 116811.	2.1	6
3683	Chaotic behaviour of EEG responses with an identical grasp posture. <i>Computers in Biology and Medicine</i> , 2020, 123, 103822.	3.9	4
3684	â€œSwitchboardâ€ malfunction in motor neuron diseases: Selective pathology of thalamic nuclei in amyotrophic lateral sclerosis and primary lateral sclerosis. <i>NeuroImage: Clinical</i> , 2020, 27, 102300.	1.4	45
3685	Contrast-enhanced T1-weighted image radiomics of brain metastases may predict EGFR mutation status in primary lung cancer. <i>Scientific Reports</i> , 2020, 10, 8905.	1.6	34
3686	Medial Prefrontal Cortex Represents the Object-Based Cognitive Map When Remembering an Egocentric Target Location. <i>Cerebral Cortex</i> , 2020, 30, 5356-5371.	1.6	11
3687	Changed functional connectivity at rest in functional illiterates after extensive literacy training. <i>Neurological Research and Practice</i> , 2020, 2, 12.	1.0	3
3688	Multiparametric mapping of white matter microstructure in catatonia. <i>Neuropsychopharmacology</i> , 2020, 45, 1750-1757.	2.8	44
3689	Theory of mind network activity is associated with metaethical judgment: An item analysis. <i>Neuropsychologia</i> , 2020, 143, 107475.	0.7	12
3690	Neural correlates of object and action naming practice. <i>Cortex</i> , 2020, 131, 87-102.	1.1	3
3691	Discriminative Analysis of Symptom Severity and Ultra-High Risk of Schizophrenia Using Intrinsic Functional Connectivity. <i>International Journal of Neural Systems</i> , 2020, 30, 2050047.	3.2	8
3692	The impact of position-orientation adaptive smoothing in diffusion weighted imagingâ€”From diffusion metrics to fiber tractography. <i>PLoS ONE</i> , 2020, 15, e0233474.	1.1	1
3693	Assessment of the Reactivity and Localization of EEG $\delta$ -Rhythm Frequency Components on Execution and Observation of Movements. <i>Neuroscience and Behavioral Physiology</i> , 2020, 50, 468-478.	0.2	0
3694	Multi-State System Modeling and Reliability Assessment for Groups of High-speed Train Wheels. <i>Reliability Engineering and System Safety</i> , 2020, 202, 107026.	5.1	17
3695	Other peopleâ€™s gaze encoded as implied motion in the human brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 13162-13167.	3.3	14
3696	Neurobiological influence of comorbid conditions in young patients diagnosed with gaming disorder: A whole-brain functional connectivity study based on a data driven method. <i>PLoS ONE</i> , 2020, 15, e0233780.	1.1	5

#	ARTICLE	IF	CITATIONS
3697	Voxel-Based Morphometry”from Hype to Hope. A Study on Hippocampal Atrophy in Mesial Temporal Lobe Epilepsy. <i>American Journal of Neuroradiology</i> , 2020, 41, 987-993.	1.2	8
3698	Attentional reorientation along the meridians of the visual field: Are there different neural mechanisms at play?. <i>Human Brain Mapping</i> , 2020, 41, 3765-3780.	1.9	6
3699	Gradients of functional organization in posterior parietal cortex revealed by visual attention, visual short-term memory, and intrinsic functional connectivity. <i>NeuroImage</i> , 2020, 219, 117029.	2.1	10
3700	Decoding Natural Sounds in Early “Visual” Cortex of Congenitally Blind Individuals. <i>Current Biology</i> , 2020, 30, 3039-3044.e2.	1.8	41
3701	Distinct cortical networks for hand movement initiation and directional processing: An EEG study. <i>NeuroImage</i> , 2020, 220, 117076.	2.1	21
3702	High-voltage, diffuse delta rhythms coincide with wakeful consciousness and complexity in Angelman syndrome. <i>Neuroscience of Consciousness</i> , 2020, 2020, niaa005.	1.4	15
3703	Memory distortion for orthographically associated words in individuals with depressive symptoms. <i>Cognition</i> , 2020, 203, 104330.	1.1	3
3704	Corneo-retinal-dipole and eyelid-related eye artifacts can be corrected offline and online in electroencephalographic and magnetoencephalographic signals. <i>NeuroImage</i> , 2020, 218, 117000.	2.1	25
3705	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
3706	Abnormal fear circuits activities correlated to physical symptoms in somatic anxiety patients. <i>Journal of Affective Disorders</i> , 2020, 274, 54-58.	2.0	6
3707	Motion corrected MRI differentiates male and female human brain growth trajectories from mid-gestation. <i>Nature Communications</i> , 2020, 11, 3038.	5.8	19
3708	Neural Correlates of Inter-Observer Visual Congruency in Free-Viewing Condition. <i>IEEE Transactions on Cognitive and Developmental Systems</i> , 2020, , 1-1.	2.6	0
3709	Analysis of task-based functional MRI data preprocessed with fMRIPrep. <i>Nature Protocols</i> , 2020, 15, 2186-2202.	5.5	78
3710	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
3711	Iron Imaging as a Diagnostic Tool for Parkinson's Disease: A Systematic Review and Meta-Analysis. <i>Frontiers in Neurology</i> , 2020, 11, 366.	1.1	40
3712	Correlation Between the Wechsler Adult Intelligence Scale- 3rd Edition Metrics and Brain Structure in Healthy Individuals: A Whole-Brain Magnetic Resonance Imaging Study. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 211.	1.0	11
3713	The Neural Signature of Impaired <sc>Dual”Tasking</sc> in Idiopathic Rapid Eye Movement Sleep Behavior Disorder Patients. <i>Movement Disorders</i> , 2020, 35, 1596-1606.	2.2	12
3714	Accounting for multiple testing in the analysis of spatio-temporal environmental data. <i>Environmental and Ecological Statistics</i> , 2020, 27, 293-318.	1.9	13

#	ARTICLE	IF	CITATIONS
3715	Baseline Difference in Quantitative Electroencephalography Variables Between Responders and Non-Responders to Low-Frequency Repetitive Transcranial Magnetic Stimulation in Depression. <i>Frontiers in Psychiatry</i> , 2020, 11, 83.	1.3	5
3716	Spatiotemporal and spectral dynamics of multi-item working memory as revealed by the n-back task using MEG. <i>Human Brain Mapping</i> , 2020, 41, 2431-2446.	1.9	30
3717	Effective differentiation of mild cognitive impairment by functional brain graph analysis and computerized testing. <i>PLoS ONE</i> , 2020, 15, e0230099.	1.1	14
3718	White and Gray Matter Abnormalities in Manifest Huntington's Disease: Cross-Sectional and Longitudinal Analysis. <i>Journal of Neuroimaging</i> , 2020, 30, 351-358.	1.0	14
3719	Diffusion MRI revealed altered inter-hippocampal projections in the mouse brain after intrauterine inflammation. <i>Brain Imaging and Behavior</i> , 2020, 14, 383-395.	1.1	5
3720	Retrograde blood flow in the internal jugular veins of humans with hypertension may have implications for cerebral arterial blood flow. <i>European Radiology</i> , 2020, 30, 3890-3899.	2.3	8
3721	Age-related changes in the functional integrity of the phasic alerting system: a pupillometric investigation. <i>Neurobiology of Aging</i> , 2020, 91, 136-147.	1.5	6
3722	Abnormal white matter within brain structural networks is associated with high-impulse behaviour in codeine-containing cough syrup dependent users. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2020, 271, 823-833.	1.8	1
3723	Multivoxel codes for representing and integrating acoustic features in human cortex. <i>NeuroImage</i> , 2020, 217, 116661.	2.1	12
3724	Multiple testing correction over contrasts for brain imaging. <i>NeuroImage</i> , 2020, 216, 116760.	2.1	52
3725	Multivariate Pattern Analysis Techniques for Electroencephalography Data to Study Flanker Interference Effects. <i>International Journal of Neural Systems</i> , 2020, 30, 2050024.	3.2	10
3726	Basal forebrain volume reliably predicts the cortical spread of Alzheimer's degeneration. <i>Brain</i> , 2020, 143, 993-1009.	3.7	79
3727	Within-network brain connectivity in Crohn's disease patients with gadolinium deposition in the cerebellum. <i>Neuroradiology</i> , 2020, 62, 833-841.	1.1	11
3728	The role of altered brain structural connectivity in resilience, vulnerability, and disease expression to schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 101, 109917.	2.5	6
3729	The Neural Mechanisms of Associative Memory Revisited: fMRI Evidence from Implicit Contingency Learning. <i>Frontiers in Psychiatry</i> , 2019, 10, 1002.	1.3	13
3730	Increased Resting State Triple Network Functional Connectivity in Undergraduate Problematic Cannabis Users: A Preliminary EEG Coherence Study. <i>Brain Sciences</i> , 2020, 10, 136.	1.1	17
3731	Influence of multiple hypothesis testing on reproducibility in neuroimaging research: A simulation study and Python-based software. <i>Journal of Neuroscience Methods</i> , 2020, 337, 108654.	1.3	30
3732	Cortical source analysis of resting state EEG data in children with attention deficit hyperactivity disorder. <i>Clinical Neurophysiology</i> , 2020, 131, 2115-2130.	0.7	16

#	ARTICLE	IF	CITATIONS
3733	Inferring exemplar discriminability in brain representations. PLoS ONE, 2020, 15, e0232551.	1.1	27
3734	Genetic Association Between Alzheimer's Disease Risk Variant of the PICALM Gene and EEG Functional Connectivity in Non-demented Adults. Frontiers in Neuroscience, 2020, 14, 324.	1.4	6
3735	Contextual Information in Social How-To Questions That Initiate Documentation. Journal of Business and Technical Communication, 2020, 34, 287-326.	1.4	2
3736	Effect of radiation therapy on cerebral cortical thickness in glioma patients: Treatment-induced thinning of the healthy cortex. Neuro-Oncology Advances, 2020, 2, vdaa060.	0.4	17
3737	Permutation inference for canonical correlation analysis. NeuroImage, 2020, 220, 117065.	2.1	59
3738	Respiratory-related brain pulsations are increased in epilepsy—a two-centre functional MRI study. Brain Communications, 2020, 2, fcaa076.	1.5	15
3739	Propagation of BOLD Activity Reveals Task-dependent Directed Interactions Across Human Visual Cortex. Cerebral Cortex, 2020, 30, 5899-5914.	1.6	6
3740	Quantitative MRI-Based Analysis Identifies Developmental Limbic Abnormalities in <i>PCDH19</i> Encephalopathy. Cerebral Cortex, 2020, 30, 6039-6050.	1.6	12
3741	Sleep slow oscillations favour local cortical plasticity underlying the consolidation of reinforced procedural learning in human sleep. Journal of Sleep Research, 2020, 29, e13117.	1.7	12
3742	Temporal attention is not affected by working memory load. Cortex, 2020, 130, 351-361.	1.1	7
3743	&lt;p&gt;Aberrant Executive Control and Auditory Networks in Recent-Onset Schizophrenia&lt;/p&gt;. Neuropsychiatric Disease and Treatment, 2020, Volume 16, 1561-1570.	1.0	11
3744	<scp>Mega-analysis</scp> methods in <scp>ENIGMA</scp>: The experience of the generalized anxiety disorder working group. Human Brain Mapping, 2022, 43, 255-277.	1.9	51
3745	Neuroinflammation and White Matter Alterations in Obesity Assessed by Diffusion Basis Spectrum Imaging. Frontiers in Human Neuroscience, 2019, 13, 464.	1.0	56
3746	Neuro-current response functions: A unified approach to MEG source analysis under the continuous stimuli paradigm. NeuroImage, 2020, 211, 116528.	2.1	14
3747	Multi-time-point analysis: A time course analysis with functional near-infrared spectroscopy. Behavior Research Methods, 2020, 52, 1700-1713.	2.3	2
3748	Locomotor Adaptation Is Associated with Microstructural Properties of the Inferior Cerebellar Peduncle. Cerebellum, 2020, 19, 370-382.	1.4	15
3749	The Association Between Persistent White-Matter Abnormalities and Repeat Injury After Sport-Related Concussion. Frontiers in Neurology, 2019, 10, 1345.	1.1	16
3750	Two distinct neuroanatomical subtypes of schizophrenia revealed using machine learning. Brain, 2020, 143, 1027-1038.	3.7	158



#	ARTICLE	IF	CITATIONS
3751	Within and between-person correlates of the temporal dynamics of resting EEG microstates. <i>NeuroImage</i> , 2020, 211, 116631.	2.1	75
3752	Context matters: Novel metaphors in supportive and non-supportive contexts. <i>NeuroImage</i> , 2020, 212, 116645.	2.1	9
3753	The functional relevance of dorsal motor systems for processing tool nouns—evidence from patients with focal lesions. <i>Neuropsychologia</i> , 2020, 141, 107384.	0.7	13
3754	Culture modulates face scanning during dyadic social interactions. <i>Scientific Reports</i> , 2020, 10, 1958.	1.6	25
3755	Identification of patients with and without minimal hepatic encephalopathy based on gray matter volumetry using a support vector machine learning algorithm. <i>Scientific Reports</i> , 2020, 10, 2490.	1.6	9
3756	Functional connectivity between the entorhinal and posterior cingulate cortices underpins navigation discrepancies in at-risk Alzheimer's disease. <i>Neurobiology of Aging</i> , 2020, 90, 110-118.	1.5	19
3757	Motor effects of deep brain stimulation correlate with increased functional connectivity in Parkinson's disease: An MEG study. <i>NeuroImage: Clinical</i> , 2020, 26, 102225.	1.4	18
3758	The empirical replicability of task-based fMRI as a function of sample size. <i>NeuroImage</i> , 2020, 212, 116601.	2.1	54
3759	Using machine learning to reveal the population vector from EEG signals. <i>Journal of Neural Engineering</i> , 2020, 17, 026002.	1.8	11
3760	Development of neural oscillatory activity in response to speech in children from 4 to 6 years old. <i>Developmental Science</i> , 2020, 23, e12947.	1.3	21
3761	Subjective value then confidence in human ventromedial prefrontal cortex. <i>PLoS ONE</i> , 2020, 15, e0225617.	1.1	29
3762	Objective assessment of automatic language comprehension mechanisms in the brain: Novel E/MEG paradigm. <i>Psychophysiology</i> , 2020, 57, e13543.	1.2	7
3763	Additive effect of contrast and velocity suggests the role of strong excitatory drive in suppression of visual gamma response. <i>PLoS ONE</i> , 2020, 15, e0228937.	1.1	5
3764	The effect of head and gaze orientation on spine kinematics during forward flexion. <i>Human Movement Science</i> , 2020, 70, 102590.	0.6	3
3765	Neural Correlates of Vestibular Processing During a Spaceflight Analog With Elevated Carbon Dioxide (CO <sub>2</sub> ): A Pilot Study. <i>Frontiers in Systems Neuroscience</i> , 2019, 13, 80.	1.2	22
3766	Tracking the Effects of Top-down Attention on Word Discrimination Using Frequency-tagged Neuromagnetic Responses. <i>Journal of Cognitive Neuroscience</i> , 2020, 32, 877-888.	1.1	4
3767	Comparing MEG and high-density EEG for intrinsic functional connectivity mapping. <i>NeuroImage</i> , 2020, 210, 116556.	2.1	61
3768	Lithium treatment impacts nucleus accumbens shape in bipolar disorder. <i>NeuroImage: Clinical</i> , 2020, 25, 102167.	1.4	7

#	ARTICLE	IF	CITATIONS
3769	Alterations of connectivity patterns in functional brain networks in patients with mild traumatic brain injury: A longitudinal resting-state functional magnetic resonance imaging study. <i>Neuroradiology Journal</i> , 2020, 33, 186-197.	0.6	25
3770	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
3771	Spatio-temporal dynamics of face perception. <i>NeuroImage</i> , 2020, 209, 116531.	2.1	36
3772	How Our Perception and Confidence Are Altered Using Decision Cues. <i>Frontiers in Neuroscience</i> , 2019, 13, 1371.	1.4	2
3773	Autism Spectrum Disorder Symptoms are Associated with Connectivity Between Large-Scale Neural Networks and Brain Regions Involved in Social Processing. <i>Journal of Autism and Developmental Disorders</i> , 2020, 50, 2765-2778.	1.7	4
3774	Kinematic, kinetic and electromyographic differences between young adults with and without chronic ankle instability during walking. <i>Journal of Electromyography and Kinesiology</i> , 2020, 51, 102399.	0.7	11
3775	Maternal reading and fluency abilities are associated with diffusion properties of ventral and dorsal white matter tracts in their preschool-age children. <i>Brain and Cognition</i> , 2020, 140, 105532.	0.8	6
3776	Cerebellar structural connectivity and contributions to cognition in frontotemporal dementias. <i>Cortex</i> , 2020, 129, 57-67.	1.1	21
3777	Impaired topographic organization in Parkinson's disease with mild cognitive impairment. <i>Journal of the Neurological Sciences</i> , 2020, 414, 116861.	0.3	21
3778	Neocortical activity tracks the hierarchical linguistic structures of self-produced speech during reading aloud. <i>NeuroImage</i> , 2020, 216, 116788.	2.1	16
3779	Investigating the Effects of Chiropractic Spinal Manipulation on EEG in Stroke Patients. <i>Brain Sciences</i> , 2020, 10, 253.	1.1	9
3780	Neurophysiological correlates of religious coping to stress: a preliminary EEG power spectra investigation. <i>Neuroscience Letters</i> , 2020, 728, 134956.	1.0	15
3781	Quantitative electroencephalogram analysis of frontal cortex functional changes in patients with migraine. <i>Kaohsiung Journal of Medical Sciences</i> , 2020, 36, 543-551.	0.8	3
3782	Association between diffusivity measures and language and cognitive-control abilities from early toddler's age to childhood. <i>Brain Structure and Function</i> , 2020, 225, 1103-1122.	1.2	13
3783	Investigating time-varying functional connectivity derived from the Jackknife Correlation method for distinguishing between emotions in fMRI data. <i>Cognitive Neurodynamics</i> , 2020, 14, 457-471.	2.3	9
3784	Sex differences in upper limb musculoskeletal biomechanics during a lifting task. <i>Applied Ergonomics</i> , 2020, 86, 103106.	1.7	15
3785	Deficits in cognitive and affective theory of mind relate to dissociated lesion patterns in prefrontal and insular cortex. <i>Cortex</i> , 2020, 128, 218-233.	1.1	28
3786	Entrainment and synchronization of brain oscillations to auditory stimulations. <i>Neuroscience Research</i> , 2020, 156, 271-278.	1.0	16

#	ARTICLE	IF	CITATIONS
3787	Finding the needle in a high-dimensional haystack: Canonical correlation analysis for neuroscientists. <i>NeuroImage</i> , 2020, 216, 116745.	2.1	163
3788	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
3789	Regional neurodegeneration correlates with sleep-wake dysfunction after stroke. <i>Sleep</i> , 2020, 43, .	0.6	10
3790	Distinct Components in the Right Extended Frontal Aslant Tract Mediate Language and Working Memory Performance: A Tractography-Informed VBM Study. <i>Frontiers in Neuroanatomy</i> , 2020, 14, 21.	0.9	11
3791	Predicting Long-Term After-Effects of Theta-Burst Stimulation on Supplementary Motor Network Through One-Session Response. <i>Frontiers in Neuroscience</i> , 2020, 14, 237.	1.4	6
3792	Microstructural Alterations in Hippocampal Subfields Mediate Age-Related Memory Decline in Humans. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 94.	1.7	32
3793	A study in affect: Predicting valence from fMRI data. <i>Neuropsychologia</i> , 2020, 143, 107473.	0.7	14
3794	Abnormal functional connectivity as neural biological substrate of trait and state characteristics in major depressive disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 102, 109949.	2.5	18
3795	Within-group synchronization in the prefrontal cortex associates with intergroup conflict. <i>Nature Neuroscience</i> , 2020, 23, 754-760.	7.1	76
3796	The interplay of top-down focal attention and the cortical tracking of speech. <i>Scientific Reports</i> , 2020, 10, 6922.	1.6	21
3797	A unified model of shared brain structural alterations in patients with different mental disorders who experience own-thought auditory verbal hallucinations: A pilot study. <i>Brain and Behavior</i> , 2020, 10, e01614.	1.0	4
3798	The large-scale structural connectome of task-specific focal dystonia. <i>Human Brain Mapping</i> , 2020, 41, 3253-3265.	1.9	25
3799	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
3800	Slow wave oscillations in Schizophrenia First-Degree Relatives: A confirmatory analysis and feasibility study on slow wave traveling. <i>Schizophrenia Research</i> , 2020, 221, 37-43.	1.1	10
3801	Loss of nucleus accumbens low-frequency fluctuations is a signature of chronic pain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 10015-10023.	3.3	42
3802	Serial Diffusion Kurtosis Magnetic Resonance Imaging Study during Acute, Subacute, and Recovery Periods after Sport-Related Concussion. <i>Journal of Neurotrauma</i> , 2020, 37, 2081-2092.	1.7	12
3803	Towards individualized cortical thickness assessment for clinical routine. <i>Journal of Translational Medicine</i> , 2020, 18, 151.	1.8	9
3804	Sustained Visual Priming Effects Can Emerge from Attentional Oscillation and Temporal Expectation. <i>Journal of Neuroscience</i> , 2020, 40, 3657-3674.	1.7	4

#	ARTICLE	IF	CITATIONS
3805	Reward-Based Improvements in Motor Control Are Driven by Multiple Error-Reducing Mechanisms. <i>Journal of Neuroscience</i> , 2020, 40, 3604-3620.	1.7	42
3806	Parkinson's Disease Exhibits Amplified Intermuscular Coherence During Dynamic Voluntary Action. <i>Frontiers in Neurology</i> , 2020, 11, 204.	1.1	6
3807	Neurological manifestations of Erdheim-Chester Disease. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 497-506.	1.7	23
3808	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
3809	The right hemisphere is important for driving-related cognitive function after stroke. <i>Neurosurgical Review</i> , 2021, 44, 977-985.	1.2	9
3810	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
3811	Extracellular free water and glutathione in first-episode psychosis—a multimodal investigation of an inflammatory model for psychosis. <i>Molecular Psychiatry</i> , 2021, 26, 761-771.	4.1	30
3812	Motion Coherence and Luminance Contrast Interact in Driving Visual Gamma-Band Activity. <i>Cerebral Cortex</i> , 2021, 31, 1622-1631.	1.6	2
3813	Different and common brain signals of altered neurocognitive mechanisms for unfamiliar face processing in acquired and developmental prosopagnosia. <i>Cortex</i> , 2021, 134, 92-113.	1.1	1
3814	White Matter Differences in Networks in Elders with Mild Cognitive Impairment and Alzheimer's Disease. <i>Brain Connectivity</i> , 2021, 11, 180-188.	0.8	12
3815	Measurement of white matter fiber-bundle cross-section in multiple sclerosis using diffusion-weighted imaging. <i>Multiple Sclerosis Journal</i> , 2021, 27, 818-826.	1.4	14
3816	The effects of internal jugular vein compression for modulating and preserving white matter following a season of American tackle football: A prospective longitudinal evaluation of differential head impact exposure. <i>Journal of Neuroscience Research</i> , 2021, 99, 423-445.	1.3	10
3817	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
3818	Study of EEG microstates in Parkinson's disease: a potential biomarker?. <i>Cognitive Neurodynamics</i> , 2021, 15, 463-471.	2.3	23
3819	A comparative study on inter-brain synchrony in real and virtual environments using hyperscanning. <i>Computers and Graphics</i> , 2021, 94, 62-75.	1.4	24
3820	White matter microstructure and connectivity in patients with obsessive-compulsive disorder and their unaffected siblings. <i>Acta Psychiatrica Scandinavica</i> , 2021, 143, 72-81.	2.2	9
3821	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
3822	Physical fitness and brain source localization during a working memory task in children with overweight/obesity: The ActiveBrains project. <i>Developmental Science</i> , 2021, 24, e13048.	1.3	5

