

# Cortical Surface-Based Analysis

NeuroImage

9, 179-194

DOI: [10.1006/nimg.1998.0395](https://doi.org/10.1006/nimg.1998.0395)

Citation Report

#	ARTICLE	IF	CITATIONS
2	GANGLIONECTOMY IN THE TREATMENT OF SEVERE POLYARTHRITIS AND OSTEO-ARTHRITIS. <i>BMJ: British Medical Journal</i> , 1936, 2, 375-381.	2.4	5
3	The Representation of Illusory and Real Contours in Human Cortical Visual Areas Revealed by Functional Magnetic Resonance Imaging. <i>Journal of Neuroscience</i> , 1999, 19, 8560-8572.	1.7	402
4	Automated topologically correct cortical surfaces from MR images. , 0, , .		0
5	Combining Electromagnetic and Hemodynamic Signals to Derive Spatiotemporal Brain Activation Patterns: Theory and Results. <i>Biomedizinische Technik</i> , 1999, 44, 53-60.	0.9	1
6	High-resolution intersubject averaging and a coordinate system for the cortical surface. <i>Human Brain Mapping</i> , 1999, 8, 272-284.	1.9	2,757
7	Segmentation and measurement of the cortex from 3-D MR images using coupled-surfaces propagation. <i>IEEE Transactions on Medical Imaging</i> , 1999, 18, 927-937.	5.4	260
8	Statistical limitations in functional neuroimaging II. Signal detection and statistical inference. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1999, 354, 1261-1281.	1.8	154
9	<title>Topologically constrained cortical surfaces from MRI</title>. , 2000, , .		7
10	BrainSuite: An Automated Cortical Surface Identification Tool. <i>Lecture Notes in Computer Science</i> , 2000, , 50-61.	1.0	23
11	Projection of rods and cones within human visual cortex. , 2000, 9, 55-63.		48
12	Three-dimensional mapping of cortical thickness using Laplace's Equation. <i>Human Brain Mapping</i> , 2000, 11, 12-32.	1.9	457
13	Volumetry and topography of the human brain by magnetic resonance imaging. <i>International Journal of Imaging Systems and Technology</i> , 2000, 11, 198-208.	2.7	2
14	A cooperative framework for segmentation of MRI brain scans. <i>Artificial Intelligence in Medicine</i> , 2000, 20, 77-93.	3.8	45
15	Segregation of Somatosensory Activation in the Human Rolandic Cortex Using fMRI. <i>Journal of Neurophysiology</i> , 2000, 84, 558-569.	0.9	156
16	The Skull Stripping Problem in MRI Solved by a Single 3D Watershed Transform. <i>Lecture Notes in Computer Science</i> , 2000, , 134-143.	1.0	82
17	Visualization and Measurement of the Cortical Surface. <i>Journal of Cognitive Neuroscience</i> , 2000, 12, 739-752.	1.1	238
18	Human Cortical Areas Underlying the Perception of Optic Flow: Brain Imaging Studies. <i>International Review of Neurobiology</i> , 2000, 44, 269-292.	0.9	91
19	Measuring the thickness of the human cerebral cortex from magnetic resonance images. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 11050-11055.	3.3	4,968