#	ARTICLE	IF	CITATIONS
3823	The role of hippocampal theta oscillations in working memory impairment in multiple sclerosis. <i>Human Brain Mapping</i> , 2021, 42, 1376-1390.	1.9	14
3824	The brain network organization during sleep onset after deprivation. <i>Clinical Neurophysiology</i> , 2021, 132, 36-44.	0.7	13
3825	Effects of Korean red ginseng on human gray matter volume and cognitive function: A voxel-based morphometry study. <i>Human Psychopharmacology</i> , 2021, 36, e2767.	0.7	4
3826	Neural generators involved in visual cue processing in children with attention-deficit/hyperactivity disorder (ADHD). <i>European Journal of Neuroscience</i> , 2021, 53, 1207-1224.	1.2	6
3827	Brain functional connectivity in individuals with psychogenic nonepileptic seizures (PNES): An application of graph theory. <i>Epilepsy and Behavior</i> , 2021, 114, 107565.	0.9	14
3828	An empirical comparison of univariate versus multivariate methods for the analysis of brain-behavior mapping. <i>Human Brain Mapping</i> , 2021, 42, 1070-1101.	1.9	49
3829	Default mode network subsystem alterations in bipolar disorder during major depressive episode. <i>Journal of Affective Disorders</i> , 2021, 281, 856-864.	2.0	11
3830	Parallel cortical-brainstem pathways to attentional analgesia. <i>NeuroImage</i> , 2021, 226, 117548.	2.1	26
3831	Stimulus-Specific Visual Working Memory Representations in Human Cerebellar Lobule VIIb/VIIIa. <i>Journal of Neuroscience</i> , 2021, 41, 1033-1045.	1.7	29
3832	Neuroimaging correlates of emotional response-inhibition discriminate between young depressed adults with and without sub-threshold bipolar symptoms (Emotional Response-inhibition in Young) <i>Tj ETQq1 1 0.784614 rgBZ /Overlock</i>	1.7	14
3833	Neural substrates of subcortical aphasia in subacute stroke: Voxel-based lesion symptom mapping study. <i>Journal of the Neurological Sciences</i> , 2021, 420, 117266.	0.3	4
3834	Parkinson Disease Propagation Using MRI Biomarkers and Partial Least Squares Path Modeling. <i>Neurology</i> , 2021, 96, e460-e471.	1.5	18
3835	Use of random matrix theory in the discovery of resting state brain networks. <i>Magnetic Resonance Imaging</i> , 2021, 77, 69-87.	1.0	1
3836	Manual dexterity in late childhood is associated with maturation of the corticospinal tract. <i>NeuroImage</i> , 2021, 226, 117583.	2.1	13
3837	Reliable change in neuropsychological test scores is associated with brain atrophy in older adults. <i>Journal of Neuropsychology</i> , 2021, 15, 274-299.	0.6	5
3838	A Practical Introduction to Network Neuroscience for Communication Researchers. <i>Communication Methods and Measures</i> , 2021, 15, 60-79.	3.0	3
3839	Data-Driven Classification of Spectral Profiles Reveals Brain Region-Specific Plasticity in Blindness. <i>Cerebral Cortex</i> , 2021, 31, 2505-2522.	1.6	13
3840	Functional thalamocortical connectivity at term equivalent age and outcome at 2 years in infants born preterm. <i>Cortex</i> , 2021, 135, 17-29.	1.1	15

#	ARTICLE	IF	CITATIONS
3841	Microstructural white matter abnormalities in pediatric and adult obsessive-compulsive disorder: A systematic review and meta-analysis. <i>Brain and Behavior</i> , 2021, 11, e01975.	1.0	13
3842	Behavioral and neurophysiological signatures of interoceptive enhancements following vagus nerve stimulation. <i>Human Brain Mapping</i> , 2021, 42, 1227-1242.	1.9	12
3843	Testing the reinforcement learning hypothesis of social conformity. <i>Human Brain Mapping</i> , 2021, 42, 1328-1342.	1.9	15
3844	Musical instrument training program improves verbal memory and neural efficiency in novice older adults. <i>Human Brain Mapping</i> , 2021, 42, 1359-1375.	1.9	21
3845	Delta resting-state functional connectivity in the cognitive control network as a prognostic factor for maintaining abstinence: An eLORETA preliminary study. <i>Drug and Alcohol Dependence</i> , 2021, 218, 108393.	1.6	6
3846	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
3847	Aging Modulates Prefrontal Plasticity Induced by Executive Control Training. <i>Cerebral Cortex</i> , 2021, 31, 809-825.	1.6	7
3848	Depression is associated with disconnection of neurotransmitter-related nuclei in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2021, 27, 1102-1111.	1.4	5
3849	A Comparison of Mobile VR Display Running on an Ordinary Smartphone With Standard PC Display for P300-BCI Stimulus Presentation. <i>IEEE Transactions on Games</i> , 2021, 13, 68-77.	1.2	13
3850	Vasogenic Brain Edema During Maintenance Hemodialysis. <i>Clinical Neuroradiology</i> , 2021, 31, 217-224.	1.0	9
3851	A Nonparametric Graphical Tests of Significance in Functional GLM. <i>Methodology and Computing in Applied Probability</i> , 2021, 23, 593-612.	0.7	3
3852	Aberrant intrinsic connectivity in women victims of sexual assault. <i>Brain Imaging and Behavior</i> , 2021, 15, 2356-2366.	1.1	8
3853	Patterns and networks of language control in bilingual language production. <i>Brain Structure and Function</i> , 2021, 226, 963-977.	1.2	10
3854	fMRI-based identity classification accuracy in left temporal and frontal regions predicts speaker recognition performance. <i>Scientific Reports</i> , 2021, 11, 489.	1.6	6
3855	Tract-specific analysis and neurocognitive functioning in sickle cell patients without history of overt stroke. <i>Brain and Behavior</i> , 2021, 11, e01978.	1.0	7
3856	The BDNF Val66Met polymorphism regulates vulnerability to chronic stress and phantom perception. <i>Progress in Brain Research</i> , 2021, 260, 301-326.	0.9	8
3857	Transcranial Evoked Potentials Can Be Reliably Recorded with Active Electrodes. <i>Brain Sciences</i> , 2021, 11, 145.	1.1	31
3858	Facial Expressions of Emotion Transmit Multiplexed Signals of Categorical and Dimensional Information. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0

#	ARTICLE	IF	CITATIONS
3859	Aberrant brain network topology in the frontoparietal-limbic circuit in bipolar disorder: a graph-theory study. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2021, 271, 1379-1391.	1.8	9
3860	Dynamics of Topâ€œDown Control and Motor Networks in Parkinson's Disease. <i>Movement Disorders</i> , 2021, 36, 916-926.	2.2	28
3861	Innocuous pressure sensation requires A-type afferents but not functional $\text{K}^+$ channels in humans. <i>Nature Communications</i> , 2021, 12, 657.	5.8	20
3862	Neural processes in antecedent anxiety modulate risk-taking behavior. <i>Scientific Reports</i> , 2021, 11, 2637.	1.6	13
3863	Lattice Paths for Persistent Diagrams. <i>Lecture Notes in Computer Science</i> , 2021, 12929, 77-86.	1.0	3
3864	Decreased resting-state alpha-band activation and functional connectivity after sleep deprivation. <i>Scientific Reports</i> , 2021, 11, 484.	1.6	21
3865	Action Modulates the Conscious Reasoning Process of Moral Judgment: Evidence From Behavior and Neurophysiology. <i>Frontiers in Behavioral Neuroscience</i> , 2020, 14, 577252.	1.0	0
3867	Regional brain volume predicts response to methylphenidate treatment in individuals with ADHD. <i>BMC Psychiatry</i> , 2021, 21, 26.	1.1	14
3868	Computerized physical and cognitive training improves the functional architecture of the brain in adults with Down syndrome: A network science EEG study. <i>Network Neuroscience</i> , 2021, 5, 274-294.	1.4	6
3869	Neural mapping of anhedonia across psychiatric diagnoses: A transdiagnostic neuroimaging analysis. <i>NeuroImage: Clinical</i> , 2021, 32, 102825.	1.4	14
3870	Identifying Diurnal Variability of Brain Connectivity Patterns Using Graph Theory. <i>Brain Sciences</i> , 2021, 11, 111.	1.1	14
3872	Detection of Statistically Significant Differences Between Process Variants Through Declarative Rules. <i>Lecture Notes in Business Information Processing</i> , 2021, , 73-91.	0.8	1
3873	Context Memory Encoding and Retrieval Temporal Dynamics are Modulated by Attention across the Adult Lifespan. <i>ENeuro</i> , 2021, 8, ENEURO.0387-20.2020.	0.9	6
3874	Time Stand Still: Effects of Temporal Window Selection on Eye Tracking Analysis. <i>Collabra: Psychology</i> , 2021, 7, .	0.9	8
3875	The Aberrant Behavioral Spectrum of Internet Addiction in University Students. , 2021, , .		1
3876	The interplay of emotional and social conceptual processes during moral reasoning in frontotemporal dementia. <i>Brain</i> , 2021, 144, 938-952.	3.7	21
3877	Intra-Areal Visual Topography in Primate Brains Mapped with Probabilistic Tractography of Diffusion-Weighted Imaging. <i>Cerebral Cortex</i> , 2022, 32, 2555-2574.	1.6	1
3878	Functional connectivity of the anterior cingulate cortex with pain-related regions in children with post-traumatic headache. <i>Cephalalgia Reports</i> , 2021, 4, 251581632110094.	0.2	2

#	ARTICLE	IF	CITATIONS
3879	A Look Into the Power of fNIRS Signals by Using the Welch Power Spectral Estimate for Deception Detection. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 606238.	1.0	3
3880	Î±5 subunit-containing GABAA receptors in temporal lobe epilepsy with normal MRI. <i>Brain Communications</i> , 2021, 3, fcaa190.	1.5	5
3882	Head-Down Tilt Position, but Not the Duration of Bed Rest Affects Resting State Electrocardiac Activity. <i>Frontiers in Physiology</i> , 2021, 12, 638669.	1.3	9
3883	Speech rate association with cerebellar white-matter diffusivity in adults with persistent developmental stuttering. <i>Brain Structure and Function</i> , 2021, 226, 801-816.	1.2	8
3885	Alterations and Associations Between Magnetic Susceptibility of the Basal Ganglia and Diffusion Properties in Alzheimer's Disease. <i>Frontiers in Neuroscience</i> , 2021, 15, 616163.	1.4	2
3886	Brain network analysis reveals that amyloidopathy affects comorbid cognitive dysfunction in older adults with depression. <i>Scientific Reports</i> , 2021, 11, 4299.	1.6	3
3887	Entorhinal and ventromedial prefrontal cortices abstract and generalize the structure of reinforcement learning problems. <i>Neuron</i> , 2021, 109, 713-723.e7.	3.8	54
3888	“Mickey Mousing” in the Brain: Motion-Sound Synesthesia and the Subcortical Substrate of Audio-Visual Integration. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 605166.	1.0	2
3889	Conflict processing networks: A directional analysis of stimulus-response compatibilities using MEG. <i>PLoS ONE</i> , 2021, 16, e0247408.	1.1	5
3890	The Functional Relevance of Task-State Functional Connectivity. <i>Journal of Neuroscience</i> , 2021, 41, 2684-2702.	1.7	67
3891	Decoding working memory task condition using magnetoencephalography source level long-range phase coupling patterns. <i>Journal of Neural Engineering</i> , 2021, 18, 016027.	1.8	12
3892	A high-density electroencephalography study reveals abnormal sleep homeostasis in patients with rapid eye movement sleep behavior disorder. <i>Scientific Reports</i> , 2021, 11, 4758.	1.6	20
3894	Influence of Fatigue on the Rapid Hamstring/Quadriceps Force Capacity in Soccer Players. <i>Frontiers in Physiology</i> , 2021, 12, 627674.	1.3	10
3895	Heterogeneity of behavioural and language deficits in FTD-MND. <i>Journal of Neurology</i> , 2021, 268, 2876-2889.	1.8	4
3896	Long-Term Mutual Training for the CYBATHLON BCI Race With a Tetraplegic Pilot: A Case Study on Inter-Session Transfer and Intra-Session Adaptation. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 635777.	1.0	15
3897	Fiber ball white matter modeling in focal epilepsy. <i>Human Brain Mapping</i> , 2021, 42, 2490-2507.	1.9	12
3900	Effects of Hip Abductor Strengthening on Musculoskeletal Loading in Hip Dysplasia Patients after Total Hip Replacement. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2123.	1.3	7
3902	Structural brain measures linked to clinical phenotypes in major depression replicate across clinical centres. <i>Molecular Psychiatry</i> , 2021, 26, 2764-2775.	4.1	21



#	ARTICLE	IF	CITATIONS
3903	Time is body: Multimodal evidence of crosstalk between interoception and time estimation. <i>Biological Psychology</i> , 2021, 159, 108017.	1.1	18
3904	Decoding Spatial Versus Non-spatial Processing in Auditory Working Memory. <i>Frontiers in Neuroscience</i> , 2021, 15, 637877.	1.4	5
3906	Characterization of kinesthetic motor imagery compared with visual motor imageries. <i>Scientific Reports</i> , 2021, 11, 3751.	1.6	30
3907	Characterizing resting-state networks in Parkinson's disease: A multi-aspect functional connectivity study. <i>Brain and Behavior</i> , 2021, 11, e02101.	1.0	8
3908	The Differences in the Whole-Brain Functional Network between Cantonese-Mandarin Bilinguals and Mandarin Monolinguals. <i>Brain Sciences</i> , 2021, 11, 310.	1.1	10
3909	Reading between the lines: Listener's vmPFC simulates speaker cooperative choices in communication games. <i>Science Advances</i> , 2021, 7, .	4.7	10
3910	Augmenting interictal mapping with neurovascular coupling biomarkers by structured factorization of epileptic EEG and fMRI data. <i>NeuroImage</i> , 2021, 228, 117652.	2.1	14
3911	Neural representation of abstract task structure during generalization. <i>ELife</i> , 2021, 10, .	2.8	27
3912	Differing Time Courses of Reward-Related Attentional Processing: An EEG Source-Space Analysis. <i>Brain Topography</i> , 2021, 34, 283-296.	0.8	3
3913	Improving the sensitivity of cluster-based statistics for functional magnetic resonance imaging data. <i>Human Brain Mapping</i> , 2021, 42, 2746-2765.	1.9	2
3915	Both Default and Multiple-Demand Regions Represent Semantic Goal Information. <i>Journal of Neuroscience</i> , 2021, 41, 3679-3691.	1.7	34
3916	Increase in Beta Power Reflects Attentional Top-Down Modulation After Psychosocial Stress Induction. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 630813.	1.0	18
3917	Mapping Specific Mental Content during Musical Imagery. <i>Cerebral Cortex</i> , 2021, 31, 3622-3640.	1.6	10
3919	Apathy is associated with parietal cortical-subcortical dysfunction in ALS. <i>Cortex</i> , 2021, 145, 341-349.	1.1	12
3920	Age differences in Neural Activation to Face Trustworthiness: Voxel Pattern and Activation Level Assessments. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2021, 21, 278-291.	1.0	2
3921	Functional and Structural Connectivity Between the Left Dorsolateral Prefrontal Cortex and Insula Could Predict the Antidepressant Effects of Repetitive Transcranial Magnetic Stimulation. <i>Frontiers in Neuroscience</i> , 2021, 15, 645936.	1.4	17
3922	Development of brain atlases for early-to-middle adolescent collision-sport athletes. <i>Scientific Reports</i> , 2021, 11, 6440.	1.6	1
3923	The Effect of Perampanel on Resting-State Electroencephalography Functional Connectivity in Patients with Epilepsy. <i>Epilepsia Epilepsy and Community</i> , 2021, 3, 40-46.	0.1	0

#	ARTICLE	IF	CITATIONS
3924	Increased Within-Network Functional Connectivity May Predict NEDA Status in Fingolimod-Treated MS Patients. <i>Frontiers in Neurology</i> , 2021, 12, 632917.	1.1	3
3925	Accelerated brain aging in chronic low back pain. <i>Brain Research</i> , 2021, 1755, 147263.	1.1	19
3926	Fixel-Based Analysis of White Matter Degeneration in Patients With Progressive Supranuclear Palsy or Multiple System Atrophy, as Compared to Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 625874.	1.7	10
3927	Longitudinal Changes in Neuromelanin MRI Signal in Parkinson's Disease: A Progression Marker. <i>Movement Disorders</i> , 2021, 36, 1592-1602.	2.2	52
3928	Impaired posterior cingulate cortex-parahippocampus connectivity is associated with episodic memory retrieval problems in amnesic mild cognitive impairment. <i>European Journal of Neuroscience</i> , 2021, 53, 3125-3141.	1.2	19
3929	Trunk, pelvis and lower limb coordination between anticipated and unanticipated sidestep cutting in females. <i>Gait and Posture</i> , 2021, 85, 131-137.	0.6	11
3930	Biomechanical effects of foot orthoses with and without a lateral bar in individuals with cavus feet during comfortable and fast walking. <i>PLoS ONE</i> , 2021, 16, e0248658.	1.1	5
3931	Prevalence and Risk Factors of Infection in the Representative COVID-19 Cohort Munich. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 3572.	1.2	47
3932	Graded recruitment of pupil-linked neuromodulation by parametric stimulation of the vagus nerve. <i>Nature Communications</i> , 2021, 12, 1539.	5.8	59
3933	Meta-analysis of neural systems underlying placebo analgesia from individual participant fMRI data. <i>Nature Communications</i> , 2021, 12, 1391.	5.8	75
3935	Reduced Flicker Lighting Enhances Theta-Band Phase Synchrony during Working Memory Tasks. <i>Journal of Sleep Medicine</i> , 2021, 18, 46-54.	0.4	0
3936	Neurodevelopmental differences in child and adult number processing: An fMRI-based validation of the triple code model. <i>Developmental Cognitive Neuroscience</i> , 2021, 48, 100933.	1.9	7
3937	Is Accelerometry an Effective Method to Assess Muscle Vibrations in Comparison to Ultrafast Ultrasonography?. <i>IEEE Transactions on Biomedical Engineering</i> , 2021, 68, 1409-1416.	2.5	5
3938	Aberrant brain voxel-wise resting state fMRI in patients with thyroid-associated ophthalmopathy. <i>Journal of Neuroimaging</i> , 2021, 31, 773-783.	1.0	17
3939	Attentional bias during emotional processing: Behavioral and electrophysiological evidence from an Emotional Flanker Task. <i>PLoS ONE</i> , 2021, 16, e0249407.	1.1	7
3940	Initial white matter connectivity differences between remitters and non-remitters of patients with panic disorder after 6 months of pharmacotherapy. <i>Neuroscience Letters</i> , 2021, 751, 135826.	1.0	3
3941	A robust brain signature region approach for episodic memory performance in older adults. <i>Brain</i> , 2021, 144, 1089-1102.	3.7	8
3942	A quality control pipeline for probabilistic reconstruction of white-matter pathways. <i>Journal of Neuroscience Methods</i> , 2021, 353, 109099.	1.3	2

#	ARTICLE	IF	CITATIONS
3944	Long-term microstructure and cerebral blood flow changes in patients recovered from COVID-19 without neurological manifestations. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	145
3945	Basmisanil, a highly selective GABA <sub>A</sub> - $\alpha$ 5 negative allosteric modulator: preclinical pharmacology and demonstration of functional target engagement in man. <i>Scientific Reports</i> , 2021, 11, 7700.	1.6	10
3946	Localization accuracy of a common beamformer for the comparison of two conditions. <i>NeuroImage</i> , 2021, 230, 117793.	2.1	3
3947	Breathlessness in COPD: linking symptom clusters with brain activity. <i>European Respiratory Journal</i> , 2021, 58, 2004099.	3.1	19
3948	How usefulness shapes neural representations during goal-directed behavior. <i>Science Advances</i> , 2021, 7, .	4.7	23
3950	Interoception Primes Emotional Processing: Multimodal Evidence from Neurodegeneration. <i>Journal of Neuroscience</i> , 2021, 41, 4276-4292.	1.7	54
3951	Alterations of core structural network connectome associated with suicidal ideation in major depressive disorder patients. <i>Translational Psychiatry</i> , 2021, 11, 243.	2.4	19
3952	Caudate and cerebellar involvement in altered P2 and P3 components of GO/NoGO evoked potentials in children with attention deficit/hyperactivity disorder. <i>European Journal of Neuroscience</i> , 2021, 53, 3447-3462.	1.2	7
3953	Does gaze direction of fearful faces facilitate the processing of threat? An ERP study of spatial precuing effects. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2021, 21, 837-851.	1.0	4
3954	Neural entrainment to speech and nonspeech in dyslexia: Conceptual replication and extension of previous investigations. <i>Cortex</i> , 2021, 137, 160-178.	1.1	20
3958	Functional Connectivity Analysis in Heterozygous Glucocerebrosidase Mutation Carriers. <i>Journal of Parkinson's Disease</i> , 2021, 11, 559-568.	1.5	5
3959	Opposite effects of one session of 1ÂHz rTMS on functional connectivity between pre-supplementary motor area and putamen depending on the dyskinesia state in Parkinson's disease. <i>Clinical Neurophysiology</i> , 2021, 132, 851-856.	0.7	9
3960	High-resolution connectomic fingerprints: Mapping neural identity and behavior. <i>NeuroImage</i> , 2021, 229, 117695.	2.1	65
3961	Impact of 2D and 3D display watching on EEG power spectra: A standardized low-resolution tomography (sLORETA) study. <i>Signal Processing: Image Communication</i> , 2021, 93, 116151.	1.8	0
3962	Electrophysiological correlates of conventional metaphor, irony, and literal language processing â€“ An event-related potentials and eLORETA study. <i>Brain and Language</i> , 2021, 215, 104930.	0.8	4
3963	Dynamic Connectivity Alteration Facilitates Cognitive Decline in Alzheimer's Disease Spectrum. <i>Brain Connectivity</i> , 2021, 11, 213-224.	0.8	10
3964	Early auditory-evoked potentials in body dysmorphic disorder: An ERP/sLORETA study. <i>Psychiatry Research</i> , 2021, 299, 113865.	1.7	5
3965	Clustered functional domains for curves and corners in cortical area V4. <i>ELife</i> , 2021, 10, .	2.8	5

#	ARTICLE	IF	CITATIONS
3966	Neuroimaging and DNA Methylation: An Innovative Approach to Study the Effects of Early Life Stress on Developmental Plasticity. <i>Frontiers in Psychology</i> , 2021, 12, 672786.	1.1	5
3967	Phenotypical predictors of pregnancy-related restless legs syndrome and their association with basal ganglia and the limbic circuits. <i>Scientific Reports</i> , 2021, 11, 9996.	1.6	2
3968	Quantified assessment of hyperactivity in ADHD youth using IR-UWB radar. <i>Scientific Reports</i> , 2021, 11, 9604.	1.6	7
3969	In exogenous attention, time is the clue: Brain and heart interactions to survive threatening stimuli. <i>PLoS ONE</i> , 2021, 16, e0243117.	1.1	4
3970	Prefrontal Plasticity after a 3-Month Exercise Intervention in Older Adults Relates to Enhanced Cognitive Performance. <i>Cerebral Cortex</i> , 2021, 31, 4501-4517.	1.6	7
3971	No evidence for an effect of a working memory training program on white matter microstructure. <i>Intelligence</i> , 2021, 86, 101541.	1.6	1
3973	Microstates in complex and dynamical environments: Unraveling situational awareness in critical helicopter landing maneuvers. <i>Human Brain Mapping</i> , 2021, 42, 3168-3181.	1.9	15
3975	The spatiotemporal changes in dopamine, neuromelanin and iron characterizing Parkinson's disease. <i>Brain</i> , 2021, 144, 3114-3125.	3.7	65
3976	Central pain modulatory mechanisms of attentional analgesia are preserved in fibromyalgia. <i>Pain</i> , 2022, 163, 125-136.	2.0	9
3978	Threat imminence modulates neural gain in attention and motor relevant brain circuits in humans. <i>Psychophysiology</i> , 2021, 58, e13849.	1.2	5
3979	Examining the privacy paradox through individuals' neural disposition in e-commerce: An exploratory neuroimaging study. <i>Computers and Security</i> , 2021, 104, 102201.	4.0	9
3980	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
3981	Cortical gamma-band resonance preferentially transmits coherent input. <i>Cell Reports</i> , 2021, 35, 109083.	2.9	26
3982	White matter tract signatures of fiber density and morphology in ADHD. <i>Cortex</i> , 2021, 138, 329-340.	1.1	23
3983	Online Movement Correction in Response to the Unexpectedly Perturbed Initial or Final Action Goals: An ERP and sLORETA Study. <i>Brain Sciences</i> , 2021, 11, 641.	1.1	2
3984	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
3985	Effectiveness of Commercial Software-Enhanced Image Artifact Reduction Software. <i>Journal of Endodontics</i> , 2021, 47, 820-826.	1.4	3
3988	Landmark-free, parametric hypothesis tests regarding two-dimensional contour shapes using coherent point drift registration and statistical parametric mapping. <i>PeerJ Computer Science</i> , 2021, 7, e542.	2.7	1

#	ARTICLE	IF	CITATIONS
3989	Emotion Regulation Failures Are Preceded by Local Increases in Sleep-like Activity. <i>Journal of Cognitive Neuroscience</i> , 2021, 33, 2342-2356.	1.1	7
3990	Ketamine Alters Functional Gamma and Theta Resting-State Connectivity in Healthy Humans: Implications for Schizophrenia Treatment Targeting the Glutamate System. <i>Frontiers in Psychiatry</i> , 2021, 12, 671007.	1.3	11
3992	The progression of disorder-specific brain pattern expression in schizophrenia over 9 years. <i>NPJ Schizophrenia</i> , 2021, 7, 32.	2.0	10
3994	Analysis of Age-Related White Matter Microstructures Based on Diffusion Tensor Imaging. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 664911.	1.7	4
3995	Multidimensional analysis and detection of informative features in human brain white matter. <i>PLoS Computational Biology</i> , 2021, 17, e1009136.	1.5	14
3996	Frontal activation as a key for deciphering context congruity and valence during visual perception: An electrical neuroimaging study. <i>Brain and Cognition</i> , 2021, 150, 105711.	0.8	1
3997	Measuring the cortical tracking of speech with optically-pumped magnetometers. <i>NeuroImage</i> , 2021, 233, 117969.	2.1	22
3998	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
3999	Analogous computations in working memory input, output and motor gating: Electrophysiological and computational modeling evidence. <i>PLoS Computational Biology</i> , 2021, 17, e1008971.	1.5	24
4001	Pathological laughter and crying: insights from lesion network-symptom-mapping. <i>Brain</i> , 2021, 144, 3264-3276.	3.7	17
4004	The impact of emotionally valenced music on emotional state and EEG profile: Convergence of self-report and quantitative data. <i>Neuroscience Letters</i> , 2021, 758, 136009.	1.0	4
4005	Reduced Resting-State Cortical Alpha Connectivity Reflects Distinct Functional Brain Dysconnectivity in Alzheimer's Disease and Mild Cognitive Impairment. <i>Brain Connectivity</i> , 2021, , .	0.8	5
4006	Resting-State Brain Network Deficits in Multiple Sclerosis Participants: Evidence from Electroencephalography and Graph Theoretical Analysis. <i>Brain Connectivity</i> , 2021, 11, 359-367.	0.8	3
4007	Detecting functional connectivity disruptions in a translational pediatric traumatic brain injury porcine model using resting-state and task-based fMRI. <i>Scientific Reports</i> , 2021, 11, 12406.	1.6	7
4008	Cerebral Oxygen Metabolic Stress, Microstructural Injury, and Infarction in Adults With Sickle Cell Disease. <i>Neurology</i> , 2021, 97, e902-e912.	1.5	14
4011	The Neural Blending of Words and Movement: Event-Related Potential Signatures of Semantic and Action Processes during Motor-â€“Language Coupling. <i>Journal of Cognitive Neuroscience</i> , 2021, 33, 1-15.	1.1	11
4012	Dataâ€“driven beamforming technique to attenuate ballistocardiogram artefacts in electroencephalographyâ€“functional magnetic resonance imaging without detecting cardiac pulses in electrocardiography recordings. <i>Human Brain Mapping</i> , 2021, 42, 3993-4021.	1.9	5
4013	Cardiac-induced cerebral pulsatility, brain structure, and cognition in middle and older-aged adults. <i>NeuroImage</i> , 2021, 233, 117956.	2.1	5

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4014	Characterizing white matter alterations subject to clinical laterality in drug-naïve de novo Parkinson's disease. <i>Human Brain Mapping</i> , 2021, 42, 4465-4477.	1.9	12
4015	Cerebrovascular reactivity measurements using simultaneous 15O-water PET and ASL MRI: Impacts of arterial transit time, labeling efficiency, and hematocrit. <i>NeuroImage</i> , 2021, 233, 117955.	2.1	28
4016	Circuit mechanisms for the chemical modulation of cortex-wide network interactions and behavioral variability. <i>Science Advances</i> , 2021, 7, .	4.7	31
4017	P300 and delay-discounting in obsessive-compulsive disorder. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2021, , 1.	1.8	1
4018	Statistical Functional Modeling of Quality Changes of Garlic under Different Storage Regimes. <i>Journal of Data Science</i> , 2006, 4, 233-246.	0.5	0
4019	Spatiotemporal Dynamics of Affective and Semantic Valence Among Women. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 602192.	1.0	2
4020	Brain-Computer Interfaces for Children With Complex Communication Needs and Limited Mobility: A Systematic Review. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 643294.	1.0	19
4021	Decreased effective connectivity between insula and anterior cingulate cortex during a working memory task after prolonged sleep deprivation. <i>Behavioural Brain Research</i> , 2021, 409, 113263.	1.2	10
4022	Detrended fluctuation analysis in the presurgical evaluation of parietal lobe epilepsy patients. <i>Clinical Neurophysiology</i> , 2021, 132, 1515-1525.	0.7	11
4023	Interactive effects of the APOE and BDNF polymorphisms on functional brain connectivity: the Tasmanian Healthy Brain Project. <i>Scientific Reports</i> , 2021, 11, 14514.	1.6	5
4024	Cerebral Hemodynamic Correlates of Transcutaneous Auricular Vagal Nerve Stimulation in Consciousness Restoration: An Open-Label Pilot Study. <i>Frontiers in Neurology</i> , 2021, 12, 684791.	1.1	15
4025	Microstructural changes in normal-appearing white matter in male sleep apnea patients are reversible after treatment: A pilot study. <i>Journal of Neuroscience Research</i> , 2021, 99, 2646-2656.	1.3	13
4026	The Consistency of Prior Movements Shapes Locomotor Use-Dependent Learning. <i>ENeuro</i> , 2021, 8, ENEURO.0265-20.2021.	0.9	5
4028	Action Observation and Motor Imagery Improve <sc>Dual Task</sc> in Parkinson's Disease: A Clinical/<sc>fMRI</sc> Study. <i>Movement Disorders</i> , 2021, 36, 2569-2582.	2.2	34
4029	Mesoscale hierarchical organization of primary somatosensory cortex captured by resting-state-fMRI in humans. <i>NeuroImage</i> , 2021, 235, 118031.	2.1	14
4030	factSnPM: Factorial ANOVA and post-hoc tests for Statistical nonParametric Mapping in MATLAB. <i>Journal of Open Source Software</i> , 2021, 6, 3159.	2.0	10
4032	Neurite Imaging Reveals Widespread Alterations in Gray and White Matter Neurite Morphology in Healthy Aging and Amnesic Mild Cognitive Impairment. <i>Cerebral Cortex</i> , 2021, 31, 5570-5578.	1.6	8
4033	Functional Connectivity and Compensation of Phonemic Fluency in Aging. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 644611.	1.7	5

#	ARTICLE	IF	CITATIONS
4034	Neural decoding of gait phases during motor imagery and improvement of the decoding accuracy by concurrent action observation. <i>Journal of Neural Engineering</i> , 2021, 18, 046099.	1.8	6
4035	Multimodal Neuroimaging Predictors of Learning Performance of Sensorimotor Rhythm Up-Regulation Neurofeedback. <i>Frontiers in Neuroscience</i> , 2021, 15, 699999.	1.4	3
4036	The joint impacts of Atlantic and Pacific multidecadal variability on South American precipitation and temperature. <i>Journal of Climate</i> , 2021, , 1-55.	1.2	7
4037	Pupil dilation predicts individual self-regulation success across domains. <i>Scientific Reports</i> , 2021, 11, 14342.	1.6	12
4038	Online detection of movement during natural and self-initiated reach-and-grasp actions from EEG signals. <i>Journal of Neural Engineering</i> , 2021, 18, 046095.	1.8	7
4040	White Matter Alterations Associated with Pro-inflammatory Cytokines in Patients with Major Depressive Disorder. <i>Clinical Psychopharmacology and Neuroscience</i> , 2021, 19, 449-458.	0.9	17
4041	Cortical Processing of Arithmetic and Simple Sentences in an Auditory Attention Task. <i>Journal of Neuroscience</i> , 2021, 41, 8023-8039.	1.7	15
4042	Neuroplasticity within and between Functional Brain Networks in Mental Training Based on Long-Term Meditation. <i>Brain Sciences</i> , 2021, 11, 1086.	1.1	10
4043	White matter degeneration revealed by fiber-specific analysis relates to recovery of hand function after stroke. <i>Human Brain Mapping</i> , 2021, 42, 5423-5432.	1.9	8
4044	Respiratory, cardiac, EEG, BOLD signals and functional connectivity over multiple microsleep episodes. <i>NeuroImage</i> , 2021, 237, 118129.	2.1	13
4045	Movement-related changes in pallidocortical synchrony differentiate action execution and observation in humans. <i>Clinical Neurophysiology</i> , 2021, 132, 1990-2001.	0.7	4
4046	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
4047	Moderated t-tests for group-level fMRI analysis. <i>NeuroImage</i> , 2021, 237, 118141.	2.1	8
4048	Dissecting neuropathic from poststroke pain: the white matter within. <i>Pain</i> , 2022, 163, 765-778.	2.0	9
4049	High-Density EEG in a Charles Bonnet Syndrome Patient during and without Visual Hallucinations: A Case-Report Study. <i>Cells</i> , 2021, 10, 1991.	1.8	5
4052	Mixed-effects multilevel analysis followed by canonical correlation analysis is an effective <sc>fMRI</sc> tool for the investigation of idiosyncrasies. <i>Human Brain Mapping</i> , 2021, 42, 5374-5396.	1.9	6
4053	Changes in Brain Electrical Activity According to Post-traumatic Stress Symptoms in Survivors of the Sewol Ferry Disaster: A 1-year Longitudinal Study. <i>Clinical Psychopharmacology and Neuroscience</i> , 2021, 19, 537-544.	0.9	2
4054	Different Behavioral Types of Distributional Preferences Are Characterized by Distinct Neural Signatures. <i>Journal of Cognitive Neuroscience</i> , 2021, 33, 1-14.	1.1	0

#	ARTICLE	IF	CITATIONS
4055	Separable pupillary signatures of perception and action during perceptual multistability. <i>ELife</i> , 2021, 10, .	2.8	10
4056	Neural Basis of Somatosensory Spatial and Temporal Discrimination in Humans: The Role of Sensory Detection. <i>Cerebral Cortex</i> , 2021, , .	1.6	2
4058	Head-Down-Tilt Bed Rest With Elevated CO <sub>2</sub> : Effects of a Pilot Spaceflight Analog on Neural Function and Performance During a Cognitive-Motor Dual Task. <i>Frontiers in Physiology</i> , 2021, 12, 654906.	1.3	9
4059	Dissecting functional contributions of the social brain to strategic behavior. <i>Neuron</i> , 2021, 109, 3323-3337.e5.	3.8	20
4061	Development of functional network architecture explains changes in children's altruistically motivated helping. <i>Developmental Science</i> , 2022, 25, e13167.	1.3	0
4063	â€˜Visualâ€™ cortices of congenitally blind adults are sensitive to response selection demands in a go/no-go task. <i>NeuroImage</i> , 2021, 236, 118023.	2.1	11
4064	Magnetoencephalography Imaging Reveals Abnormal Information Flow in Temporal Lobe Epilepsy. <i>Brain Connectivity</i> , 2022, 12, 362-373.	0.8	6
4066	Extracting brain diseaseâ€™related connectome subgraphs by adaptive dense subgraph discovery. <i>Biometrics</i> , 2022, 78, 1566-1578.	0.8	7
4067	Brain functional specialization and cooperation in Parkinsonâ€™s disease. <i>Brain Imaging and Behavior</i> , 2022, 16, 565-573.	1.1	5
4068	Resting state functional connectivity patterns as biomarkers of treatment response to escitalopram in patients with major depressive disorder. <i>Psychopharmacology</i> , 2022, 239, 3447-3460.	1.5	17
4069	The effect of Peramppanel on EEG spectral power and connectivity in patients with focal epilepsy. <i>Clinical Neurophysiology</i> , 2021, 132, 2176-2183.	0.7	17
4070	Multivariate Analysis of Electrophysiological Signals Reveals the Time Course of Precision Grasp Programs: Evidence for Nonhierarchical Evolution of Grasp Control. <i>Journal of Neuroscience</i> , 2021, 41, 9210-9222.	1.7	4
4071	Neural signatures of heterogeneity in riskâ€™taking and strategic consistency. <i>European Journal of Neuroscience</i> , 2021, 54, 7214-7230.	1.2	9
4072	Mood disorders disrupt the functional dynamics, not spatial organization of brain resting state networks. <i>NeuroImage: Clinical</i> , 2021, 32, 102833.	1.4	23
4073	Thalamic Influence on Slow Wave Slope Renormalization During Sleep. <i>Annals of Neurology</i> , 2021, 90, 821-833.	2.8	10
4074	Obesity status and obesity-associated gut dysbiosis effects on hypothalamic structural covariance. <i>International Journal of Obesity</i> , 2021, , .	1.6	1
4075	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
4076	Gulf War veterans exhibit broadband sleep EEG power reductions in regions overlying the frontal lobe. <i>Life Sciences</i> , 2021, 280, 119702.	2.0	0



#	ARTICLE	IF	CITATIONS
4079	Non-parametric combination of multimodal MRI for lesion detection in focal epilepsy. <i>NeuroImage: Clinical</i> , 2021, 32, 102837.	1.4	3
4080	White Matter Changes Following Chronic Restraint Stress and Neuromodulation: A Diffusion Magnetic Resonance Imaging Study in Young Male Rats. <i>Biological Psychiatry Global Open Science</i> , 2022, 2, 153-166.	1.0	7
4081	From first to second wave: follow-up of the prospective COVID-19 cohort (KoCo19) in Munich (Germany). <i>BMC Infectious Diseases</i> , 2021, 21, 925.	1.3	20
4083	Structural Connectivity Remote From Lesions Correlates With Somatosensory Outcome Poststroke. <i>Stroke</i> , 2021, 52, 2910-2920.	1.0	9
4084	Basic locomotor muscle synergies used in land walking are finely tuned during underwater walking. <i>Scientific Reports</i> , 2021, 11, 18480.	1.6	17
4085	The latent factor structure underlying regional brain volume change and its relation to cognitive change in older adults. <i>Neuropsychology</i> , 2021, 35, 643-655.	1.0	2
4086	Stimulus evoked causality estimation in stereo-EEG. <i>Journal of Neural Engineering</i> , 2021, 18, 056041.	1.8	4
4087	Tiagabine induced modulation of oscillatory connectivity and activity match PET-derived, canonical GABA-A receptor distributions. <i>European Neuropsychopharmacology</i> , 2021, 50, 34-45.	0.3	2
4089	Functional Brain Imaging During Extra-Ocular Light Stimulation in Anophthalmic and Sighted Participants: No Evidence for Extra-Ocular Photosensitive Receptors. <i>Frontiers in Neuroscience</i> , 2021, 15, 744543.	1.4	2
4090	Hip muscle activity in male football players with hip-related pain; a comparison with asymptomatic controls during walking. <i>Physical Therapy in Sport</i> , 2021, 52, 209-216.	0.8	5
4091	White matter microstructure alterations in cortico-striatal networks are associated with parkinsonism in schizophrenia spectrum disorders. <i>European Neuropsychopharmacology</i> , 2021, 50, 64-74.	0.3	6
4092	The immediate effect of foot orthoses on gluteal and lower limb muscle activity during overground walking in healthy young adults. <i>Gait and Posture</i> , 2021, 89, 102-108.	0.6	4
4093	Nutritional Intake, White Matter Integrity, and Neurodevelopment in Extremely Preterm Born Infants. <i>Nutrients</i> , 2021, 13, 3409.	1.7	13
4094	Working memory load modulates oscillatory activity and the distribution of fast frequencies across frontal theta phase during working memory maintenance. <i>Neurobiology of Learning and Memory</i> , 2021, 183, 107476.	1.0	11
4095	The Kappa Opioid Receptor and the Sleep of Reason: Cortico-Subcortical Imbalance Following Salvinorin-A. <i>International Journal of Neuropsychopharmacology</i> , 2022, 25, 54-63.	1.0	7
4096	Reversible Fronto-occipitotemporal Signaling Complements Task Encoding and Switching under Ambiguous Cues. <i>Cerebral Cortex</i> , 2022, 32, 1911-1931.	1.6	11
4097	Left and Right Arcuate Fasciculi Are Uniquely Related to Word Reading Skills in Chinese-English Bilingual Children. <i>Neurobiology of Language (Cambridge, Mass)</i> , 2022, 3, 109-131.	1.7	4
4098	Learning nonnative speech sounds changes local encoding in the adult human cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	7

#	ARTICLE	IF	CITATIONS
4099	Simultaneous inference for functional data in sports biomechanics. <i>ASTA Advances in Statistical Analysis</i> , 2023, 107, 369-392.	0.4	2
4100	Delineating between-subject heterogeneity in alpha networks with Spatio-Spectral Eigenmodes. <i>NeuroImage</i> , 2021, 240, 118330.	2.1	8
4101	Development of brain white matter and math computation ability in children born very preterm and full-term. <i>Developmental Cognitive Neuroscience</i> , 2021, 51, 100987.	1.9	4
4102	Tracking spatial dynamics of functional connectivity during a task. <i>NeuroImage</i> , 2021, 239, 118310.	2.1	11
4103	Using distance on the Riemannian manifold to compare representations in brain and in models. <i>NeuroImage</i> , 2021, 239, 118271.	2.1	13
4104	Resting-state functional brain connectivity is related to subsequent procedural learning skills in school-aged children. <i>NeuroImage</i> , 2021, 240, 118368.	2.1	10
4105	Exploring MEG brain fingerprints: Evaluation, pitfalls, and interpretations. <i>NeuroImage</i> , 2021, 240, 118331.	2.1	41
4106	Is the posterior cingulate cortex an on-off switch for tinnitus?: A comparison between hearing loss subjects with and without tinnitus. <i>Hearing Research</i> , 2021, 411, 108356.	0.9	8
4107	Amyotrophic lateral sclerosis features predict TDP-43 pathology in frontotemporal lobar degeneration. <i>Neurobiology of Aging</i> , 2021, 107, 11-20.	1.5	1
4108	Diffusion kurtosis imaging of white matter in bipolar disorder. <i>Psychiatry Research - Neuroimaging</i> , 2021, 317, 111341.	0.9	6
4109	Delineating insight-processing-related functional activations in the precuneus in first-episode psychosis patients. <i>Psychiatry Research - Neuroimaging</i> , 2021, 317, 111347.	0.9	2
4110	Development of navigation network revealed by resting-state and task-state functional connectivity. <i>NeuroImage</i> , 2021, 243, 118515.	2.1	3
4111	Small vessel disease disrupts EEG postural brain networks in "unexplained dizziness in the elderly"™. <i>Clinical Neurophysiology</i> , 2021, 132, 2751-2762.	0.7	10
4112	Using OPMs to measure neural activity in standing, mobile participants. <i>NeuroImage</i> , 2021, 244, 118604.	2.1	48
4115	The cingulum in very preterm infants relates to language and social-emotional impairment at 2Âyears of term-equivalent age. <i>NeuroImage: Clinical</i> , 2021, 29, 102528.	1.4	7
4116	Composite <sc>UHDRS</sc> Correlates With Progression of Imaging Biomarkers in Huntington's Disease. <i>Movement Disorders</i> , 2021, 36, 1259-1264.	2.2	12
4117	Brain Structure and Function of Chronic Low Back Pain Patients on Long-Term Opioid Analgesic Treatment: A Preliminary Study. <i>Molecular Pain</i> , 2021, 17, 174480692199093.	1.0	5
4118	Tracking white-matter brain modifications in chronic non-bothersome acoustic trauma tinnitus. <i>NeuroImage: Clinical</i> , 2021, 31, 102696.	1.4	5