#	ARTICLE	IF	CITATIONS
20	Brain growth and the cognitive map. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 4414-4416.	3.3	27
21	Dynamic Statistical Parametric Mapping. Neuron, 2000, 26, 55-67.	3.8	1,540
22	Application of Cortical Unfolding Techniques to Functional MRI of the Human Hippocampal Region. NeuroImage, 2000, 11, 668-683.	2.1	99
23	Automatic Morphology-Based Brain Segmentation (MBRASE) from MRI-T1 Data. NeuroImage, 2000, 12, 726-738.	2.1	72
24	Watersheds on the cortical surface for automated sulcal segmentation. , 0, , .		11
28	Automatic segmentation of the structures in the human brain. NeuroImage, 2001, 13, 118.	2.1	10
31	Semantic processing of pictures of animals and tools: Event-related fMRI evidence on the organization of knowledge in the human brain. NeuroImage, 2001, 13, 760.	2.1	1
34	Magnetic Resonance Image Tissue Classification Using a Partial Volume Model. NeuroImage, 2001, 13, 856-876.	2.1	866
35	Spatiotemporal Brain Imaging of Visual-Evoked Activity Using Interleaved EEG and fMRI Recordings. NeuroImage, 2001, 13, 1035-1043.	2.1	140
36	Qualitative and Quantitative Evaluation of Six Algorithms for Correcting Intensity Nonuniformity Effects. NeuroImage, 2001, 13, 931-943.	2.1	152
37	A Parametric fMRI Study of Overt and Covert Shifts of Visuospatial Attention. NeuroImage, 2001, 14, 310-321.	2.1	324
38	An Efficient Algorithm for Topologically Correct Segmentation of the Cortical Sheet in Anatomical MR Volumes. NeuroImage, 2001, 14, 329-346.	2.1	218
39	Cortical network dynamics during verbal working memory function. International Journal of Psychophysiology, 2001, 42, 161-176.	0.5	24
40	Cortical Mechanisms Specific to Explicit Visual Object Recognition. Neuron, 2001, 29, 529-535.	3.8	421
41	Recovering Meaning. Neuron, 2001, 31, 329-338.	3.8	813
42	Mapping cortical asymmetry and complexity patterns in normal children. Psychiatry Research - Neuroimaging, 2001, 107, 29-43.	0.9	167
43	Mapping visual cortex in monkeys and humans using surface-based atlases. Vision Research, 2001, 41, 1359-1378.	0.7	401
44	Case study: interacting with cortical flat maps of the human brain. , 0, , .		2

#	ARTICLE	IF	CITATIONS
45	Cortical surface reconstruction using a topology preserving geometric deformable model. , 0, , .		11
46	Automated manifold surgery: constructing geometrically accurate and topologically correct models of the human cerebral cortex. IEEE Transactions on Medical Imaging, 2001, 20, 70-80.	5.4	1,509
47	Functional MRI and Its Applications to the Clinical Neurosciences. Neuroscientist, 2001, 7, 64-79.	2.6	61
48	A Four-Dimensional Probabilistic Atlas of the Human Brain. Journal of the American Medical Informatics Association: JAMIA, 2001, 8, 401-430.	2.2	313
49	A probabilistic atlas and reference system for the human brain: International Consortium for Brain Mapping (ICBM). Philosophical Transactions of the Royal Society B: Biological Sciences, 2001, 356, 1293-1322.	1.8	1,959
50	Advances in Functional Neuroimaging Methodology for the Study of Brain Systems Underlying Human Neuropsychological Function and Dysfunction. Journal of Clinical and Experimental Neuropsychology, 2001, 23, 3-18.	0.8	42
51	Where is 'Dorsal V4' in Human Visual Cortex? Retinotopic, Topographic and Functional Evidence. Cerebral Cortex, 2001, 11, 298-311.	1.6	227
52	Spatiotemporal Maps of Brain Activity Underlying Word Generation and Their Modification during Repetition Priming. Journal of Neuroscience, 2001, 21, 3564-3571.	1.7	99
53	Improving Image Contrast Using Principal Component Analysis for Subsequent Image Segmentation. Journal of Computer Assisted Tomography, 2001, 25, 817-822.	0.5	4
55	From medical images to anatomically accurate finite element grids. International Journal for Numerical Methods in Engineering, 2001, 51, 985-1008.	1.5	138
56	Of Babies and Bathwater: Reduction in Perceptual Science. Review of Toward a New Behaviorism: The Case against Perceptual Reductionism, by W. R. Uttal. Journal of Mathematical Psychology, 2001, 45, 189-204.	1.0	0
57	History and future directions of human brain mapping and functional neuroimaging. Acta Psychologica, 2001, 107, 9-42.	0.7	106
58	Abnormal retinotopic representations in human visual cortex revealed by fMRI. Acta Psychologica, 2001, 107, 229-247.	0.7	64
59	Automated graph-based analysis and correction of cortical volume topology. IEEE Transactions on Medical Imaging, 2001, 20, 1167-1177.	5.4	189
60	Mapping of Contralateral Space in Retinotopic Coordinates by a Parietal Cortical Area in Humans. Science, 2001, 294, 1350-1354.	6.0	744
61	Local and global attention are mapped retinotopically in human occipital cortex. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 2077-2082.	3.3	130
62	An Integrated Software Suite for Surface-based Analyses of Cerebral Cortex. Journal of the American Medical Informatics Association: JAMIA, 2001, 8, 443-459.	2.2	1,029
63	â€˜The surface management systemâ€™ (SuMS) database: a surfaceâ€˜based database to aid cortical surface reconstruction, visualization and analysis. Philosophical Transactions of the Royal Society B: Biological Sciences, 2001, 356, 1277-1292.	1.8	45

#	ARTICLE	IF	CITATIONS
64	Mechanisms of migraine aura revealed by functional MRI in human visual cortex. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 4687-4692.	3.3	1,312
66	Topology correction in brain cortex segmentation using a multiscale, graph-based algorithm. IEEE Transactions on Medical Imaging, 2002, 21, 109-121.	5.4	114
67	Using a statistical shape model to extract sulcal curves on the outer cortex of the human brain. IEEE Transactions on Medical Imaging, 2002, 21, 513-524.	5.4	90
68	Shape perception reduces activity in human primary visual cortex. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 15164-15169.	3.3	421
69	Advanced Algorithmic Approaches to Medical Image Segmentation. , 2002, , .		63
70	Introduction to Cartography of the Brain. , 2002, , 3-31.		1
71	Speculations about the Future. , 2002, , 829-856.		0
72	Regional and progressive thinning of the cortical ribbon in Huntington's disease. Neurology, 2002, 58, 695-701.	1.5	956
73	Large-scale cortical displacement of a human retinotopic map. NeuroReport, 2002, 13, 41-46.	0.6	14
74	Morphometric Analysis of Cortical Sulci Using Parametric Ribbons: A Study of the Central Sulcus. Journal of Computer Assisted Tomography, 2002, 26, 298-307.	0.5	47
75	Somatotopic Activation in the Human Trigeminal Pain Pathway. Journal of Neuroscience, 2002, 22, 8183-8192.	1.7	213
76	New approaches for measuring changes in the cortical surface using an automatic reconstruction algorithm. , 2002, , .		0
77	Three dimensional Monte Carlo code for photon migration through complex heterogeneous media including the adult human head. Optics Express, 2002, 10, 159.	1.7	554
78	A Space for Measuring Mind and Brain: Interdisciplinarity and Digital Tools in the Development of Brain Mapping and Functional Imaging, 1980-1990. Brain and Cognition, 2002, 49, 13-33.	0.8	11
79	Imaging techniques. NeuroImage, 2002, 16, 37-258.	2.1	24
81	Spatiotemporal forward solution of the EEG and MEG using network modeling. IEEE Transactions on Medical Imaging, 2002, 21, 493-504.	5.4	129
82	On the Metrics and Euler-Lagrange Equations of Computational Anatomy. Annual Review of Biomedical Engineering, 2002, 4, 375-405.	5.7	377
83	Automated Sulcal Segmentation Using Watersheds on the Cortical Surface. NeuroImage, 2002, 15, 329-344.	2.1	145

#	ARTICLE	IF	CITATIONS
84	Shape-Based Cortical Surface Segmentation for Visualization Brain Mapping. <i>NeuroImage</i> , 2002, 16, 295-316.	2.1	13
85	A Quantitative Assessment of the Sensitivity of Whole-Head MEG to Activity in the Adult Human Cortex. <i>NeuroImage</i> , 2002, 16, 638-650.	2.1	414
86	Boundary Element Method-Based Cortical Potential Imaging of Somatosensory Evoked Potentials Using Subjects' Magnetic Resonance Images. <i>NeuroImage</i> , 2002, 16, 564-576.	2.1	97
87	Anatomically Informed Basis Functions for EEG Source Localization: Combining Functional and Anatomical Constraints. <i>NeuroImage</i> , 2002, 16, 678-695.	2.1	171
88	A Quantitative Comparison of Simultaneous BOLD fMRI and NIRS Recordings during Functional Brain Activation. <i>NeuroImage</i> , 2002, 17, 719-731.	2.1	1,092
89	N400-like Magnetoencephalography Responses Modulated by Semantic Context, Word Frequency, and Lexical Class in Sentences. <i>NeuroImage</i> , 2002, 17, 1101-1116.	2.1	375
90	Time-Coherent Expansion of MEG/EEG Cortical Sources. <i>NeuroImage</i> , 2002, 17, 1277-1289.	2.1	21
91	Automated Histogram-Based Brain Segmentation in T1-Weighted Three-Dimensional Magnetic Resonance Head Images. <i>NeuroImage</i> , 2002, 17, 1587-1598.	2.1	101
92	fMRI Retinotopic Mapping—Step by Step. <i>NeuroImage</i> , 2002, 17, 1665-1683.	2.1	178
93	Computational surface flattening: a voxel-based approach. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2002, 24, 433-441.	9.7	26
94	Whole Brain Segmentation. <i>Neuron</i> , 2002, 33, 341-355.	3.8	7,404
95	Human Brain Activity during Illusory Visual Jitter as Revealed by Functional Magnetic Resonance Imaging. <i>Neuron</i> , 2002, 35, 1147-1156.	3.8	29
96	The International Consortium for Brain Mapping: A Probabilistic Atlas and Reference System for the Human Brain. , 2002, , 727-755.		7
97	Magnetoencephalographic Characterization of Dynamic Brain Activation: Basic Principles and Methods of Data Collection and Source Analysis. , 2002, , 227-253.		43
98	Functional MRI. , 2002, , 315-349.		10
99	Imaging and the Human Brain Project: A Review. <i>Methods of Information in Medicine</i> , 2002, 41, 245-260.	0.7	22
100	Imaging Informatics and the Human Brain Project: the Role of Structure. <i>Yearbook of Medical Informatics</i> , 2002, 11, 131-148.	0.8	6
101	?Soap-Bubble? visualization and quantitative analysis of 3D coronary magnetic resonance angiograms. <i>Magnetic Resonance in Medicine</i> , 2002, 48, 658-666.	1.9	239