#	ARTICLE	IF	CITATIONS
4119	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
4120	White Matter Microstructural Differences between Hallucinating and Non-Hallucinating Schizophrenia Spectrum Patients. <i>Diagnostics</i> , 2021, 11, 139.	1.3	6
4122	Sleep and emotion processing in paediatric posttraumatic stress disorder: A pilot investigation. <i>Journal of Sleep Research</i> , 2021, 30, e13261.	1.7	7
4123	Inaccurate cortical tracking of speech in adults with impaired speech perception in noise. <i>Brain Communications</i> , 2021, 3, fcab186.	1.5	7
4124	Resection of cerebellar tumours causes widespread and functionally relevant white matter impairments. <i>Human Brain Mapping</i> , 2021, 42, 1641-1656.	1.9	7
4126	Neurodevelopmental maturation as a function of irritable temperament. <i>Human Brain Mapping</i> , 2017, 38, 5307-5321.	1.9	26
4127	Real-time strategy video game experience and structural connectivity – A diffusion tensor imaging study. <i>Human Brain Mapping</i> , 2018, 39, 3742-3758.	1.9	25
4128	Cognitive Neuroscience Approaches to Individual Differences in Working Memory and Executive Control: Conceptual and Methodological Issues. <i>Plenum Series on Human Exceptionality</i> , 2010, , 87-107.	2.0	81
4129	Causal Inference in Randomized Experiments. <i>Springer Series in Statistics</i> , 2010, , 21-63.	0.9	6
4130	Statistical Analysis of fMRI Data. <i>Neuroinformatics</i> , 2009, , 179-236.	0.2	9
4131	MRI Phenotyping of Genetically Altered Mice. <i>Methods in Molecular Biology</i> , 2011, 711, 349-361.	0.4	112
4132	Rapid Acceleration of the Permutation Test via Transpositions. <i>Lecture Notes in Computer Science</i> , 2019, 11848, 42-53.	1.0	14
4133	White Matter Pathology in Schizophrenia. , 2020, , 71-91.		3
4134	Statistical Analysis of Relative Pose of the Thalamus in Preterm Neonates. <i>Lecture Notes in Computer Science</i> , 2014, 8361, 1-9.	1.0	4
4135	A Framework for the Analysis of Diffusion Compartment Imaging (DCI). <i>Mathematics and Visualization</i> , 2015, , 271-297.	0.4	2
4136	Statistical and Machine Learning Methods for Neuroimaging: Examples, Challenges, and Extensions to Diffusion Imaging Data. <i>Mathematics and Visualization</i> , 2015, , 299-319.	0.4	3
4137	Riemannian Statistical Analysis of Cortical Geometry with Robustness to Partial Homology and Misalignment. <i>Lecture Notes in Computer Science</i> , 2016, 9900, 237-246.	1.0	3
4138	Engineering Parallel In-Place Random Generation of Integer Permutations. , 2008, , 129-141.		20

#	ARTICLE	IF	CITATIONS
4139	Mean Template for Tensor-Based Morphometry Using Deformation Tensors. Lecture Notes in Computer Science, 2007, 10, 826-833.	1.0	49
4140	Multivariate High-Dimensional Cortical Folding Analysis, Combining Complexity and Shape, in Neonates with Congenital Heart Disease. Lecture Notes in Computer Science, 2009, 21, 552-563.	1.0	18
4141	A Tract-Specific Framework for White Matter Morphometry Combining Macroscopic and Microscopic Tract Features. Lecture Notes in Computer Science, 2009, 12, 141-149.	1.0	8
4142	Spatiotemporal Morphometry of Adjacent Tissue Layers with Application to the Study of Sulcal Formation. Lecture Notes in Computer Science, 2011, 14, 476-483.	1.0	7
4143	Do We Really Need Robust and Alternative Inference Methods for Brain MRI?. Lecture Notes in Computer Science, 2012, , 77-93.	1.0	1
4144	On Describing Human White Matter Anatomy: The White Matter Query Language. Lecture Notes in Computer Science, 2013, 16, 647-654.	1.0	34
4145	Delayed Haptic Feedback to Gaze Gestures. Lecture Notes in Computer Science, 2014, , 25-31.	1.0	5
4147	Voxel-Based Morphometry and Its Application to Alzheimer's Disease Study. , 2014, , 179-199.		1
4148	Individual prediction of symptomatic converters in youth offspring of bipolar parents using proton magnetic resonance spectroscopy. European Child and Adolescent Psychiatry, 2021, 30, 55-64.	2.8	16
4149	Dispositional use of emotion regulation strategies and resting-state cortico-limbic functional connectivity. Brain Imaging and Behavior, 2018, 12, 1022-1031.	1.1	39
4150	Altered large-scale functional brain networks in neurological Wilson's disease. , 2020, 14, 1445.		1
4151	Local striatal reward signals can be predicted from corticostriatal connectivity. NeuroImage, 2017, 159, 9-17.	2.1	15
4154	Elements of Functional Neuroimaging. , 0, , 19-55.		12
4157	Food-Evoked Changes in Humans. Journal of Psychophysiology, 2010, 24, 25-32.	0.3	28
4158	Attentional Modulation of the Emotional Expression Processing Studied with ERPs and sLORETA. Journal of Psychophysiology, 2014, 28, 32-46.	0.3	5
4159	Rapid Mental Fatigue Amplifies Age-Related Attentional Deficits. Journal of Psychophysiology, 2014, 28, 215-224.	0.3	16
4160	Cues to individuation facilitate 6-month-old infants' visual short-term memory.. Developmental Psychology, 2019, 55, 905-919.	1.2	5
4161	Brain volume change and cognitive trajectories in aging.. Neuropsychology, 2018, 32, 436-449.	1.0	90

#	ARTICLE	IF	CITATIONS
4162	Ethnoracial differences in brain structure change and cognitive change.. <i>Neuropsychology</i> , 2018, 32, 529-540.	1.0	41
4164	Examining overlap in behavioral and neural representations of morals, facts, and preferences.. <i>Journal of Experimental Psychology: General</i> , 2017, 146, 1586-1605.	1.5	16
4165	Denying humanity: The distinct neural correlates of blatant dehumanization.. <i>Journal of Experimental Psychology: General</i> , 2018, 147, 1078-1093.	1.5	57
4166	Confidence drives a neural confirmation bias. <i>Nature Communications</i> , 2020, 11, 2634.	5.8	91
4167	Enhanced response inhibition and reduced midfrontal theta activity in experienced Vipassana meditators. <i>Scientific Reports</i> , 2019, 9, 13215.	1.6	17
4168	Continuous low-frequency EEG decoding of arm movement for closed-loop, natural control of a robotic arm. <i>Journal of Neural Engineering</i> , 2020, 17, 046031.	1.8	43
4169	Distance- and speed-informed kinematics decoding improves M/EEG based upper-limb movement decoder accuracy. <i>Journal of Neural Engineering</i> , 2020, 17, 056027.	1.8	16
4170	The Argo: a high channel count recording system for neural recording in vivo. <i>Journal of Neural Engineering</i> , 2021, 18, 015002.	1.8	46
4171	MEG: An Introduction to Methods. , 2010, , .		220
4172	How do the blind "see"? The role of spontaneous brain activity in self-generated perception. <i>Brain</i> , 2021, 144, 340-353.	3.7	26
4173	Vestibular agnosia in traumatic brain injury and its link to imbalance. <i>Brain</i> , 2021, 144, 128-143.	3.7	36
4174	Economic threat heightens conflict detection: sLORETA evidence. <i>Social Cognitive and Affective Neuroscience</i> , 2020, 15, 981-990.	1.5	9
4175	Source-level Cortical Power Changes for Xenon and Nitrous Oxide-induced Reductions in Consciousness in Healthy Male Volunteers. <i>Anesthesiology</i> , 2020, 132, 1017-1033.	1.3	12
4247	Brain investigation and brain conceptualization. <i>Functional Neurology</i> , 2013, 28, 175-90.	1.3	30
4248	The usefulness of sLORETA in evaluating the effect of high-dose ARA-C on brain connectivity in patients with acute myeloid leukemia: an exploratory study. <i>Functional Neurology</i> , 2017, 32, 195.	1.3	4
4249	Foot Rotation Gait Modifications Affect Hip and Ankle, But Not Knee, Stance Phase Joint Reaction Forces During Running. <i>Journal of Biomechanical Engineering</i> , 2021, 143, .	0.6	7
4250	Using Prior Information To Enhance Sensitivity of Longitudinal Brain Change Computation. , 2014, , 63-81.		3
4251	MEG study of temporal parameters and localization of brain responses during the detection of transient changes in the direction of moving stimuli. <i>Journal of Vision</i> , 2004, 4, 564-564.	0.1	1

#	ARTICLE	IF	CITATIONS
4252	Autologous mesenchymal stem cell-derived dopaminergic neurons function in parkinsonian macaques. <i>Journal of Clinical Investigation</i> , 2013, 123, 272-284.	3.9	63
4253	Classical and Bayesian Inference in fMRI. <i>Signal Processing and Communications</i> , 2005, , 541-563.	0.2	3
4254	Fundamentals of Data Analysis Methods in Functional MRI. <i>Signal Processing and Communications</i> , 2005, , 481-503.	0.2	15
4255	Use of Neuroimaging Techniques in the Assessment of Nutraceuticals for Cognitive Enhancement: Methodological and Interpretative Issues. , 2015, , 305-340.		1
4256	A Combined Morphometric and Statistical Approach to Assess Nonmonotonicity in the Developing Mammary Gland of Rats in the CLARITY-BPA Study. <i>Environmental Health Perspectives</i> , 2020, 128, 57001.	2.8	26
4257	Functional Imaging Reveals Numerous Fields in the Monkey Auditory Cortex. <i>PLoS Biology</i> , 2006, 4, e215.	2.6	194
4258	Cortico-Cortical Interactions during Acquisition and Use of a Neuroprosthetic Skill. <i>PLoS Computational Biology</i> , 2016, 12, e1004931.	1.5	6
4259	Relating dynamic brain states to dynamic machine states: Human and machine solutions to the speech recognition problem. <i>PLoS Computational Biology</i> , 2017, 13, e1005617.	1.5	7
4260	Multivariate pattern dependence. <i>PLoS Computational Biology</i> , 2017, 13, e1005799.	1.5	39
4261	Tensorpac: An open-source Python toolbox for tensor-based phase-amplitude coupling measurement in electrophysiological brain signals. <i>PLoS Computational Biology</i> , 2020, 16, e1008302.	1.5	33
4262	Deconstructing Insight: EEG Correlates of Insightful Problem Solving. <i>PLoS ONE</i> , 2008, 3, e1459.	1.1	165
4263	Hippocampal Volume Reduction in Congenital Central Hypoventilation Syndrome. <i>PLoS ONE</i> , 2009, 4, e6436.	1.1	29
4264	Adolescent Engagement in Dangerous Behaviors Is Associated with Increased White Matter Maturity of Frontal Cortex. <i>PLoS ONE</i> , 2009, 4, e6773.	1.1	75
4265	When the Sun Prickles Your Nose: An EEG Study Identifying Neural Bases of Photic Sneezing. <i>PLoS ONE</i> , 2010, 5, e9208.	1.1	14
4266	Surface-Based Analysis on Shape and Fractional Anisotropy of White Matter Tracts in Alzheimer's Disease. <i>PLoS ONE</i> , 2010, 5, e9811.	1.1	22
4267	Chimpanzee ( <i>Pan troglodytes</i> ) Precentral Corticospinal System Asymmetry and Handedness: A Diffusion Magnetic Resonance Imaging Study. <i>PLoS ONE</i> , 2010, 5, e12886.	1.1	34
4268	Sustained Reperfusion after Blockade of Glycoprotein-Receptor-Ib in Focal Cerebral Ischemia: An MRI Study at 17.6 Tesla. <i>PLoS ONE</i> , 2011, 6, e18386.	1.1	29
4269	Sex-Dependent Influences of Obesity on Cerebral White Matter Investigated by Diffusion-Tensor Imaging. <i>PLoS ONE</i> , 2011, 6, e18544.	1.1	121

#	ARTICLE	IF	CITATIONS
4270	Reorganization of Functional Networks in Mild Cognitive Impairment. PLoS ONE, 2011, 6, e19584.	1.1	121
4271	Electrophysiological Evidence for Spatiotemporal Flexibility in the Ventrolateral Attention Network. PLoS ONE, 2011, 6, e24436.	1.1	14
4272	Dynamic Changes in Brain Functional Connectivity during Concurrent Dual-Task Performance. PLoS ONE, 2011, 6, e28301.	1.1	13
4273	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
4274	Human Gamma Oscillations during Slow Wave Sleep. PLoS ONE, 2012, 7, e33477.	1.1	94
4275	White Matter Abnormalities Correlating with Memory and Depression in Heroin Users under Methadone Maintenance Treatment. PLoS ONE, 2012, 7, e33809.	1.1	39
4276	Modulation of Human Muscle Spindle Discharge by Arterial Pulsations - Functional Effects and Consequences. PLoS ONE, 2012, 7, e35091.	1.1	23
4277	An Iterative Jackknife Approach for Assessing Reliability and Power of fMRI Group Analyses. PLoS ONE, 2012, 7, e35578.	1.1	16
4278	White Matter Differences between Healthy Young ApoE4 Carriers and Non-Carriers Identified with Tractography and Support Vector Machines. PLoS ONE, 2012, 7, e36024.	1.1	19
4279	The Influence of Spatial Registration on Detection of Cerebral Asymmetries Using Voxel-Based Statistics of Fractional Anisotropy Images and TBSS. PLoS ONE, 2012, 7, e36851.	1.1	36
4280	Sexual Dimorphism in Healthy Aging and Mild Cognitive Impairment: A DTI Study. PLoS ONE, 2012, 7, e37021.	1.1	26
4281	Gender Differences in White Matter Microstructure. PLoS ONE, 2012, 7, e38272.	1.1	167
4282	Neural Basis of Moral Elevation Demonstrated through Inter-Subject Synchronization of Cortical Activity during Free-Viewing. PLoS ONE, 2012, 7, e39384.	1.1	54
4283	Developmental Changes of BOLD Signal Correlations with Global Human EEG Power and Synchronization during Working Memory. PLoS ONE, 2012, 7, e39447.	1.1	29
4284	Disentangling Depression and Distress Networks in the Tinnitus Brain. PLoS ONE, 2012, 7, e40544.	1.1	73
4285	Gamma Activation in Young People with Autism Spectrum Disorders and Typically-Developing Controls When Viewing Emotions on Faces. PLoS ONE, 2012, 7, e41326.	1.1	53
4286	Relevance of Brain Lesion Location to Cognition in Relapsing Multiple Sclerosis. PLoS ONE, 2012, 7, e44826.	1.1	78
4287	Neurobiological Correlates of EMDR Monitoring – An EEG Study. PLoS ONE, 2012, 7, e45753.	1.1	92

#	ARTICLE	IF	CITATIONS
4288	A Brain Network Processing the Age of Faces. PLoS ONE, 2012, 7, e49451.	1.1	13
4289	The Problem of Thresholding in Small-World Network Analysis. PLoS ONE, 2013, 8, e53199.	1.1	101
4290	Brain Areas Controlling Heart Rate Variability in Tinnitus and Tinnitus-Related Distress. PLoS ONE, 2013, 8, e59728.	1.1	52
4291	A Beamformer Analysis of MEG Data Reveals Frontal Generators of the Musically Elicited Mismatch Negativity. PLoS ONE, 2013, 8, e61296.	1.1	34
4292	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
4293	Pathophysiological Concepts in Mild Traumatic Brain Injury: Diffusion Tensor Imaging Related to Acute Perfusion CT Imaging. PLoS ONE, 2013, 8, e64461.	1.1	28
4294	A Multivariate Surface-Based Analysis of the Putamen in Premature Newborns: Regional Differences within the Ventral Striatum. PLoS ONE, 2013, 8, e66736.	1.1	33
4295	Cognitive and Clinical Dysfunction, Altered MEG Resting-State Networks and Thalamic Atrophy in Multiple Sclerosis. PLoS ONE, 2013, 8, e69318.	1.1	68
4296	Cluster-Based Statistics for Brain Connectivity in Correlation with Behavioral Measures. PLoS ONE, 2013, 8, e72332.	1.1	43
4297	White Matter Deficits in Psychopathic Offenders and Correlation with Factor Structure. PLoS ONE, 2013, 8, e72375.	1.1	46
4298	Word Frequency and the Attentional Blink: The Effects of Target Difficulty on Retrieval and Consolidation Processes. PLoS ONE, 2013, 8, e73415.	1.1	3
4299	Brain White Matter Shape Changes in Amyotrophic Lateral Sclerosis (ALS): A Fractal Dimension Study. PLoS ONE, 2013, 8, e73614.	1.1	41
4300	Structural Interactions within the Default Mode Network Identified by Bayesian Network Analysis in Alzheimer's Disease. PLoS ONE, 2013, 8, e74070.	1.1	16
4301	Boosting BOLD fMRI by K-Space Density Weighted Echo Planar Imaging. PLoS ONE, 2013, 8, e74501.	1.1	3
4302	EEG-Response Consistency across Subjects in an Active Oddball Task. PLoS ONE, 2013, 8, e74572.	1.1	8
4303	Structural Abnormalities in Early Tourette Syndrome Children: A Combined Voxel-Based Morphometry and Tract-Based Spatial Statistics Study. PLoS ONE, 2013, 8, e76105.	1.1	50
4304	Alcohol Induces Sensitization to Gluten in Genetically Susceptible Individuals: A Case Control Study. PLoS ONE, 2013, 8, e77638.	1.1	12
4305	Electrophysiological Indices of Response Inhibition in a Go/NoGo Task Predict Self-Control in a Social Context. PLoS ONE, 2013, 8, e79462.	1.1	27



#	ARTICLE	IF	CITATIONS
4306	Hypnotizability, Hypnosis and Prepulse Inhibition of the Startle Reflex in Healthy Women: An ERP Analysis. PLoS ONE, 2013, 8, e79605.	1.1	15
4307	Gravity Influences Top-Down Signals in Visual Processing. PLoS ONE, 2014, 9, e82371.	1.1	60
4308	Aberrant Development of Functional Connectivity among Resting State-Related Functional Networks in Medication-Naïve ADHD Children. PLoS ONE, 2013, 8, e83516.	1.1	57
4309	Neural Responses in Parietal and Occipital Areas in Response to Visual Events Are Modulated by Prior Multisensory Stimuli. PLoS ONE, 2013, 8, e84331.	1.1	9
4310	Structural Integrity of the Contralateral Hemisphere Predicts Cognitive Impairment in Ischemic Stroke at Three Months. PLoS ONE, 2014, 9, e86119.	1.1	50
4311	The Default Mode Network and EEG Regional Spectral Power: A Simultaneous fMRI-EEG Study. PLoS ONE, 2014, 9, e88214.	1.1	121
4312	Neuronal Correlates of Maladaptive Coping: An EEG-Study in Tinnitus Patients. PLoS ONE, 2014, 9, e88253.	1.1	35
4313	Analytic Programming with fMRI Data: A Quick-Start Guide for Statisticians Using R. PLoS ONE, 2014, 9, e89470.	1.1	7
4314	Altered Cortical Swallowing Processing in Patients with Functional Dysphagia: A Preliminary Study. PLoS ONE, 2014, 9, e89665.	1.1	21
4315	Differential White Matter Connectivity in Early Mild Cognitive Impairment According to CSF Biomarkers. PLoS ONE, 2014, 9, e91400.	1.1	12
4316	A Neonatal Piglet Model for Investigating Brain and Cognitive Development in Small for Gestational Age Human Infants. PLoS ONE, 2014, 9, e91951.	1.1	75
4317	Preserved Coupling between the Reader's Voice and the Listener's Cortical Activity in Autism Spectrum Disorders. PLoS ONE, 2014, 9, e92329.	1.1	11
4318	The Reporting of Observational Clinical Functional Magnetic Resonance Imaging Studies: A Systematic Review. PLoS ONE, 2014, 9, e94412.	1.1	25
4319	Beta, but Not Gamma, Band Oscillations Index Visual Form-Motion Integration. PLoS ONE, 2014, 9, e95541.	1.1	17
4320	Brain without Anatomy: Construction and Comparison of Fully Network-Driven Structural MRI Connectomes. PLoS ONE, 2014, 9, e96196.	1.1	23
4321	White Matter Tract Damage in the Behavioral Variant of Frontotemporal and Corticobasal Dementia Syndromes. PLoS ONE, 2014, 9, e102656.	1.1	26
4322	Autism and Sensory Processing Disorders: Shared White Matter Disruption in Sensory Pathways but Divergent Connectivity in Social-Emotional Pathways. PLoS ONE, 2014, 9, e103038.	1.1	99
4323	GABA Concentration in Posterior Cingulate Cortex Predicts Putamen Response during Resting State fMRI. PLoS ONE, 2014, 9, e106609.	1.1	24

#	ARTICLE	IF	CITATIONS
4324	A Toolbox for Spatiotemporal Analysis of Voltage-Sensitive Dye Imaging Data in Brain Slices. PLoS ONE, 2014, 9, e108686.	1.1	14
4325	Cortical Response Variation with Different Sound Pressure Levels: A Combined Event-Related Potentials and fMRI Study. PLoS ONE, 2014, 9, e109216.	1.1	15
4326	Unilateral Tinnitus: Changes in Connectivity and Response Lateralization Measured with fMRI. PLoS ONE, 2014, 9, e110704.	1.1	59
4327	Obesity Associated Cerebral Gray and White Matter Alterations Are Interrelated in the Female Brain. PLoS ONE, 2014, 9, e114206.	1.1	9
4328	Tinnitus: A Large VBM-EEG Correlational Study. PLoS ONE, 2015, 10, e0115122.	1.1	35
4329	Evaluation of Resting State Networks in Patients with Gliomas: Connectivity Changes in the Unaffected Side and Its Relation to Cognitive Function. PLoS ONE, 2015, 10, e0118072.	1.1	73
4330	Altered Hemodynamic Activity in Conduct Disorder: A Resting-State fMRI Investigation. PLoS ONE, 2015, 10, e0122750.	1.1	25
4331	Widespread Changes in White Matter Microstructure after a Day of Waking and Sleep Deprivation. PLoS ONE, 2015, 10, e0127351.	1.1	71
4332	Pain Catastrophising Affects Cortical Responses to Viewing Pain in Others. PLoS ONE, 2015, 10, e0133504.	1.1	8
4333	Extensive White Matter Alterations and Its Correlations with Ataxia Severity in SCA 2 Patients. PLoS ONE, 2015, 10, e0135449.	1.1	24
4334	Rejection in Bargaining Situations: An Event-Related Potential Study in Adolescents and Adults. PLoS ONE, 2015, 10, e0139953.	1.1	7
4335	An Event Related Potentials Study of the Effects of Age, Load and Maintenance Duration on Working Memory Recognition. PLoS ONE, 2015, 10, e0143117.	1.1	12
4336	Feasibility of Using Pseudo-Continuous Arterial Spin Labeling Perfusion in a Geriatric Population at 1.5 Tesla. PLoS ONE, 2015, 10, e0144743.	1.1	11
4337	Differences in Looking at Own- and Other-Race Faces Are Subtle and Analysis-Dependent: An Account of Discrepant Reports. PLoS ONE, 2016, 11, e0148253.	1.1	24
4338	Short Meditation Trainings Enhance Non-REM Sleep Low-Frequency Oscillations. PLoS ONE, 2016, 11, e0148961.	1.1	28
4339	Multi Texture Analysis of Colorectal Cancer Continuum Using Multispectral Imagery. PLoS ONE, 2016, 11, e0149893.	1.1	40
4340	The Neural Correlates of Chronic Symptoms of Vertigo Proneness in Humans. PLoS ONE, 2016, 11, e0152309.	1.1	12
4341	Lateralized Resting-State Functional Brain Network Organization Changes in Heart Failure. PLoS ONE, 2016, 11, e0155894.	1.1	12

#	ARTICLE	IF	CITATIONS
4342	Task-Related Edge Density (TED) – A New Method for Revealing Dynamic Network Formation in fMRI Data of the Human Brain. PLoS ONE, 2016, 11, e0158185.	1.1	10
4343	Hypnotizability and Placebo Analgesia in Waking and Hypnosis as Modulators of Auditory Startle Responses in Healthy Women: An ERP Study. PLoS ONE, 2016, 11, e0159135.	1.1	18
4344	Striatum-Centered Fiber Connectivity Is Associated with the Personality Trait of Cooperativeness. PLoS ONE, 2016, 11, e0162160.	1.1	2
4345	Resting state electrical brain activity and connectivity in fibromyalgia. PLoS ONE, 2017, 12, e0178516.	1.1	48
4346	Short-term EEG dynamics and neural generators evoked by navigational images. PLoS ONE, 2017, 12, e0178817.	1.1	13
4347	Upper limb movements can be decoded from the time-domain of low-frequency EEG. PLoS ONE, 2017, 12, e0182578.	1.1	161
4348	Comparison of background EEG activity of different groups of patients with idiopathic epilepsy using Shannon spectral entropy and cluster-based permutation statistical testing. PLoS ONE, 2017, 12, e0184044.	1.1	27
4349	Severe hyposmia and aberrant functional connectivity in cognitively normal Parkinson's disease. PLoS ONE, 2018, 13, e0190072.	1.1	39
4350	Restoration of auditory network after cochlear implant in prelingual deafness: a P300 study using LORETA. Acta Otorhinolaryngologica Italica, 2020, 40, 64-71.	0.7	12
4351	A one-way ANOVA test for functional data with graphical interpretation. Kybernetika, 0, , 432-458.	0.0	4
4352	Neural signature of behavioural inhibition in women with bulimia nervosa. Journal of Psychiatry and Neuroscience, 2016, 41, E69-E78.	1.4	50
4353	Hemispheric lateralization abnormalities of the white matter microstructure in patients with schizophrenia and bipolar disorder. Journal of Psychiatry and Neuroscience, 2017, 42, 242-251.	1.4	31
4354	Neurocognitive, emotional and neuroendocrine correlates of exposure to sexual assault in women. Journal of Psychiatry and Neuroscience, 2018, 43, 318-326.	1.4	14
4355	Spatial and temporal resolution considerations in evaluating and utilizing radar quantitative precipitation estimates. Journal of Operational Meteorology, 2013, 1, 168-184.	0.9	2
4356	Electroencephalographic Signatures of the Neural Representation of Speech during Selective Attention. ENeuro, 2019, 6, ENEURO.0057-19.2019.	0.9	29
4357	Large-Scale Network Coupling with the Fusiform Cortex Facilitates Future Social Motivation. ENeuro, 2017, 4, ENEURO.0084-17.2017.	0.9	18
4358	Neurodynamic Evidence Supports a Forced-Excursion Model of Decision-Making under Speed/Accuracy Instructions. ENeuro, 2018, 5, ENEURO.0159-18.2018.	0.9	7
4359	Evidence against the Detectability of a Hippocampal Place Code Using Functional Magnetic Resonance Imaging. ENeuro, 2018, 5, ENEURO.0177-18.2018.	0.9	9

#	ARTICLE	IF	CITATIONS
4360	Scale-Free Neural and Physiological Dynamics in Naturalistic Stimuli Processing. <i>ENeuro</i> , 2016, 3, ENEURO.0191-16.2016.	0.9	14
4361	First-Person Virtual Embodiment Modulates the Cortical Network that Encodes the Bodily Self and Its Surrounding Space during the Experience of Domestic Violence. <i>ENeuro</i> , 2020, 7, ENEURO.0263-19.2019.	0.9	26
4362	Signature Patterns for Top-Down and Bottom-Up Information Processing via Cross-Frequency Coupling in Macaque Auditory Cortex. <i>ENeuro</i> , 2019, 6, ENEURO.0467-18.2019.	0.9	21
4363	The Neurophysiological Basis of the Trial-Wise and Cumulative Ventriloquism Aftereffects. <i>Journal of Neuroscience</i> , 2021, 41, 1068-1079.	1.7	25
4364	Different judgments about visual textures invoke different eye movement patterns. <i>Journal of Eye Movement Research</i> , 2010, 3, .	0.5	5
4365	Genome-wide analysis of the human malaria parasite <i>Plasmodium falciparum</i> transcription factor PfNF-YB shows interaction with a CCAAT motif. <i>Oncotarget</i> , 2017, 8, 113987-114001.	0.8	8
4366	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
4367	Prevalence and Risk Factors of Infection in the Representative COVID-19 Cohort Munich. <i>SSRN Electronic Journal</i> , 0, , .	0.4	6
4368	The Cortical Topography of Local Sleep. <i>Current Topics in Medicinal Chemistry</i> , 2011, 11, 2438-2446.	1.0	45
4369	Effects of Uric Acid on the Alterations of White Matter Connectivity in Patients with Major Depression. <i>Psychiatry Investigation</i> , 2018, 15, 593-601.	0.7	5
4370	Decrease of mutual information in brain electrical activity of patients with relapsing-remitting multiple sclerosis. <i>Behavioural Neurology</i> , 2013, 27, 201-12.	1.1	12
4371	Evolving Brain Functional Abnormalities in PSEN1 Mutation Carriers: A Resting and Visual Encoding fMRI Study. <i>Journal of Alzheimer's Disease</i> , 2013, 36, 165-175.	1.2	19
4372	EEG Functional Connectivity and Cognitive Variables in Premanifest and Manifest Huntington's Disease: EEG Low-Resolution Brain Electromagnetic Tomography (LORETA) Study. <i>Frontiers in Physiology</i> , 2020, 11, 612325.	1.3	13
4373	Voxel-based analyses of magnetization transfer imaging of the brain in hepatic encephalopathy. <i>World Journal of Gastroenterology</i> , 2009, 15, 5157.	1.4	18
4374	Functional MRI in Patients with the C9ORF72 Expansion associate Frontotemporal Dementia. <i>Molecular Biology (Los Angeles, Calif)</i> , 2014, 03, .	0.0	3
4375	The Effect of Aripiprazole versus Risperidone on Prefrontal Brain Metabolite Levels and Brain Volume in Psychotic Disorders: An Exploratory Study. <i>Neuropsychiatry</i> , 2018, 08, .	0.4	4
4376	Stimulating brain tissue with bright light alters functional connectivity in brain at the resting state. <i>World Journal of Neuroscience</i> , 2012, 02, 81-90.	0.1	23
4377	Covariate-adjusted nonparametric analysis of magnetic resonance images using Markov chain Monte Carlo. <i>Statistics and Its Interface</i> , 2010, 3, 113-123.	0.2	2

#	ARTICLE	IF	CITATIONS
4379	The effects of auditory numerosity and magnitude on visual numerosity representation: An ERP study. <i>Journal of Numerical Cognition</i> , 2020, 6, 164-185.	0.6	2
4380	Efficient Blockwise Permutation Tests Preserving Exchangeability. <i>International Journal of Statistics in Medical Research</i> , 2014, 3, 134-144.	0.5	3
4381	Electrophysiological correlates of social information processing for detecting agents in social interaction scenes: P200 and N250 components. <i>Neuropsychological Trends (discontinued)</i> , 2016, , 45-69.	0.4	2
4382	Neural pattern change during encoding of a narrative predicts retrospective duration estimates. <i>ELife</i> , 2016, 5, .	2.8	77
4383	Autocorrelation structure at rest predicts value correlates of single neurons during reward-guided choice. <i>ELife</i> , 2016, 5, .	2.8	88
4384	Functional dissociation of stimulus intensity encoding and predictive coding of pain in the insula. <i>ELife</i> , 2017, 6, .	2.8	137
4385	Localization of spontaneous bursting neuronal activity in the preterm human brain with simultaneous EEG-fMRI. <i>ELife</i> , 2017, 6, .	2.8	68
4386	Oscillatory hyperactivity and hyperconnectivity in young APOE-É4 carriers and hypoconnectivity in Alzheimer's disease. <i>ELife</i> , 2019, 8, .	2.8	78
4387	Statistical context dictates the relationship between feedback-related EEG signals and learning. <i>ELife</i> , 2019, 8, .	2.8	53
4388	Shared neural underpinnings of multisensory integration and trial-by-trial perceptual recalibration in humans. <i>ELife</i> , 2019, 8, .	2.8	47
4389	Pre-stimulus phase and amplitude regulation of phase-locked responses are maximized in the critical state. <i>ELife</i> , 2020, 9, .	2.8	16
4390	A circuit mechanism for decision-making biases and NMDA receptor hypofunction. <i>ELife</i> , 2020, 9, .	2.8	14
4391	Power1D: a Python toolbox for numerical power estimates in experiments involving one-dimensional continua. <i>PeerJ Computer Science</i> , 0, 3, e125.	2.7	15
4392	End-to-End Argument Mining as Biaffine Dependency Parsing. , 2021, , .		5
4394	Visual and auditory brain areas share a representational structure that supports emotion perception. <i>Current Biology</i> , 2021, 31, 5192-5203.e4.	1.8	6
4395	Right-hemisphere coherence to speech at pre-reading stages predicts reading performance one year later. <i>Journal of Cognitive Psychology</i> , 2022, 34, 179-193.	0.4	6
4396	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
4397	From Text to Thought: How Analyzing Language Can Advance Psychological Science. <i>Perspectives on Psychological Science</i> , 2022, 17, 805-826.	5.2	40

#	ARTICLE	IF	CITATIONS
4398	When makes you unique: Temporality of the human brain fingerprint. <i>Science Advances</i> , 2021, 7, eabj0751.	4.7	54
4399	New methods for multiple testing in permutation inference for the general linear model. <i>Statistics in Medicine</i> , 2022, 41, 276-297.	0.8	2
4400	Nigrostriatal dopamine signals sequence-specific action-outcome prediction errors. <i>Current Biology</i> , 2021, 31, 5350-5363.e5.	1.8	20
4401	Impact of Long-Rope Jumping on Monoamine and Attention in Young Adults. <i>Brain Sciences</i> , 2021, 11, 1347.	1.1	3
4402	The ascending arousal system shapes neural dynamics to mediate awareness of cognitive states. <i>Nature Communications</i> , 2021, 12, 6016.	5.8	68
4405	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
4406	Instantaneous radiated power of brain activity: application to prepulse inhibition and facilitation for body dysmorphic disorder. <i>BioMedical Engineering OnLine</i> , 2021, 20, 108.	1.3	2
4407	Attention and prediction modulations in expected and unexpected visuospatial trajectories. <i>PLoS ONE</i> , 2021, 16, e0242753.	1.1	10
4410	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
4411	Temporal fine structure influences voicing confusions for consonant identification in multi-talker babble. <i>Journal of the Acoustical Society of America</i> , 2021, 150, 2664-2676.	0.5	7
4413	Comparison of Quantitative Electroencephalography between Tic Disorder and Attention-Deficit/Hyperactivity Disorder in Children. <i>Clinical Psychopharmacology and Neuroscience</i> , 2021, 19, 739-750.	0.9	3
4414	Visual adaptation and 7T fMRI reveal facial identity processing in the human brain under shallow interocular suppression. <i>NeuroImage</i> , 2021, 244, 118622.	2.1	1
4415	Neural basis of distractor resistance during visual working memory maintenance. <i>NeuroImage</i> , 2021, 245, 118650.	2.1	4
4416	Cortical autonomic network connectivity predicts symptoms in myalgic encephalomyelitis/chronic fatigue syndrome (ME/CFS). <i>International Journal of Psychophysiology</i> , 2021, 170, 89-101.	0.5	14
4417	An Intensity Consistent Approach to the Cross Sectional Analysis of Deformation Tensor Derived Maps of Brain Shape. <i>Lecture Notes in Computer Science</i> , 2002, , 492-499.	1.0	1
4419	Regional Structural Characterization of the Brain of Schizophrenia Patients. <i>Lecture Notes in Computer Science</i> , 2004, , 688-695.	1.0	1
4420	Bias in Resampling-Based Thresholding of Statistical Maps in fMRI. <i>Lecture Notes in Computer Science</i> , 2004, , 711-718.	1.0	0
4421	A Tensor-Based Morphometry Study of Genetic Influences on Brain Structure Using a New Fluid Registration Method. <i>Lecture Notes in Computer Science</i> , 2008, 11, 914-921.	1.0	21

#	ARTICLE	IF	CITATIONS
4422	Timing the Metaphoric Brain. , 2008, , 205-223.		1
4423	Electrophysiological Functional Imaging of Auditory Processing in Humans. , 2008, , 111-124.		0
4424	Iterative Co-linearity Filtering and Parameterization of Fiber Tracts in the Entire Cingulum. Lecture Notes in Computer Science, 2009, 12, 853-860.	1.0	3
4425	Structure-Specific Statistical Mapping of White Matter Tracts. Mathematics and Visualization, 2009, , 83-112.	0.4	4
4426	Gender Differences in Cerebral Cortical Folding: Multivariate Complexity-Shape Analysis with Insights into Handling Brain-Volume Differences. Lecture Notes in Computer Science, 2009, 12, 200-207.	1.0	5
4427	Adjusting the Neuroimaging Statistical Inferences for Nonstationarity. Lecture Notes in Computer Science, 2009, 12, 992-999.	1.0	5
4428	Experimental Design and Data Analysis Strategies. , 2009, , 221-257.		1
4429	Measures for Characterizing Directionality Specific Volume Changes in TBM of Brain Growth. Lecture Notes in Computer Science, 2010, 13, 339-346.	1.0	5
4430	Optimally-Discriminative Voxel-Based Analysis. Lecture Notes in Computer Science, 2010, 13, 257-265.	1.0	2
4431	A Comparison of the Cingulum Tract in ALS-B Patients and Controls Using Kernel Matching. Lecture Notes in Computer Science, 2010, 13, 249-256.	1.0	1
4432	Exploring the Asymmetrical Cortical Activity in Motor Areas Using Support Vector Machines. , 2011, , 311-314.		1
4433	Mouse Phenotyping with MRI. Methods in Molecular Biology, 2011, 771, 595-631.	0.4	2
4434	Dynamic Spatial Discrimination Maps of Discriminative Activation between Different Tasks Based on Support Vector Machines. Applied Mathematics, 2011, 02, 85-92.	0.1	0
4435	Experimental Design and Data Analysis for fMRI. , 2011, , 321-330.		0
4436	Statistical Analysis for Recovery of Structure and Function from Brain Images. , 0, , .		2
4437	An MCMC-Based Analysis of a Multilevel Model for Functional MRI Data. Chapman & Hall/CRC Interdisciplinary Statistics Series, 2011, , 363-382.	0.4	2
4438	DISCRIMINATIVE FRAMEWORK OF NEURAL ACTIVATION ANALYSIS WITH fMRI. , 2011, , 483-500.		0
4439	The Neural Mechanism of Cognitive Control as a Function of Individual Differences in Fluid Intelligence. Korean Journal of Cognitive and Biological Psychology, 2011, 23, 431-463.	0.0	0

#	ARTICLE	IF	CITATIONS
4440	Functional and Structural MRI: Theoretical Background and Practical Aspects. , 2012, , 269-317.		0
4441	Early Cortical Processing of Mandarin Intonation. Acta Psychologica Sinica, 2012, 43, 241-248.	0.4	1
4442	Extension of Quantifiable Modification of sLORETA for Induced Oscillatory Changes in Magnetoencephalography. Open Neuroimaging Journal, 2012, 6, 37-43.	0.2	0
4443	Embracing Composite Metrics in Software Experiments. Journal of Software, 2012, 7, .	0.6	0
4444	On the Detectability of Node Grouping in Networks. , 2013, , .		0
4446	Physiological Noise Modeling and Analysis for Spinal Cord fMRI. , 2014, , 240-257.		2
4447	Statistical Analysis of Relative Pose of the Thalamus in Preterm Neonates. Lecture Notes in Computer Science, 2014, , 1-9.	1.0	1
4448	Non-Conventional MRI Techniques as an Alternative Role to the Clinical Diagnosis in Alzheimer's Disease. Health, 2014, 06, 2712-2723.	0.1	0
4449	Experimental Design and Data Analysis for fMRI. , 2015, , 37-50.		0
4453	Intersubject information mapping: revealing canonical representations of complex natural stimuli. ScienceOpen Research, 2015, .	0.6	1
4455	Combining Deep Learning Networks with Permutation Tests to Predict Traumatic Brain Injury Outcome. Lecture Notes in Computer Science, 2016, , 259-270.	1.0	1
4456	Genetics: Facts and Perspectives . . . . . and Andrea Ginestroni. , 2016, , 127-154.		0
4461	Probabilistic biomechanical finite element simulations: whole-model classical hypothesis testing based on upcrossing geometry. PeerJ Computer Science, 0, 2, e96.	2.7	3
4464	Altered brain structural networks in attention deficit/hyperactivity disorder children revealed by cortical thickness. Oncotarget, 2017, 8, 44785-44799.	0.8	6
4466	Supra-Threshold Fiber Cluster Statistics for Data-Driven Whole Brain Tractography Analysis. Lecture Notes in Computer Science, 2017, , 556-565.	1.0	0
4467	Resection Probability Maps of Glioma. , 2017, , 665-683.		0
4488	Neural Correlates of Emotional Ambiguity in Patients with Schizophrenia – Relationship with Expressive Deficits. Neuropsychiatry, 2018, 08, .	0.4	0
4489	Effect of Computerized Neuropsychologic Test in Subacute Post-Stroke Patient With Cognitive Impairment. Kosin Medical Journal, 2018, 33, 51.	0.1	0



#	ARTICLE	IF	CITATIONS
4518	Activation of the motivation-related ventral striatum during delusional experience. <i>Translational Psychiatry</i> , 2018, 8, 283.	2.4	2
4524	Preprocessing, Prediction and Significance: Framework and Application to Brain Imaging. <i>Lecture Notes in Computer Science</i> , 2019, , 196-204.	1.0	1
4525	Transparency in Keyword Faceted Search: An Investigation on Google Shopping. <i>Communications in Computer and Information Science</i> , 2019, , 29-43.	0.4	2
4583	Using Artificial Neural Networks on Multi-channel EEG Data to Detect the Effect of Binaural Stimuli in Resting State. <i>Series in Bioengineering</i> , 2020, , 99-136.	0.3	2
4591	Multiple comparison correction methods for whole-body magnetic resonance imaging. <i>Journal of Medical Imaging</i> , 2020, 7, 1.	0.8	4
4595	Flanker Task-Elicited Event-Related Potential Sources Reflect Human Recombinant Erythropoietin Differential Effects on Parkinson's Patients. <i>Parkinson's Disease</i> , 2020, 2020, 1-10.	0.6	1
4598	Mapping visual spatial prototypes: Multiple reference frames shape visual memory. <i>Cognition</i> , 2020, 198, 104199.	1.1	3
4606	Effects of Methamphetamine on Within- and Between-Network Connectivity in Healthy Adults. <i>Cerebral Cortex Communications</i> , 2021, 2, tgab063.	0.7	2
4607	Patients with knee osteoarthritis can be divided into subgroups based on tibiofemoral joint kinematics of gait – an exploratory and dynamic radiostereometric study. <i>Osteoarthritis and Cartilage</i> , 2022, 30, 249-259.	0.6	10
4610	Musicians' Hearing Handicap Index: A New Questionnaire to Assess the Impact of Hearing Impairment in Musicians and Other Music Professionals. <i>Journal of Speech, Language, and Hearing Research</i> , 2020, 63, 4219-4237.	0.7	2
4613	What dialog is absent from constructed dialog?. <i>English Text Construction</i> , 2020, 13, 132-157.	0.2	1
4614	Investigation of brain functional integration and segregation in individuals based on the quality of performing mathematical calculations. , 2020, , .		0
4616	Comparing VBM and ROI analyses for detection of gray matter abnormalities in patients with bipolar disorder using MRI. <i>Middle East Current Psychiatry</i> , 2020, 27, .	0.5	9
4619	Effects of Head Motion on the Evaluation of Age-related Brain Network Changes Using Resting State Functional MRI. <i>Magnetic Resonance in Medical Sciences</i> , 2021, 20, 338-346.	1.1	5
4621	Causal Inference in Randomized Experiments. <i>Springer Series in Statistics</i> , 2020, , 23-72.	0.9	0
4624	The Evaluation of Creative Ideas in Older and Younger Adults. <i>Journal of Psychophysiology</i> , 2020, 34, 19-34.	0.3	1
4625	Intersubject Spatial Pattern Correlations During Movie Viewing Are Stimulus-Driven and Nonuniform Across the Cortex. <i>Cerebral Cortex Communications</i> , 2020, 1, tgaa076.	0.7	1
4627	Shared Physiological Correlates of Multisensory and Expectation-Based Facilitation. <i>ENeuro</i> , 2020, 7, ENEURO.0435-19.2019.	0.9	5

#	ARTICLE	IF	CITATIONS
4634	Bladder surface dose modeling in prostate cancer radiotherapy: An analysis of motion-induced variations and the cumulative dose across the treatment. <i>Medical Physics</i> , 2021, 48, 8024-8036.	1.6	2
4635	Traumatic brain injury augurs ill for prolonged deficits in the brain's structural and functional integrity following controlled cortical impact injury. <i>Scientific Reports</i> , 2021, 11, 21559.	1.6	12
4637	A comparison of GABA-ergic (propofol) and non-GABA-ergic (dexmedetomidine) sedation on visual and motor cortical oscillations, using magnetoencephalography. <i>NeuroImage</i> , 2021, 245, 118659.	2.1	3
4640	Effects of age and left hemisphere lesions on audiovisual integration of speech. <i>Brain and Language</i> , 2020, 206, 104812.	0.8	0
4645	Datenanalyse: Vorverarbeitung, Statistik und Auswertung. , 2007, , 133-148.		2
4646	Methodik der funktionellen Magnetresonanztomographie. , 2008, , 19-35.		2
4647	The Solution to the Problem of Classifying High-Dimension fMRI Data Based on the Spark Platform. <i>Studies in Computational Intelligence</i> , 2021, , 58-64.	0.7	1
4655	Accelerating medical research using the swift workflow system. <i>Studies in Health Technology and Informatics</i> , 2007, 126, 207-16.	0.2	12
4659	Statistical Modelling of Brain Morphological Measures Within Family Pedigrees. <i>Statistica Sinica</i> , 2008, 18, 1569-1591.	0.2	4
4660	Framework for the Statistical Shape Analysis of Brain Structures using SPHARM-PDM. <i>The Insight Journal</i> , 2006, , 242-250.	0.2	154
4665	Efficient Moments-based Permutation Tests. <i>Advances in Neural Information Processing Systems</i> , 2009, 22, 2277-2285.	2.8	3
4670	Surface fluid registration and multivariate tensor-based morphometry in newborns - the effects of prematurity on the putamen. , 2012, 2012, .		3
4671	Quantity determination and the distance effect with letters, numbers, and shapes: a functional MR imaging study of number processing. <i>American Journal of Neuroradiology</i> , 2003, 24, 193-200.	1.2	47
4672	Anatomical and fMRI-network comparison of multiple DLPFC targeting strategies for repetitive transcranial magnetic stimulation treatment of depression. <i>Brain Stimulation</i> , 2022, 15, 63-72.	0.7	26
4673	White matter correlates of sensorimotor synchronization in persistent developmental stuttering. <i>Journal of Communication Disorders</i> , 2022, 95, 106169.	0.8	4
4674	Diffusion propagator metrics are biased when simultaneous multi-slice acceleration is used. <i>Magnetic Resonance Imaging</i> , 2022, 86, 46-54.	1.0	3
4675	Thalamic dopamine D2-receptor availability in schizophrenia: a study on antipsychotic-naive patients with first-episode psychosis and a meta-analysis. <i>Molecular Psychiatry</i> , 2022, 27, 1233-1240.	4.1	13
4676	Facial expressions elicit multiplexed perceptions of emotion categories and dimensions. <i>Current Biology</i> , 2022, 32, 200-209.e6.	1.8	13