#	ARTICLE	IF	CITATIONS
102	Monte Carlo simulation studies of EEG and MEG localization accuracy. <i>Human Brain Mapping</i> , 2002, 16, 47-62.	1.9	327
103	Neural basis of prosopagnosia: An fMRI study. <i>Human Brain Mapping</i> , 2002, 16, 176-182.	1.9	126
104	Fast robust automated brain extraction. <i>Human Brain Mapping</i> , 2002, 17, 143-155.	1.9	9,218
105	Computer Vision and Pattern Recognition Techniques for 2-D and 3-D MR Cerebral Cortical Segmentation (Part I): A State-of-the-Art Review. <i>Pattern Analysis and Applications</i> , 2002, 5, 46-76.	3.1	57
106	Structural MR image processing using the brains2 toolbox. <i>Computerized Medical Imaging and Graphics</i> , 2002, 26, 251-264.	3.5	297
107	BrainSuite: An automated cortical surface identification tool. <i>Medical Image Analysis</i> , 2002, 6, 129-142.	7.0	727
108	Basic principles of MRI and morphometry studies of human brain development. <i>Developmental Science</i> , 2002, 5, 268-278.	1.3	24
109	Construction of patient-specific surface models from MR images: application to bioelectromagnetism. <i>Computer Methods and Programs in Biomedicine</i> , 2003, 72, 167-178.	2.6	11
110	Applications of patient-specific CFD in medicine and life sciences. <i>International Journal for Numerical Methods in Fluids</i> , 2003, 43, 637-650.	0.9	27
111	Investigating the generators of the scalp recorded visuo-verbal P300 using cortically constrained source localization. <i>Human Brain Mapping</i> , 2003, 18, 53-77.	1.9	53
112	Efficient acquisition of human retinotopic maps. <i>Human Brain Mapping</i> , 2003, 18, 22-29.	1.9	68
113	Improvement in variability of the horizontal meridian of the primary visual area following high-resolution spatial normalization. <i>Human Brain Mapping</i> , 2003, 18, 123-134.	1.9	5
114	A wavelet-based approximation of surface coil sensitivity profiles for correction of image intensity inhomogeneity and parallel imaging reconstruction. <i>Human Brain Mapping</i> , 2003, 19, 96-111.	1.9	68
115	MRI-based morphometric analysis of typical and atypical brain development. <i>Mental Retardation and Developmental Disabilities Research Reviews</i> , 2003, 9, 155-160.	3.5	23
116	Numerical model of electrical potential within the human head. <i>International Journal for Numerical Methods in Engineering</i> , 2003, 56, 2353-2366.	1.5	6
117	Surface visualization of electromagnetic brain activity. <i>Journal of Neuroscience Methods</i> , 2003, 127, 137-147.	1.3	5
118	Biochemical and molecular studies using human autopsy brain tissue. <i>Journal of Neurochemistry</i> , 2003, 85, 543-562.	2.1	220
119	December 9, 2003. <i>Epilepsia</i> , 2003, 44, 176-347.	2.6	2