#	ARTICLE	IF	CITATIONS
4677	Dissociative-Traumatic Dimension and Triple Network: An EEG Functional Connectivity Study in a Sample of University Students. <i>Psychopathology</i> , 2022, 55, 28-36.	1.1	4
4678	Multisensory stimuli shift perceptual priors to facilitate rapid behavior. <i>Scientific Reports</i> , 2021, 11, 23052.	1.6	1
4679	Investigating default mode network connectivity disruption in children of mothers with depression. <i>British Journal of Psychiatry</i> , 2022, 220, 130-139.	1.7	4
4680	The neural determinants of beauty. <i>European Journal of Neuroscience</i> , 2022, 55, 91-106.	1.2	10
4681	Finding positive meaning in memories of negative events adaptively updates memory. <i>Nature Communications</i> , 2021, 12, 6601.	5.8	18
4682	Intertemporal preference reversals are associated with early activation of insula and sustained preferential processing of immediate rewards in visual cortex. <i>Scientific Reports</i> , 2021, 11, 22277.	1.6	2
4683	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
4684	Structural brain abnormalities in children and young adults with severe chronic kidney disease. <i>Pediatric Nephrology</i> , 2022, 37, 1125-1136.	0.9	5
4685	Multifocal Transcranial Direct Current Stimulation Modulates Resting-State Functional Connectivity in Older Adults Depending on the Induced Current Density. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 725013.	1.7	9
4687	Functional brain mapping in patients with chronic back pain shows age-related differences. <i>Pain</i> , 2022, 163, e917-e926.	2.0	7
4688	Political Orientation as Psychological Defense or Basic Disposition? A Social Neuroscience Examination. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2021, 22, 586.	1.0	1
4690	Unique, Shared, and Dominant Brain Activation in Visual Word Form Area and Lateral Occipital Complex during Reading and Picture Naming. <i>Neuroscience</i> , 2022, 481, 178-196.	1.1	3
4692	Speech Categorization Reveals the Role of Early-Stage Temporal-Coherence Processing in Auditory Scene Analysis. <i>Journal of Neuroscience</i> , 2022, 42, 240-254.	1.7	9
4693	Predicting multilingual effects on executive function and individual connectomes in children: An ABCD study. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, e2110811118.	3.3	7
4696	Effect of Cognitive Control on Age-Related Positivity Effects in Attentional Processing – Evidence From an Event-Related Brain Potential Study. <i>Frontiers in Psychology</i> , 2021, 12, 755635.	1.1	1
4697	Low-beta repetitive transcranial magnetic stimulation to human dorsolateral prefrontal cortex during object recognition memory sample presentation, at a task-related frequency observed in local field potentials in homologous macaque cortex, impairs subsequent recollection but not familiarity. <i>European Journal of Neuroscience</i> , 2021, 54, 7918-7945.	1.2	3
4699	Cognitive and Neural Mechanisms of Social Communication Dysfunction in Primary Progressive Aphasia. <i>Brain Sciences</i> , 2021, 11, 1600.	1.1	6
4700	Framework for the Statistical Shape Analysis of Brain Structures using SPHARM-PDM. <i>The Insight Journal</i> , 2006, , .	0.2	107

#	ARTICLE	IF	CITATIONS
4701	Local Shape Analysis using MANCOVA. The Insight Journal, 2009, , .	0.2	8
4702	Global connectivity fingerprints predict the domain generality of multiple-demand regions. Cerebral Cortex, 2022, 32, 4464-4479.	1.6	4
4703	Angle specific analysis of hamstrings and quadriceps isokinetic torque identify residual deficits in soccer players following ACL reconstruction: a longitudinal investigation. Journal of Sports Sciences, 2022, 40, 871-877.	1.0	7
4704	Multimodal MRI cerebral correlates of verbal fluency switching and its impairment in women with depression. NeuroImage: Clinical, 2022, 33, 102910.	1.4	0
4705	Investigating the impact of early literacy training on white matter structure in prereaders at risk for dyslexia. Cerebral Cortex, 2022, 32, 4684-4697.	1.6	5
4706	Laser evoked potentials in fibromyalgia with peripheral small fiber involvement. Clinical Neurophysiology, 2022, 135, 96-106.	0.7	6
4707	SENGR: Sentiment-Enhanced Neural Graph Recommender. Information Sciences, 2022, 589, 655-669.	4.0	6
4708	General additive models address statistical issues in diffusion MRI: An example with clinically anxious adolescents. NeuroImage: Clinical, 2022, 33, 102937.	1.4	6
4709	The neural coding of face and body orientation in occipitotemporal cortex. NeuroImage, 2022, 246, 118783.	2.1	12
4710	A tutorial on generalized eigendecomposition for denoising, contrast enhancement, and dimension reduction in multichannel electrophysiology. NeuroImage, 2022, 247, 118809.	2.1	36
4711	Brain signals of a Surprise-Actor-Critic model: Evidence for multiple learning modules in human decision making. NeuroImage, 2022, 246, 118780.	2.1	4
4712	Neurofilaments light: Possible biomarker of brain modifications in bipolar disorder. Journal of Affective Disorders, 2022, 300, 243-248.	2.0	8
4713	Try to see it my way “ Examining the relationship between visual perspective taking and theory of mind in frontotemporal dementia. Brain and Cognition, 2022, 157, 105835.	0.8	2
4714	Frontal Corticostriatal Functional Connectivity Reveals Task Positive and Negative Network Dysregulation in Relation to Adhd, Sex, and Inhibitory Control. SSRN Electronic Journal, 0, , .	0.4	0
4716	Trade-Off between Task Accuracy, Task Completion Time and Naturalness for Direct Object Manipulation in Virtual Reality. Multimodal Technologies and Interaction, 2022, 6, 6.	1.7	9
4717	Inferring the Individual Psychopathologic Deficits With Structural Connectivity in a Longitudinal Cohort of Schizophrenia. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 2536-2546.	3.9	3
4718	Naturalistic Audio-Movies reveal common spatial organization across “œvisual” cortices of different blind individuals. Cerebral Cortex, 2022, 33, 1-10.	1.6	3
4719	Acute Effects of Heel-to-Toe Drop and Speed on Running Biomechanics and Strike Pattern in Male Recreational Runners: Application of Statistical Nonparametric Mapping in Lower Limb Biomechanics. Frontiers in Bioengineering and Biotechnology, 2021, 9, 821530.	2.0	13

#	ARTICLE	IF	CITATIONS
4720	Neural dynamics and coupling underlying uncertain anticipatory conflicts in anxious individuals. <i>Cerebral Cortex</i> , 2022, 32, 4284-4292.	1.6	3
4721	Cerebellar integrity and contributions to cognition in C9orf72-mediated frontotemporal dementia. <i>Cortex</i> , 2022, 149, 73-84.	1.1	2
4723	Oscillatory dynamics underlying noun and verb production in highly proficient bilinguals. <i>Scientific Reports</i> , 2022, 12, 764.	1.6	9
4724	Multivariate Analysis of Evoked Responses during the Rubber Hand Illusion Suggests a Temporal Parcellation into Manipulation and Illusion-Specific Correlates. <i>ENeuro</i> , 2022, 9, ENEURO.0355-21.2021.	0.9	3
4725	The effect of task on object processing revealed by EEG decoding. <i>European Journal of Neuroscience</i> , 2022, 55, 1174-1199.	1.2	5
4726	Modular-Level Functional Connectome Alterations in Individuals With Hallucinations Across the Psychosis Continuum. <i>Schizophrenia Bulletin</i> , 2022, 48, 684-694.	2.3	5
4727	EEG signatures change during unilateral Yogi nasal breathing. <i>Scientific Reports</i> , 2022, 12, 520.	1.6	5
4728	Dynamic networks of P300-related process. <i>Cognitive Neurodynamics</i> , 0, , 1.	2.3	3
4729	Fixel based analysis of white matter alterations in early stage cerebral small vessel disease. <i>Scientific Reports</i> , 2022, 12, 1581.	1.6	15
4730	Atypical resting-state functional brain connectivity in children with developmental coordination disorder. <i>NeuroImage: Clinical</i> , 2022, 33, 102928.	1.4	3
4731	The correspondence between morphometric MRI and metabolic profile in Rasmussen's encephalitis. <i>NeuroImage: Clinical</i> , 2022, 33, 102918.	1.4	8
4732	Permutation testing for dependence in time series. <i>Journal of Time Series Analysis</i> , 2022, 43, 781-807.	0.7	1
4734	Long term study of motivational and cognitive effects of low-intensity focused ultrasound neuromodulation in the dorsal striatum of nonhuman primates. <i>Brain Stimulation</i> , 2022, 15, 360-372.	0.7	26
4736	Functional integration of mirror neuron system and sensorimotor cortex under virtual self-actions visual perception. <i>Behavioural Brain Research</i> , 2022, 423, 113784.	1.2	5
4737	Biomarkers Derived from Alterations in Overlapping Community Structure of Resting-state Brain Functional Networks for Detecting Alzheimer's Disease. <i>Neuroscience</i> , 2022, 484, 38-52.	1.1	6
4738	Quantification of changes in white matter tract fibers in idiopathic normal pressure hydrocephalus based on diffusion spectrum imaging. <i>European Journal of Radiology</i> , 2022, 149, 110194.	1.2	0
4739	"Less is more": A dose-response account of intranasal oxytocin pharmacodynamics in the human brain. <i>Progress in Neurobiology</i> , 2022, 211, 102239.	2.8	18
4740	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

#	ARTICLE	IF	CITATIONS
4741	Measuring Task-Related Brain Activity With Event-Related Potentials in Dynamic Task Scenario With Immersive Virtual Reality Environment. <i>Frontiers in Behavioral Neuroscience</i> , 2022, 16, 779926.	1.0	3
4742	Deep <scp>Learning&#x2013;Based</scp> Neuromelanin <scp>MRI</scp> Changes of Isolated <scp>REM</scp> Sleep Behavior Disorder. <i>Movement Disorders</i> , 2022, 37, 1064-1069.	2.2	13
4743	Neural correlates of impaired response inhibition in the antisaccade task in Parkinson&#x2019;s disease. <i>Behavioural Brain Research</i> , 2022, 422, 113763.	1.2	3
4744	Spatial Bayesian GLM on the cortical surface produces reliable task activations in individuals and groups. <i>NeuroImage</i> , 2022, 249, 118908.	2.1	9
4745	The Effect of D-Cycloserine on Brain Processing of Breathlessness Over Pulmonary Rehabilitation - an Experimental Medicine Study. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
4746	Narrow doorways alter brain connectivity and step patterns in isolated REM sleep behaviour disorder. <i>NeuroImage: Clinical</i> , 2022, 33, 102958.	1.4	3
4748	Examining the presence and nature of delusions in Alzheimer&#x2019;s disease and frontotemporal dementia syndromes. <i>International Journal of Geriatric Psychiatry</i> , 2022, 37, .	1.3	4
4750	Comparative analysis of background EEG activity in juvenile myoclonic epilepsy during valproic acid treatment: a standardized, low-resolution, brain electromagnetic tomography (sLORETA) study. <i>BMC Neurology</i> , 2022, 22, 48.	0.8	3
4751	DualGCN: An Aspect-Aware Dual Graph Convolutional Network for review-based recommender. <i>Knowledge-Based Systems</i> , 2022, 242, 108359.	4.0	7
4752	Scalp recorded theta activity is modulated by reward, direction, and speed during virtual navigation in freely moving humans. <i>Scientific Reports</i> , 2022, 12, 2041.	1.6	10
4753	Decreased Resting State Inter- and Intra-Network Functional Connectivity Is Associated with Perceived Stress in a Sample of University Students: An eLORETA Study. <i>Neuropsychobiology</i> , 2022, 81, 286-295.	0.9	3
4754	No Changes in Functional Connectivity After Dimethyl Fumarate Treatment in Multiple Sclerosis. <i>Neurology and Therapy</i> , 2022, 11, 471-479.	1.4	2
4755	Sleep Power Topography in Children with Attention Deficit Hyperactivity Disorder (ADHD). <i>Children</i> , 2022, 9, 197.	0.6	6
4756	A dynamic relation between whole-brain white matter microstructural integrity and anxiety symptoms in preadolescent females with pathological anxiety. <i>Translational Psychiatry</i> , 2022, 12, 57.	2.4	7
4758	Auditory closed&#x2013;loop stimulation on sleep slow oscillations using in&#x2013;ear EEG sensors. <i>Journal of Sleep Research</i> , 2022, 31, e13555.	1.7	4
4759	Unimanual sensorimotor learning&#x2013;A simultaneous <scp>EEG&#x2013;fMRI</scp> aging study. <i>Human Brain Mapping</i> , 2022, 43, 2348-2364.	1.9	2
4760	Resolution of diaschisis contributes to early recovery from post-stroke aphasia. <i>NeuroImage</i> , 2022, 251, 119001.	2.1	12
4761	Protocol for activity flow mapping of neurocognitive computations using the Brain Activity Flow Toolbox. <i>STAR Protocols</i> , 2022, 3, 101094.	0.5	1

#	ARTICLE	IF	CITATIONS
4762	Linear Modeling of Neurophysiological Responses to Speech and Other Continuous Stimuli: Methodological Considerations for Applied Research. <i>Frontiers in Neuroscience</i> , 2021, 15, 705621.	1.4	54
4764	Electroencephalography-based cortical sources of working memory in the subjects with opioid addiction: A pilot study. <i>Indian Journal of Medical Research</i> , 2021, 154, 583.	0.4	1
4765	Functional patterns of neural activation during vocal emotion recognition in youth with and without refractory epilepsy. <i>NeuroImage: Clinical</i> , 2022, 34, 102966.	1.4	2
4766	Patterns of white and gray structural abnormality associated with paediatric demyelinating disorders. <i>NeuroImage: Clinical</i> , 2022, 34, 103001.	1.4	0
4769	Analysis of Intracerebral Activity during Reflex Locomotion Stimulation According to Vojta's Principle. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2225.	1.3	6
4770	From words to phrases: neural basis of social event semantic composition. <i>Brain Structure and Function</i> , 2022, 227, 1683-1695.	1.2	7
4773	Electronic Cigarette Vaping Did Not Enhance the Neural Process of Working Memory for Regular Cigarette Smokers. <i>Frontiers in Human Neuroscience</i> , 2022, 16, 817538.	1.0	0
4774	Functional brain connectomes reflect acute and chronic cannabis use. <i>Scientific Reports</i> , 2022, 12, 2449.	1.6	9
4775	Conditioned up and down modulations of short latency gamma band oscillations in visual cortex during fear learning in humans. <i>Scientific Reports</i> , 2022, 12, 2652.	1.6	2
4776	One-Year Follow-Up of Healthy Older Adults with Electroencephalographic Risk for Neurocognitive Disorder After Neurofeedback Training. <i>Journal of Alzheimer's Disease</i> , 2022, 85, 1767-1781.	1.2	8
4777	Microstructural changes of white matter fiber tracts induced by insular glioma revealed by tract-based spatial statistics and automatic fiber quantification. <i>Scientific Reports</i> , 2022, 12, 2685.	1.6	4
4778	Head and Gaze Orientation in Hemispheric Image Viewing. <i>Frontiers in Virtual Reality</i> , 2022, 3, .	2.5	0
4779	Tract profiles of the cerebellar peduncles in children who stutter. <i>Brain Structure and Function</i> , 2022, 227, 1773-1787.	1.2	5
4780	A neural population selective for song in human auditory cortex. <i>Current Biology</i> , 2022, 32, 1470-1484.e12.	1.8	45
4781	Functional Coupling of the Locus Coeruleus Is Linked to Successful Cognitive Control. <i>Brain Sciences</i> , 2022, 12, 305.	1.1	6
4782	Lucid dreaming occurs in activated rapid eye movement sleep, not a mixture of sleep and wakefulness. <i>Sleep</i> , 2022, 45, .	0.6	18
4784	Interbrain synchrony: on wavy ground. <i>Trends in Neurosciences</i> , 2022, 45, 346-357.	4.2	36
4786	Task modulates the orthographic and phonological representations in the bilateral ventral Occipitotemporal cortex. <i>Brain Imaging and Behavior</i> , 2022, 16, 1695-1707.	1.1	7

#	ARTICLE	IF	CITATIONS
4787	Normalized Power Variance: A new Field Orthogonal to Power in EEG Analysis. <i>Clinical EEG and Neuroscience</i> , 2023, 54, 611-619.	0.9	2
4789	Ridge Penalization in High-Dimensional Testing With Applications to Imaging Genetics. <i>Frontiers in Neuroscience</i> , 2022, 16, 836100.	1.4	0
4791	<scp>GABA<sub>B</sub>R</scp> activation partially normalizes acute <scp>NMDAR</scp> hypofunction oscillatory abnormalities but fails to rescue sensory processing deficits. <i>Journal of Neurochemistry</i> , 2022, 161, 417-434.	2.1	6
4792	Need for cognitive closure is associated with different intra-network functional connectivity patterns: A resting state EEG study. <i>Social Neuroscience</i> , 2022, 17, 143-153.	0.7	0
4793	Simultaneously assessing amplitude and temporal effects in biomechanical trajectories using nonlinear registration and statistical nonparametric mapping. <i>Journal of Biomechanics</i> , 2022, 136, 111049.	0.9	6
4794	Are the forearm muscles excited equally in different, professional piano players?. <i>PLoS ONE</i> , 2022, 17, e0265575.	1.1	1
4795	A brain-based general measure of attention. <i>Nature Human Behaviour</i> , 2022, 6, 782-795.	6.2	12
4796	Measuring brain response to transcutaneous vagus nerve stimulation (tVNS) using simultaneous magnetoencephalography (MEG). <i>Journal of Neural Engineering</i> , 2022, 19, 026038.	1.8	7
4797	Investigating acute changes in osteoarthritic cartilage by integrating biomechanics and statistical shape models of bone: data from the osteoarthritis initiative. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2022, 35, 861-873.	1.1	6
4798	Cortical oscillatory dysfunction in Parkinson disease during movement activation and inhibition. <i>PLoS ONE</i> , 2022, 17, e0257711.	1.1	2
4799	Internetwork Connectivity Predicts Cognitive Decline in Parkinsonâ€™s and Is Altered by Genetic Variants. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 853029.	1.7	4
4800	Characteristics of White Matter Integrity During Different Phases of Abstinence in Heroin Use Disorders. <i>Journal of Addiction Medicine</i> , 2022, Publish Ahead of Print, .	1.4	1
4802	Spatiotemporally resolved multivariate pattern analysis for M/EEG. <i>Human Brain Mapping</i> , 2022, 43, 3062-3085.	1.9	6
4803	Neural decoding of emotional prosody in voice-sensitive auditory cortex predicts social communication abilities in children. <i>Cerebral Cortex</i> , 2023, 33, 709-728.	1.6	2
4804	Neural Correlates of Non-ordinary States of Consciousness in Pranayama Practitioners: The Role of Slow Nasal Breathing. <i>Frontiers in Systems Neuroscience</i> , 2022, 16, 803904.	1.2	10
4805	Linear vector models of time perception account for saccade and stimulus novelty interactions. <i>Heliyon</i> , 2022, 8, e09036.	1.4	2
4806	An integrated clusterwise significance measure for fMRI analysis. <i>Human Brain Mapping</i> , 2022, 43, 2444-2459.	1.9	2
4807	Altered Brain Criticality in Schizophrenia: New Insights From Magnetoencephalography. <i>Frontiers in Neural Circuits</i> , 2022, 16, 630621.	1.4	10



#	ARTICLE	IF	CITATIONS
4808	Spatiotemporal changes in along-tract profilometry of cerebellar peduncles in cerebellar mutism syndrome. <i>NeuroImage: Clinical</i> , 2022, 35, 103000.	1.4	3
4809	CLEAN: Leveraging spatial autocorrelation in neuroimaging data in clusterwise inference. <i>NeuroImage</i> , 2022, 255, 119192.	2.1	7
4810	Frontal corticostriatal functional connectivity reveals task positive and negative network dysregulation in relation to ADHD, sex, and inhibitory control. <i>Developmental Cognitive Neuroscience</i> , 2022, 54, 101101.	1.9	12
4811	Monitoring joint mechanics in anterior cruciate ligament reconstruction using depth sensor-driven musculoskeletal modeling and statistical parametric mapping. <i>Medical Engineering and Physics</i> , 2022, 103, 103796.	0.8	2
4812	Mapping brain structure and function in professional fencers: A model to study training effects on central nervous system plasticity. <i>Human Brain Mapping</i> , 2022, 43, 3375-3385.	1.9	3
4814	The Contribution of Noradrenergic Activity to Anxiety-Induced Freezing of Gait. <i>Movement Disorders</i> , 2022, 37, 1432-1443.	2.2	10
4815	Cortical asymmetries at different spatial hierarchies relate to phonological processing ability. <i>PLoS Biology</i> , 2022, 20, e3001591.	2.6	7
4817	Distinctive neural correlates of phonological and reading impairment in fetal alcohol-exposed adolescents with and without facial dysmorphology. <i>Neuropsychologia</i> , 2022, 169, 108188.	0.7	4
4818	Distinct networks coupled with parietal cortex for spatial representations inside and outside the visual field. <i>NeuroImage</i> , 2022, 252, 119041.	2.1	5
4819	Local slow-wave activity over the right prefrontal cortex reveals individual risk preferences. <i>NeuroImage</i> , 2022, 253, 119086.	2.1	4
4820	The role of reading experience in atypical cortical tracking of speech and speech-in-noise in dyslexia. <i>NeuroImage</i> , 2022, 253, 119061.	2.1	9
4821	Nodal degree changes induced by electroconvulsive therapy in major depressive disorder: Evidence in two independent cohorts. <i>Journal of Affective Disorders</i> , 2022, 307, 46-52.	2.0	2
4822	Electrophysiological evidence of impaired cognitive reappraisal in amnesic mild cognitive impairment: An event-related potential study. <i>Behavioural Brain Research</i> , 2022, 427, 113800.	1.2	1
4823	Brain functional connectivity in patients with hyperthyroidism after anti-thyroid treatment. <i>Journal of Neuroendocrinology</i> , 2022, 34, e13075.	1.2	4
4824	Three-Dimensional Upper Body Kinematics and Inter-articular Kinematic Sequence During a Canoe Polo Throw. <i>Frontiers in Sports and Active Living</i> , 2021, 3, 777410.	0.9	0
4825	Sports Augmented Cognitive Benefits: An fMRI Study of Executive Function with Go/NoGo Task. <i>Neural Plasticity</i> , 2021, 2021, 1-6.	1.0	5
4826	Proactive Modulation in the Spatiotemporal Structure of Muscle Synergies Minimizes Reactive Responses in Perturbed Landings. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 761766.	2.0	3
4827	40-Hz Blue Light Changes Hippocampal Activation and Functional Connectivity Underlying Recognition Memory. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 739333.	1.0	6

#	ARTICLE	IF	CITATIONS
4828	Simultaneous modeling of reaction times and brain dynamics in a spatial cueing task. <i>Human Brain Mapping</i> , 2022, 43, 1850-1867.	1.9	1
4829	Nonlinear reconfiguration of network edges, topology and information content during an artificial learning task. <i>Brain Informatics</i> , 2021, 8, 26.	1.8	4
4830	The Function of the Autonomic Nervous System in Asian Patients With Chronic Migraine. <i>Frontiers in Neuroscience</i> , 2022, 16, 773321.	1.4	4
4831	Altered myelination in youth born with congenital heart disease. <i>Human Brain Mapping</i> , 2022, 43, 3545-3558.	1.9	4
4832	Neural mechanisms underlying the influence of retrieval ability on creating and recalling creative ideas. <i>Neuropsychologia</i> , 2022, 171, 108239.	0.7	3
4833	Hyperglycemia and hyperinsulinemia effects on anterior cingulate cortex myo-inositol relation to brain network functional connectivity in healthy adults. <i>Journal of Neurophysiology</i> , 2022, 127, 1426-1437.	0.9	3
4834	Continuous 2D trajectory decoding from attempted movement: across-session performance in able-bodied and feasibility in a spinal cord injured participant. <i>Journal of Neural Engineering</i> , 2022, 19, 036005.	1.8	7
4836	Alpha blocking and $1/f^2$ spectral scaling in resting EEG can be accounted for by a sum of damped alpha band oscillatory processes. <i>PLoS Computational Biology</i> , 2022, 18, e1010012.	1.5	7
4930	Neuroimaging: Overview of Methods and Applications. , 0, , 371-394.		0
4931	Topological changes of brain network during mindfulness meditation: an exploratory source level magnetoencephalographic study. <i>AIMS Neuroscience</i> , 2022, 9, 250-263.	1.0	5
4932	PMAR: Multi-aspect Recommendation Based on Psychological Gap. <i>Lecture Notes in Computer Science</i> , 2022, , 118-133.	1.0	1
4933	Structural brain connectivity in children after neonatal stroke: A whole-brain fixel-based analysis. <i>NeuroImage: Clinical</i> , 2022, 34, 103035.	1.4	4
4934	Event-Related Potentials Analysis of the Effects of Discontinuous Short-Term Fine Motor Imagery on Motor Execution. <i>Motor Control</i> , 2022, , 1-20.	0.3	0
4936	Structural and Functional Correlates of Higher Cortical Brain Regions in Chronic Refractory Cough. <i>Chest</i> , 2022, 162, 851-860.	0.4	9
4937	Statistical Nonparametric fMRI Maps in the Analysis of Response Inhibition in Abstinent Individuals with History of Alcohol Use Disorder. <i>Behavioral Sciences (Basel, Switzerland)</i> , 2022, 12, 121.	1.0	1
4938	Comparisons make faces more attractive: An ERP study. <i>Brain and Behavior</i> , 2022, 12, e2561.	1.0	4
4940	Neural representation of phonological information during Chinese character reading. <i>Human Brain Mapping</i> , 2022, 43, 4013-4029.	1.9	5
4941	Controlling The Fréchet Variance Improves Batch Normalization on the Symmetric Positive Definite Manifold. , 2022, , .		0

#	ARTICLE	IF	CITATIONS
4942	Disorganization of language and working memory systems in frontal versus temporal lobe epilepsy. <i>Brain</i> , 2023, 146, 935-953.	3.7	22
4943	Pallidal Structural Changes Related to Levodopa-induced Dyskinesia in Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, .	1.7	0
4945	Novel Invisible Spectral Flicker Induces 40â€ŠHz Neural Entrainment with Similar Spatial Distribution as 40â€ŠHz Stroboscopic Light. <i>Journal of Alzheimer's Disease</i> , 2022, 88, 335-344.	1.2	8
4946	Brief and Telehealth Acceptance and Commitment Therapy (ACT) Interventions for Stress in Inflammatory Bowel Disease (IBD): A Series of Single Case Experimental Design (SCED) Studies. <i>Journal of Clinical Medicine</i> , 2022, 11, 2757.	1.0	8
4947	Meditation-induced effects on whole-brain structural and effective connectivity. <i>Brain Structure and Function</i> , 2022, 227, 2087-2102.	1.2	3
4948	Diurnal variations of resting-state fMRI data: A graph-based analysis. <i>NeuroImage</i> , 2022, 256, 119246.	2.1	16
4949	White matter properties underlying reading abilities differ in 8-year-old children born full term and preterm: A multi-modal approach. <i>NeuroImage</i> , 2022, 256, 119240.	2.1	5
4950	Fractal Dimension Feature as a Signature of Severity in Disorders of Consciousness: An EEG Study. <i>International Journal of Neural Systems</i> , 2022, 32, .	3.2	13
4951	Processing of an Audiobook in the Human Brain Is Shaped by Cultural Family Background. <i>Brain Sciences</i> , 2022, 12, 649.	1.1	4
4952	Markers of emotion regulation processes: A neuroimaging and behavioral study of reappraising abilities. <i>Biological Psychology</i> , 2022, 171, 108349.	1.1	5
4953	Predicting clinical scores in Huntingtonâ€™s disease: a lightweight speech test. <i>Journal of Neurology</i> , 2022, 269, 5008-5021.	1.8	4
4954	Preferential Encoding of Behaviorally Relevant Predictions Revealed by EEG. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
4955	The effect of mindfulness training on resting-state networks in pre-adolescent children with sub-clinical anxiety related attention impairments. <i>Brain Imaging and Behavior</i> , 2022, 16, 1902-1913.	1.1	2
4956	Diffusion Tensor Imaging Reveals Elevated Diffusivity of White Matter Microstructure that Is Independently Associated with Long-Term Outcome after Mild Traumatic Brain Injury: A TRACK-TBI Study. <i>Journal of Neurotrauma</i> , 2022, 39, 1318-1328.	1.7	23
4957	Increased interictal synchronicity of respiratory related brain pulsations in epilepsy. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 1840-1853.	2.4	5
4958	White matter microstructural and morphometric alterations in autism: implications for intellectual capabilities. <i>Molecular Autism</i> , 2022, 13, 21.	2.6	5
4959	Resting state EEG power spectrum and functional connectivity in autism: a cross-sectional analysis. <i>Molecular Autism</i> , 2022, 13, 22.	2.6	20
4960	Brain Functional Connectivity Mapping of Behavioral Flexibility in Rhesus Monkeys. <i>Journal of Neuroscience</i> , 2022, 42, 4867-4878.	1.7	2

#	ARTICLE	IF	CITATIONS
4961	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
4962	Neurofeedback training: Decreases in Mu rhythm lead to improved motor performance in complex visuomotor skills. <i>Current Psychology</i> , 2023, 42, 20860-20871.	1.7	5
4964	Microstructural alterations predict impaired bimanual control in Parkinson's disease. <i>Brain Communications</i> , 0, , .	1.5	3
4965	Data-Driven EEG Theta and Alpha Components Are Associated with Subjective Experience during Resting State. <i>Journal of Personalized Medicine</i> , 2022, 12, 896.	1.1	2
4966	Neuropsychological Performance Is Correlated With Tau Protein Deposition and Glucose Metabolism in Patients With Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	5
4968	Effective connectivity inference in the whole-brain network by using rDCM method for investigating the distinction between emotional states in fMRI data. <i>Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization</i> , 2023, 11, 453-466.	1.3	0
4969	Riemannian Geometry of Functional Connectivity Matrices for Multi-Site Attention-Deficit/Hyperactivity Disorder Data Harmonization. <i>Frontiers in Neuroinformatics</i> , 2022, 16, .	1.3	3
4970	Social-affective features drive human representations of observed actions. <i>ELife</i> , 0, 11, .	2.8	23
4971	Group-level inference of information-based measures for the analyses of cognitive brain networks from neurophysiological data. <i>NeuroImage</i> , 2022, 258, 119347.	2.1	10
4973	Comparative analysis of background EEG activity based on MRI findings in neonatal hypoxic-ischemic encephalopathy: a standardized, low-resolution, brain electromagnetic tomography (sLORETA) study. <i>BMC Neurology</i> , 2022, 22, .	0.8	4
4974	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
4975	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
4976	Naturalistic stimuli reveal a sensitive period in cross modal responses of visual cortex: Evidence from adult-onset blindness. <i>Neuropsychologia</i> , 2022, 172, 108277.	0.7	3
4978	Statistical Considerations in Voxel-Based Lesion-Behavior Mapping. <i>Neuroinformatics</i> , 2022, , 119-133.	0.2	1
4979	EEG Activation Does Not Differ in Simple and Complex Episodes of Disorders of Arousal: A Spectral Analysis Study. <i>Nature and Science of Sleep</i> , 0, Volume 14, 1097-1111.	1.4	6
4980	Intra-cycle analysis of muscle vibration during cycling. <i>Sports Biomechanics</i> , 2023, 22, 554-566.	0.8	1
4981	Anodal transcranial direct current stimulation sustainably increases <sc>EEG</sc> alpha activity in patients with schizophrenia. <i>Neuropsychopharmacology Reports</i> , 2022, 42, 323-332.	1.1	3
4982	Effect of the Innovative Running Shoes With the Special Midsole Structure on the Female Runners's Lower Limb Biomechanics. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	5

#	ARTICLE	IF	CITATIONS
4983	Effects of White-Matter Tract Length in Sport-Related Concussion: A Tractography Study from the NCAA-DoD CARE Consortium. <i>Journal of Neurotrauma</i> , 2022, 39, 1495-1506.	1.7	2
4984	Structural White Matter Characteristics for Working Memory and Switching/Inhibition in Children with Reading Difficulties: The Role of the Left Superior Longitudinal Fasciculus. <i>Network Neuroscience</i> , 0, , 1-38.	1.4	0
4986	Impaired Oxygenation of the Prefrontal Cortex During Verbal Fluency Task in Young Adults With Major Depressive Disorder and Suicidality: A Functional Near-Infrared Spectroscopy Study. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	0
4987	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
4988	Does neuromuscular fatigue generated by trail running modify foot-ground impact and soft tissue vibrations?. <i>European Journal of Sport Science</i> , 2023, 23, 1155-1163.	1.4	2
4989	Lateralization of early orthographic processing during natural reading is impaired in developmental dyslexia. <i>NeuroImage</i> , 2022, 258, 119383.	2.1	9
4990	PyMVPD: A Toolbox for Multivariate Pattern Dependence. <i>Frontiers in Neuroinformatics</i> , 0, 16, .	1.3	4
4991	A link between frontal white matter integrity and dizziness in cerebral small vessel disease. <i>NeuroImage: Clinical</i> , 2022, 35, 103098.	1.4	8
4992	High-definition transcranial infraslow pink noise stimulation for chronic low back pain: protocol for a pilot, safety and feasibility randomised placebo-controlled trial. <i>BMJ Open</i> , 2022, 12, e056842.	0.8	1
4994	Source Localization of Audiovisual Multisensory Neural Generators in Young Adults with Attention-Deficit/Hyperactivity Disorder. <i>Brain Sciences</i> , 2022, 12, 809.	1.1	2
4995	Quantitative electroencephalography changes in patients with mild cognitive impairment after choline alfoscerate administration. <i>Journal of Clinical Neuroscience</i> , 2022, 102, 42-48.	0.8	3
4996	Abnormal Functional Connectivity of Thalamic Subdivisions in Alzheimer's Disease: A Functional Magnetic Resonance Imaging Study. <i>Neuroscience</i> , 2022, 496, 73-82.	1.1	6
4997	EEG decoding of multidimensional information from emotional faces. <i>NeuroImage</i> , 2022, 258, 119374.	2.1	10
4998	Effects of Cognitive Distraction on Upper Limb Movement Decoding From EEG Signals. <i>IEEE Transactions on Biomedical Engineering</i> , 2023, 70, 166-174.	2.5	1
4999	Forward and Inverse Problems of MEG/EEG. , 2022, , 1464-1471.		0
5000	Changes in brain activity with tominersen in early-manifest Huntington's disease. <i>Brain Communications</i> , 2022, 4, .	1.5	7
5005	The kinectome: A comprehensive kinematic map of human motion in health and disease. <i>Annals of the New York Academy of Sciences</i> , 2022, 1516, 247-261.	1.8	6
5006	Altered $\text{MRI}$ Diffusion Properties of the White Matter Tracts Connecting Frontal and Thalamic Brain Regions in First-Episode, Drug-Naïve Patients With Postpartum Depression. <i>Journal of Magnetic Resonance Imaging</i> , 2023, 57, 899-906.	1.9	7

#	ARTICLE	IF	CITATIONS
5007	Medial congruent polyethylene design show different tibiofemoral kinematics and enhanced congruency compared to a standard symmetrical cruciate retaining design for total knee arthroplastyâ€”an in vivo randomized controlled study of gait using dynamic radiostereometry. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2023, 31, 933-945.	2.3	2
5008	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
5009	Frontopolar cortex shapes brain network structure across prefrontal and posterior cingulate cortex. <i>Progress in Neurobiology</i> , 2022, , 102314.	2.8	2
5011	Central correlates of placebo effects in nausea differ between men and women. <i>Brain and Behavior</i> , 2022, 12, .	1.0	6
5012	Structural connections between the noradrenergic and cholinergic system shape the dynamics of functional brain networks. <i>NeuroImage</i> , 2022, 260, 119455.	2.1	12
5013	High-density EEG power topography and connectivity during confusional arousal. <i>Cortex</i> , 2022, 155, 62-74.	1.1	7
5014	Performances of whole-brain dynamic and static functional connectivity fingerprinting in machine learning-based classification of major depressive disorder. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	3
5015	Behavioral and neural markers of visual configural processing in social scene perception. <i>NeuroImage</i> , 2022, 260, 119506.	2.1	12
5016	A MEG compatible, interactive IR game paradigm for the study of visuomotor reach-to-target movements in young children and clinical populations: The Target-Touch Motor Task. <i>Journal of Neuroscience Methods</i> , 2022, 380, 109675.	1.3	0
5018	White matter integrity in delinquent emerging adults and non-delinquent controls, and its relationship with aggression, psychopathic traits, and cannabis use. <i>Frontiers in Behavioral Neuroscience</i> , 0, 16, .	1.0	1
5019	White matter abnormalities characterize the acute stage of sports-related mild traumatic brain injury. <i>Brain Communications</i> , 2022, 4, .	1.5	1
5020	Clinical and neurophysiological effects of central thalamic deep brain stimulation in the minimally conscious state after severe brain injury. <i>Scientific Reports</i> , 2022, 12, .	1.6	13
5021	Brain potential responses involved in decision-making in weightlessness. <i>Scientific Reports</i> , 2022, 12, .	1.6	5
5022	Contracted thalamic shape is associated with early development of levodopa-induced dyskinesia in Parkinsonâ€™s disease. <i>Scientific Reports</i> , 2022, 12, .	1.6	1
5023	EEG resting-state functional connectivity: evidence for an imbalance of external/internal information integration in autism. <i>Journal of Neurodevelopmental Disorders</i> , 2022, 14, .	1.5	9
5024	Multi-Subject Analysis for Brain Developmental Patterns Discovery via Tensor Decomposition of MEG Data. <i>Neuroinformatics</i> , 0, , .	1.5	1
5025	Anxiety disrupts performance monitoring: integrating behavioral, event-related potential, EEG microstate, and sLORETA evidence. <i>Cerebral Cortex</i> , 2023, 33, 3787-3802.	1.6	3
5027	Reproducibility of functional connectivity metrics estimated from resting-state functional MRI with differences in days, coils, and global signal regression. <i>Radiological Physics and Technology</i> , 2022, 15, 298-310.	1.0	2

#	ARTICLE	IF	CITATIONS
5030	Brain functional connectivity differences between responders and non-responders to sleeve gastrectomy. <i>Neuroradiology</i> , 0, , .	1.1	0
5031	Dynamic Functional Connectivity of Emotion Processing in Beta Band with Naturalistic Emotion Stimuli. <i>Brain Sciences</i> , 2022, 12, 1106.	1.1	5
5033	Distinct disease trajectories in frontotemporal dementia—motor neuron disease and behavioural variant <scp>frontotemporal dementia</scp>: A longitudinal study. <i>European Journal of Neurology</i> , 2022, 29, 3158-3169.	1.7	2
5035	3D-mapping of TMS effects with automatic robotic placement Improved reliability and the risk of spurious correlation. <i>Journal of Neuroscience Methods</i> , 2022, , 109689.	1.3	0
5036	White matter microstructural integrity pre- and post-treatment in individuals with chronic post-stroke aphasia. <i>Brain and Language</i> , 2022, 232, 105163.	0.8	3
5037	More comprehensive proprioceptive stimulation of the hand amplifies its cortical processing. <i>Journal of Neurophysiology</i> , 2022, 128, 568-581.	0.9	2
5038	Temporally stable beta sensorimotor oscillations and corticomuscular coupling underlie force steadiness. <i>NeuroImage</i> , 2022, 261, 119491.	2.1	1
5039	Closing the loop: Novel quantitative fMRI approach for manipulation of the sensorimotor loop in tremor. <i>NeuroImage</i> , 2022, 262, 119554.	2.1	1
5040	Quantifying rhythmicity in perceptual reports. <i>NeuroImage</i> , 2022, 262, 119561.	2.1	6
5041	Cerebral blood flow and cardiovascular risk effects on resting brain regional homogeneity. <i>NeuroImage</i> , 2022, 262, 119555.	2.1	1
5043	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
5044	Accurate machine learning prediction of sexual orientation based on brain morphology and intrinsic functional connectivity. <i>Cerebral Cortex</i> , 2023, 33, 4013-4025.	1.6	0
5045	Violated expectations for spatial and feature attributes of visual trajectories modulate event-related potential amplitudes across the visual processing hierarchy. <i>Biological Psychology</i> , 2022, 174, 108422.	1.1	3
5046	Representational structure of fMRI/EEG responses to dynamic facial expressions. <i>NeuroImage</i> , 2022, 263, 119631.	2.1	0
5047	Space-time resolved inference-based neurophysiological process imaging: Application to resting-state alpha rhythm. <i>NeuroImage</i> , 2022, 263, 119592.	2.1	6
5048	Manipulating load-induced fluid flow in vivo to promote bone adaptation. <i>Bone</i> , 2022, 165, 116547.	1.4	4
5049	Diminishing accelerated long-term forgetting in mild cognitive impairment: Study protocol for a prospective, double-blind, placebo-controlled, randomized controlled trial. <i>Contemporary Clinical Trials Communications</i> , 2022, 30, 100989.	0.5	1
5050	Manipulating Load-Induced Fluid Flow in Vivo to Promote Bone Adaptation. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0

#	ARTICLE	IF	CITATIONS
5051	Distinguishing transient from persistent tactile agnosia after partial anterior circulation infarcts â€“ Behavioral and neuroimaging evidence for white matter disconnection. <i>NeuroImage: Clinical</i> , 2022, 36, 103193.	1.4	0
5052	Comparison of Statistical Models for Characterizing Continuous Differences between Two Biomechanical Measurement Systems. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
5053	Altered Engagement of the Speech Motor Network is Associated with Reduced Phonological Working Memory in Autism. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
5054	Voxelwise structural disconnection mapping: Methodological validation and recommendations. <i>NeuroImage: Clinical</i> , 2022, 35, 103132.	1.4	7
5055	MRI predictors of pharmacotherapy response in major depressive disorder. <i>NeuroImage: Clinical</i> , 2022, 36, 103157.	1.4	16
5056	White matter alterations in chronic MDMA use: Evidence from diffusion tensor imaging and neurofilament light chain blood levels. <i>NeuroImage: Clinical</i> , 2022, 36, 103191.	1.4	9
5058	Association of body mass index and its classifications with gray matter volume in individuals with a wide range of body mass index group: A whole-brain magnetic resonance imaging study. <i>Frontiers in Human Neuroscience</i> , 0, 16, .	1.0	3
5059	Dissociable neural mechanisms of cognition and well-being in youth versus healthy aging.. <i>Psychology and Aging</i> , 2022, 37, 827-842.	1.4	11
5060	Functional connectivity alterations in migraineurs with Alice in Wonderland syndrome. <i>Neurological Sciences</i> , 2023, 44, 305-317.	0.9	3
5061	A comparison of uni- and multi-variate methods for identifying brain networks activated by cognitive tasks using intracranial EEG. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	1
5062	Lateralization of orthographic processing in fixed-gaze and natural reading conditions. <i>Cortex</i> , 2022, 157, 99-116.	1.1	5
5063	White matter tract changes in pediatric posterior fossa brain tumor survivors after surgery and chemotherapy. , 0, 1, .		0
5064	Anomaly Detection for a Large Number of Streams: A Permutation-Based Higher Criticism Approach. <i>Journal of the American Statistical Association</i> , 2024, 119, 461-474.	1.8	1
5065	The Importance of Semantic Network Brain Regions in Integrating Prior Knowledge with an Ongoing Dialogue. <i>ENeuro</i> , 2022, 9, ENEURO.0116-22.2022.	0.9	2
5066	Facilitation of Hand Proprioceptive Processing in Paraplegic Individuals with Long-Term Wheelchair Sports Training. <i>Brain Sciences</i> , 2022, 12, 1295.	1.1	1
5067	Foot arch rigidity in walking: In vivo evidence for the contribution of metatarsophalangeal joint dorsiflexion. <i>PLoS ONE</i> , 2022, 17, e0274141.	1.1	6
5068	Amygdala and hippocampus dialogue with neocortex during human sleep and wakefulness. <i>Sleep</i> , 2023, 46, .	0.6	2
5069	The interindividual variability of multimodal brain connectivity maintains spatial heterogeneity and relates to tissue microstructure. <i>Communications Biology</i> , 2022, 5, .	2.0	1



#	ARTICLE	IF	CITATIONS
5070	Athletes with high knee abduction moments show increased vertical center of mass excursions and knee valgus angles across sport-specific fake-and-cut tasks of different complexities. <i>Frontiers in Sports and Active Living</i> , 0, 4, .	0.9	1
5071	Cortical contributions to locomotor primitives in toddlers and adults. <i>IScience</i> , 2022, 25, 105229.	1.9	8
5072	Structural brain changes in patients with persistent headache after COVID-19 resolution. <i>Journal of Neurology</i> , 2023, 270, 13-31.	1.8	9
5073	An early perceptual locus of absolute pitch. <i>Psychophysiology</i> , 0, , .	1.2	1
5074	Regional gene expression signatures are associated with sex-specific functional connectivity changes in depression. <i>Nature Communications</i> , 2022, 13, .	5.8	16
5075	Neural correlates of lateral modulation and perceptual filling-in in center-surround radial sinusoidal gratings: an fMRI study. <i>Scientific Reports</i> , 2022, 12, .	1.6	1
5076	Indirect structural disconnection-symptom mapping. <i>Brain Structure and Function</i> , 2022, 227, 3129-3144.	1.2	13
5077	Retrosplenial and Hippocampal Synchrony during Retrieval of Old Memories in Macaques. <i>Journal of Neuroscience</i> , 2022, 42, 7947-7956.	1.7	2
5078	Both brain size and biological sex contribute to variation in white matter microstructure in middle-aged healthy adults. <i>Human Brain Mapping</i> , 2023, 44, 691-709.	1.9	17
5079	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
5080	Characterization of structural and functional network organization after focal prefrontal lesions in humans in proof of principle study. <i>Brain Structure and Function</i> , 0, , .	1.2	0
5081	HIV peripheral neuropathy-related degeneration of white matter tracts to sensorimotor cortex. <i>Journal of NeuroVirology</i> , 0, , .	1.0	2
5082	Meta-connectomic analysis maps consistent, reproducible, and transcriptionally relevant functional connectome hubs in the human brain. <i>Communications Biology</i> , 2022, 5, .	2.0	10
5083	Long-term effect of childhood trauma: Role of inflammation and white matter in mood disorders. <i>Brain, Behavior, &amp; Immunity - Health</i> , 2022, 26, 100529.	1.3	3
5084	An Introduction to Time-Resolved Decoding Analysis for M/EEG. , 2020, , 679-690.		13
5085	NigraNet: An automatic framework to assess nigral neuromelanin content in early Parkinson's disease using convolutional neural network. <i>NeuroImage: Clinical</i> , 2022, 36, 103250.	1.4	2
5087	High-Definition Transcranial Infralow Pink-Noise Stimulation Can Influence Functional and Effective Cortical Connectivity in Individuals With Chronic Low Back Pain: A Pilot Randomized Placebo-Controlled Study. <i>Neuromodulation</i> , 2022, , .	0.4	0
5089	The neural coding of tonal working memory load: An functional magnetic resonance imaging study. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	1

#	ARTICLE	IF	CITATIONS
5090	Whole-Brain Propagation Delays in Multiple Sclerosis, a Combined Tractography-Magnetoencephalography Study. <i>Journal of Neuroscience</i> , 2022, 42, 8807-8816.	1.7	15
5093	Involvement of Thalamocortical Networks in Patients With Poststroke Thalamic Aphasia. <i>Neurology</i> , 2023, 100, .	1.5	5
5094	Topology of pain networks in patients with temporomandibular disorder and pain-free controls with and without concurrent experimental pain: A pilot study. <i>Frontiers in Pain Research</i> , 0, 3, .	0.9	0
5097	Cortical electrical activity changes in healthy aging using EEG-eLORETA analysis. <i>NeuroImage Reports</i> , 2022, 2, 100143.	0.5	3
5098	Empathy and resting-state functional connectivity in children. <i>NeuroImage Reports</i> , 2022, 2, 100142.	0.5	2
5099	Brain microstructural changes and fatigue after COVID-19. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	17
5101	<i>De novo</i> brain-computer interfacing deforms manifold of populational neural activity patterns in human cerebral cortex. <i>ENeuro</i> , 0, , ENEURO.0145-22.2022.	0.9	0
5102	Altered striatal functional connectivity and structural dysconnectivity in individuals with bipolar disorder: A resting state magnetic resonance imaging study. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	13
5103	Language input in late infancy scaffolds emergent literacy skills and predicts reading related white matter development. <i>Frontiers in Human Neuroscience</i> , 0, 16, .	1.0	3
5104	Effects of surrounding frames and inner targeted line segments on event-related potentials in geometric-optical illusions. <i>NeuroReport</i> , 2022, 33, 777-785.	0.6	2
5105	Correlation between brain functional connectivity and neurocognitive function in patients with left frontal glioma. <i>Scientific Reports</i> , 2022, 12, .	1.6	5
5106	Insulin resistance disrupts white matter microstructure and amplitude of functional spontaneous activity in bipolar disorder. <i>Bipolar Disorders</i> , 2023, 25, 32-42.	1.1	1
5107	Functional connectivity strength and topology differences in social phobia adolescents with and without ADHD comorbidity. <i>Neuropsychologia</i> , 2023, 178, 108418.	0.7	1
5110	Maximum downward slope of sleep slow waves as a potential marker of attention-deficit/hyperactivity disorder clinical phenotypes. <i>Journal of Psychiatric Research</i> , 2022, 156, 679-689.	1.5	0
5111	Leveraging edge-centric networks complements existing network-level inference for functional connectomes. <i>NeuroImage</i> , 2022, 264, 119742.	2.1	1
5112	Late dominance of the right hemisphere during narrative comprehension. <i>NeuroImage</i> , 2022, 264, 119749.	2.1	3
5116	The effect of low-frequency rTMS on auditory hallucinations, EEG source localization and functional connectivity in schizophrenia. <i>Neuroscience Letters</i> , 2023, 794, 136977.	1.0	3
5117	Cortical tracking of lexical speech units in a multi-talker background is immature in school-aged children. <i>NeuroImage</i> , 2023, 265, 119770.	2.1	1

#	ARTICLE	IF	CITATIONS
5118	Whole-brain modeling explains the context-dependent effects of cholinergic neuromodulation. <i>NeuroImage</i> , 2023, 265, 119782.	2.1	6
5119	Temporal expectation based on the duration variability modulates alpha oscillations during working memory retention. <i>NeuroImage</i> , 2023, 265, 119789.	2.1	2
5120	BrainStat: A toolbox for brain-wide statistics and multimodal feature associations. <i>NeuroImage</i> , 2023, 266, 119807.	2.1	27
5121	Neurodevelopmental oscillatory basis of speech processing in noise. <i>Developmental Cognitive Neuroscience</i> , 2023, 59, 101181.	1.9	3
5122	Sense of self in mind and body: an eLORETA-EEG study. <i>Neuroscience of Consciousness</i> , 2022, 2022, .	1.4	1
5123	Who's driving? The default mode network in healthy elderly individuals at risk of cognitive decline. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	1
5124	SF-MVPA: A from raw data to statistical results and surface space-based MVPA toolbox. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	0
5125	Altered reward processing underpins emotional apathy in dementia. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2023, 23, 354-370.	1.0	6
5127	Human visual consciousness involves large scale cortical and subcortical networks independent of task report and eye movement activity. <i>Nature Communications</i> , 2022, 13, .	5.8	16
5128	Fading of brain network fingerprint in Parkinson's disease predicts motor clinical impairment. <i>Human Brain Mapping</i> , 2023, 44, 1239-1250.	1.9	8
5129	Modeling Brain Functional Connectivity Patterns during an Isometric Arm Force Exertion Task at Different Levels of Perceived Exertion: A Graph Theoretical Approach. <i>Brain Sciences</i> , 2022, 12, 1575.	1.1	1
5130	Brain correlates of subjective cognitive complaints in COVID-19 survivors: A multimodal magnetic resonance imaging study. <i>European Neuropsychopharmacology</i> , 2023, 68, 1-10.	0.3	15
5131	Feasibility and Safety of High-Definition Infralow Pink Noise Stimulation for Treating Chronic Tinnitus: A Randomized Placebo-Controlled Trial. <i>Neuromodulation</i> , 2022, , .	0.4	0
5132	Preservation of EEG spectral power features during simultaneous EEG-fMRI. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	2
5133	Altered engagement of the speech motor network is associated with reduced phonological working memory in autism. <i>NeuroImage: Clinical</i> , 2022, , 103299.	1.4	2
5134	Genetic influence on resting state networks in young male and female adults: a cartographer mapping study. <i>Human Brain Mapping</i> , 0, , .	1.9	0
5137	On the similarities of representations in artificial and brain neural networks for speech recognition. <i>Frontiers in Computational Neuroscience</i> , 0, 16, .	1.2	0
5138	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

#	ARTICLE	IF	CITATIONS
5139	Hippocampal, basal ganglia and olfactory connectivity contribute to cognitive impairments in Parkinson's disease. <i>European Journal of Neuroscience</i> , 2023, 57, 511-526.	1.2	4
5140	Altered functional connectivity: A possible reason for reduced performance during visual cognition involving scene incongruence and negative affect. <i>IBRO Neuroscience Reports</i> , 2022, 13, 533-542.	0.7	0
5143	The Spatiotemporal Neural Dynamics of Object Recognition for Natural Images and Line Drawings. <i>Journal of Neuroscience</i> , 2023, 43, 484-500.	1.7	5
5144	Visual category representations in the infant brain. <i>Current Biology</i> , 2022, 32, 5422-5432.e6.	1.8	11
5145	Firing behavior of single motor units of the tibialis anterior in human walking as non-invasively revealed by HDsEMG decomposition. <i>Journal of Neural Engineering</i> , 2022, 19, 066033.	1.8	1
5146	Preliminary Observations of Resting-State Magnetoencephalography in Nonmedicated Children with Obsessive-Compulsive Disorder. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2022, 32, 522-532.	0.7	0
5148	Effects of inhaling essential oils of <i>Citrus limonum</i> L., <i>Santalum album</i> , and <i>Cinnamomum camphora</i> on human brain activity. <i>Brain and Behavior</i> , 2023, 13, .	1.0	2
5149	An event-based magnetoencephalography study of simulated driving: Establishing a novel paradigm to probe the dynamic interplay of executive and motor function. <i>Human Brain Mapping</i> , 0, , .	1.9	1
5150	Hodge Laplacian of Brain Networks. <i>IEEE Transactions on Medical Imaging</i> , 2023, 42, 1563-1573.	5.4	3
5151	Disconnection in a left-hemispheric temporo-parietal network impairs multiplication fact retrieval. <i>NeuroImage</i> , 2023, 268, 119840.	2.1	6
5152	Association between the Pittsburgh sleep quality index and white matter integrity in healthy adults: a whole-brain magnetic resonance imaging study. <i>Sleep and Biological Rhythms</i> , 0, , .	0.5	0
5155	Parkinson's Disease-Cognitive Rating Scale ( PD-CRS ): normative data and mild cognitive impairment assessment in Brazil. <i>Movement Disorders Clinical Practice</i> , 0, , .	0.8	0
5156	Significant age by childhood trauma interactions on grey matter volumes: a whole brain VBM analysis. <i>Bipolar Disorders</i> , 0, , .	1.1	0
5157	Cortical, muscular, and kinetic activity underpinning attentional focus strategies during visuomotor control. <i>Psychophysiology</i> , 2023, 60, .	1.2	6
5158	Task aftereffect reorganization of resting state functional brain networks in healthy aging and mild cognitive impairment. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	0
5160	Dysfunctional cerebello-cerebral network associated with vocal emotion recognition impairments. <i>Cerebral Cortex Communications</i> , 2023, 4, .	0.7	1
5161	Neural Prediction of Posttraumatic Growth in Healthy Adults With and Without Probable PTSD. <i>Journal of Loss and Trauma</i> , 2023, 28, 616-634.	0.9	1
5162	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

#	ARTICLE	IF	CITATIONS
5163	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
5164	White matter alterations in amnesic mild cognitive impairment: a tract-based spatial statistics study. , 0, , .		0
5165	Role of line junctions in expert object recognition: The case of musical notation. <i>Psychophysiology</i> , 0, , .	1.2	0
5166	Somatosensory and motor representations following bilateral transplants of the hands: A 6-year longitudinal case report on the first pediatric bilateral hand transplant patient. <i>Brain Research</i> , 2023, , 148262.	1.1	0
5167	Comparison of Canine Forelimb Kinematic Joint Angles Collected with 2D and 3D Models. <i>Veterinary and Comparative Orthopaedics and Traumatology</i> , 0, , .	0.2	0
5168	The effect of D-cycloserine on brain processing of breathlessness over pulmonary rehabilitation - an experimental medicine study. <i>ERJ Open Research</i> , 0, , 00479-2022.	1.1	0
5169	Association between social comparison orientation and hippocampal properties in older adults: A multimodal MRI study. <i>Social Neuroscience</i> , 2022, 17, 544-557.	0.7	3
5170	Parallel processing relies on a distributed, low-dimensional cortico-cerebellar architecture. <i>Network Neuroscience</i> , 0, , 1-41.	1.4	0
5171	Causal role of a neural system for separating and selecting multidimensional social cognitive information. <i>Neuron</i> , 2023, 111, 1152-1164.e6.	3.8	3
5172	Knee Joint Contact Forces during High-Risk Dynamic Tasks: 90° Change of Direction and Deceleration Movements. <i>Bioengineering</i> , 2023, 10, 179.	1.6	4
5173	Analysis of Altered Brain Dynamics During Episodic Recall and Detection of Generalized Anxiety Disorder. <i>Neuroscience</i> , 2023, 524, 37-51.	1.1	1
5174	Robust associations between white matter microstructure and general intelligence. <i>Cerebral Cortex</i> , 2023, 33, 6723-6741.	1.6	3
5175	Differences in interference processing and frontal brain function with climate trauma from California's deadliest wildfire. , 2023, 2, e0000125.		10
5176	Language Experience during Infancy Predicts White Matter Myelination at Age 2 Years. <i>Journal of Neuroscience</i> , 2023, 43, 1590-1599.	1.7	8
5177	QEEG characteristics associated with malnutrition-inflammation complex syndrome. <i>Frontiers in Human Neuroscience</i> , 0, 17, .	1.0	0
5178	Changes in frontal plane kinematics over 12-months in individuals with the Percutaneous Osseointegrated Prosthesis (POP). <i>PLoS ONE</i> , 2023, 18, e0281339.	1.1	5
5179	Machine learning-based prediction of clinical outcomes after first-ever ischemic stroke. <i>Frontiers in Neurology</i> , 0, 14, .	1.1	5
5180	Cortical sources of electroencephalographic alpha rhythms related to the anticipation and experience of mirror visual feedback-induced illusion of finger movements. <i>Psychophysiology</i> , 0, , .	1.2	0

#	ARTICLE	IF	CITATIONS
5181	Event-related causality in stereo-EEG discriminates syntactic processing of noun phrases and verb phrases. <i>Journal of Neural Engineering</i> , 2023, 20, 026042.	1.8	4
5182	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
5183	Cerebral hypoperfusion in post-COVID-19 cognitively impaired subjects revealed by arterial spin labeling MRI. <i>Scientific Reports</i> , 2023, 13, .	1.6	27
5184	Characterizing the mechanical function of the foot's arch across steady-state gait modes. <i>Journal of Biomechanics</i> , 2023, 151, 111529.	0.9	3
5186	An infant sleep electroencephalographic marker of thalamocortical connectivity predicts behavioral outcome in late infancy. <i>NeuroImage</i> , 2023, 269, 119924.	2.1	5
5187	Muscular and kinematic features in speed skaters indicate a task-specific dystonia. <i>Clinical Neurophysiology</i> , 2023, 149, 113-120.	0.7	2
5188	Differences in hip musculoskeletal loads between limbs during daily activities in patients with 3D-printed hemipelvic reconstructions following tumor surgery. <i>Gait and Posture</i> , 2023, 102, 56-63.	0.6	0
5189	Brain functional specialization in obsessive-compulsive disorder associated with neurotransmitter profiles. <i>Journal of Affective Disorders</i> , 2023, 329, 477-482.	2.0	0
5190	Bayesian lesion-deficit inference with Bayes factor mapping: Key advantages, limitations, and a toolbox. <i>NeuroImage</i> , 2023, 271, 120008.	2.1	5
5191	Foreign speech sound discrimination and associative word learning lead to a fast reconfiguration of resting-state networks. <i>NeuroImage</i> , 2023, 271, 120026.	2.1	0
5192	Neurophysiological MEG markers of cognitive impairment and performance validity in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 0, , 135245852311598.	1.4	0
5193	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
5194	Relationships between neurotransmitter receptor densities and expression levels of their corresponding genes in the human hippocampus. <i>NeuroImage</i> , 2023, 273, 120095.	2.1	1
5195	Experimental Design and Data Analysis Strategies. , 2022, , 267-322.		0
5196	BraceNet: Graph-Embedded Neural Network For Brain Network Analysis. , 2022, , .		1
5197	Controlling the familywise error rate in widefield optical neuroimaging of functional connectivity in mice. <i>NeuroPhotonics</i> , 2023, 10, .	1.7	2
5198	Examining the Low- Resolution Electromagnetic Tomography Technique for EEG Brain Mapping. <i>Data Base for Advances in Information Systems</i> , 2023, 54, 66-81.	1.1	1
5201	Diminished Repetition Suppression Reveals Selective and Systems-Level Face Processing Differences in ASD. <i>Journal of Neuroscience</i> , 2023, 43, 1952-1962.	1.7	1

#	ARTICLE	IF	CITATIONS
5205	Online Left-Hemispheric In-Phase Frontoparietal Theta tACS Modulates Theta-Band EEG Source-Based Large-Scale Functional Network Connectivity in Patients with Schizophrenia: A Randomized, Double-Blind, Sham-Controlled Clinical Trial. <i>Biomedicines</i> , 2023, 11, 630.	1.4	2
5206	Network evolution of regional brain volumes in young children reflects neurocognitive scores and mother's education. <i>Scientific Reports</i> , 2023, 13, .	1.6	2
5207	Source Localization of Somatosensory Neural Generators in Adults with Attention-Deficit/Hyperactivity Disorder. <i>Brain Sciences</i> , 2023, 13, 370.	1.1	1
5208	Beyond linear neural envelope tracking: a mutual information approach. <i>Journal of Neural Engineering</i> , 2023, 20, 026007.	1.8	3
5209	Effect of sex on the APOE4-aging interaction in the white matter microstructure of cognitively normal older adults using diffusion-tensor MRI with orthogonal-tensor decomposition (DT-DOME). <i>Frontiers in Neuroscience</i> , 0, 17, .	1.4	1
5210	Improved Neurophysiological Process Imaging through Optimisation of Kalman Filter Initial Conditions. <i>International Journal of Neural Systems</i> , 0, , .	3.2	1
5211	On the potential of transauricular electrical stimulation to reduce visually induced motion sickness. <i>Scientific Reports</i> , 2023, 13, .	1.6	0
5212	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
5214	Resting state functional connectivity demonstrates increased segregation in bilateral temporal lobe epilepsy. <i>Epilepsia</i> , 2023, 64, 1305-1317.	2.6	6
5215	Longitudinal multi-omics alterations response to 8-week risperidone monotherapy: Evidence linking cortical thickness, transcriptomics and epigenetics. <i>Frontiers in Psychiatry</i> , 0, 14, .	1.3	0
5218	Functional connectivity alterations in traumatic brain injury patients with late seizures. <i>Neurobiology of Disease</i> , 2023, 179, 106053.	2.1	0
5219	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
5221	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
5223	Topological data analysis of human brain networks through order statistics. <i>PLoS ONE</i> , 2023, 18, e0276419.	1.1	2
5224	What determines the neural response to snakes in the infant brain? A systematic comparison of color and grayscale stimuli. <i>Frontiers in Psychology</i> , 0, 14, .	1.1	3
5225	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
5226	Lateralized connectivity in the alpha band between parietal and occipital sources when spatial attention is externally and internally directed. , 0, 2, .		3
5228	Glutamatergic and GABAergic Receptor Modulation Present Unique Electrophysiological Fingerprints in a Concentration-Dependent and Region-Specific Manner. <i>ENeuro</i> , 2023, 10, ENEURO.0406-22.2023.	0.9	3

#	ARTICLE	IF	CITATIONS
5229	Thalamocortical disconnection involved in pusher syndrome. <i>Brain</i> , 2023, 146, 3648-3661.	3.7	3
5230	Toward a statistical validation of brain signatures as robust measures of behavioral substrates. <i>Human Brain Mapping</i> , 2023, 44, 3094-3111.	1.9	2
5231	Joint-embeddings reveal functional differences in default-mode network architecture between marmosets and humans. <i>NeuroImage</i> , 2023, 272, 120035.	2.1	6
5232	Feature-specific reactivations of past information shift current neural encoding thereby mediating serial bias behaviors. <i>PLoS Biology</i> , 2023, 21, e3002056.	2.6	7
5233	Long-Term and Meditation-Specific Modulations of Brain Connectivity Revealed Through Multivariate Pattern Analysis. <i>Brain Topography</i> , 2023, 36, 409-418.	0.8	2
5234	Mapping and decoding cortical engagement during motor imagery, mental arithmetic, and silent word generation using <scp>MEG</scp>. <i>Human Brain Mapping</i> , 0, , .	1.9	2
5235	Missed meal boluses and poorer glycemic control impact on neurocognitive function may be associated with white matter integrity in adolescents with type 1 diabetes. <i>Frontiers in Endocrinology</i> , 0, 14, .	1.5	0
5236	Preservation of thalamocortical circuitry is essential for good recovery after cardiac arrest. , 0, , .		1
5237	The self-concept is represented in the medial prefrontal cortex in terms of self-importance. <i>Journal of Neuroscience</i> , 0, , JN-RM-2178-22.	1.7	1
5238	Response of sleep slow oscillations to acoustic stimulation is evidenced by distinctive synchronization processes. <i>Sleep</i> , 2023, 46, .	0.6	1
5239	Structural brain network connectivity in trichotillomania (hair-pulling disorder). <i>Brain Imaging and Behavior</i> , 0, , .	1.1	0
5240	Exposure to nature is associated with decreased functional connectivity within the distress network: A resting state EEG study. <i>Frontiers in Psychology</i> , 0, 14, .	1.1	2
5241	A parahippocampal-sensory Bayesian vicious circle generates pain or tinnitus: a source-localized EEG study. <i>Brain Communications</i> , 2023, 5, .	1.5	5
5242	Permutation-based true discovery proportions for functional magnetic resonance imaging cluster analysis. <i>Statistics in Medicine</i> , 2023, 42, 2311-2340.	0.8	3
5243	Origin, synchronization, and propagation of sleep slow waves in children. <i>NeuroImage</i> , 2023, 274, 120133.	2.1	4
5268	Functional MRI: Cognitive Neuroscience Applications. , 2023, , 877-899.		0
5290	Experimental Design and Data Analysis for fMRI. , 2023, , 485-495.		0
5335	Sex-related differences in upper limb motor function in healthy subjects and multiple sclerosis patients: a multiparametric MRI study. <i>Journal of Neurology</i> , 2023, 270, 5235-5250.	1.8	1



#	ARTICLE	IF	CITATIONS
5343	Predicting neurologic recovery after severe acute brain injury using resting-state networks. Journal of Neurology, 2023, 270, 6071-6080.	1.8	1
5361	How Can I Avoid Circular Analysis (‘‘Double Dipping’’)? Studies in Neuroscience, Psychology and Behavioral Economics, 2023, , 587-593.	0.1	0
5364	Deep Dag Learning of Effective Brain Connectivity for FMRI Analysis. , 2023, , .		1
5372	Interoception as operator-centered proxy for embodiment of tele-robotic systems: theoretical-practical remarks. , 2023, , .		0
5384	Functional Magnetic Resonance Imaging. Use RI, 2023, , 29-83.	0.3	0
5401	Structural brain heterogeneity underlying symptomatic and asymptomatic genetic dystonia: a multimodal MRI study. Journal of Neurology, 0, , .	1.8	0