#	ARTICLE	IF	CITATIONS
120	Functional imaging of the visual pathways. <i>Neurologic Clinics</i> , 2003, 21, 417-443.	0.8	29
121	Neuropsychiatric thalamocortical dysrhythmia: surgical implications. <i>Thalamus &amp; Related Systems</i> , 2003, 2, 103-113.	0.5	2
122	Geometric atlas: modeling the cortex as an organized surface. <i>NeuroImage</i> , 2003, 20, 1468-1468.	2.1	0
123	Neuropsychiatric thalamocortical dysrhythmia: surgical implications. <i>Neurosurgery Clinics of North America</i> , 2003, 14, 251-265.	0.8	55
124	Deformation-based surface morphometry applied to gray matter deformation. <i>NeuroImage</i> , 2003, 18, 198-213.	2.1	245
125	Novelty responses and differential effects of order in the amygdala, substantia innominata, and inferior temporal cortex. <i>NeuroImage</i> , 2003, 18, 660-669.	2.1	151
126	Cortical activation to illusory shapes as measured with magnetoencephalography. <i>NeuroImage</i> , 2003, 18, 1001-1009.	2.1	134
127	Spatiotemporal maps of past-tense verb inflection. <i>NeuroImage</i> , 2003, 19, 91-100.	2.1	54
128	The LONI Pipeline Processing Environment. <i>NeuroImage</i> , 2003, 19, 1033-1048.	2.1	295
129	Attentional inhibition of visual processing in human striate and extrastriate cortex. <i>NeuroImage</i> , 2003, 19, 1602-1611.	2.1	163
130	Region of interest based analysis of functional imaging data. <i>NeuroImage</i> , 2003, 19, 1303-1316.	2.1	144
131	A multitrial analysis for revealing significant corticocortical networks in magnetoencephalography and electroencephalography. <i>NeuroImage</i> , 2003, 20, 186-201.	2.1	40
132	Dynamic programming generation of boundaries of local coordinatized submanifolds in the neocortex: application to the planum temporale. <i>NeuroImage</i> , 2003, 20, 359-377.	2.1	55
133	Improving tissue segmentation of human brain MRI through preprocessing by the Gegenbauer reconstruction method. <i>NeuroImage</i> , 2003, 20, 489-502.	2.1	38
134	Is the brain cortex a fractal?. <i>NeuroImage</i> , 2003, 20, 1765-1774.	2.1	128
136	Robust inference of baseline optical properties of the human head with three-dimensional segmentation from magnetic resonance imaging. <i>Applied Optics</i> , 2003, 42, 3095.	2.1	69
137	Amygdala and insular responses to emotionally valenced human faces in small animal specific phobia. <i>Biological Psychiatry</i> , 2003, 54, 1067-1076.	0.7	123
138	Geometric atlas: modeling the cortex as an organized surface. <i>NeuroImage</i> , 2003, 20, 1468-1484.	2.1	45



#	ARTICLE	IF	CITATIONS
139	The use of anatomical constraints with MEG beamformers. <i>NeuroImage</i> , 2003, 20, 2302-2313.	2.1	118
140	Identifying regional activity associated with temporally separated components of working memory using event-related functional MRI. <i>NeuroImage</i> , 2003, 20, 1670-1684.	2.1	101
141	Spatiotemporal Dynamics of Modality-Specific and Supramodal Word Processing. <i>Neuron</i> , 2003, 38, 487-497.	3.8	424
142	Spatial Updating in Human Parietal Cortex. <i>Neuron</i> , 2003, 39, 361-373.	3.8	257
143	Heterogeneity of MR signal intensity mapped onto brain surface models. , 0, , .		1
144	Regionally Localized Thinning of the Cerebral Cortex in Schizophrenia. <i>Archives of General Psychiatry</i> , 2003, 60, 878.	13.8	809
145	Functional MRI Studies of Human Visual Motion Perception: Texture, Luminance, Attention and After-effects. <i>Cerebral Cortex</i> , 2003, 13, 340-349.	1.6	103
146	Tensor-based brain surface modeling and analysis. , 0, , .		10
147	Processing Shape, Motion and Three-dimensional Shape-from-motion in the Human Cortex. <i>Cerebral Cortex</i> , 2003, 13, 508-516.	1.6	123
148	Sulcal lines extraction for cortex characterization in cerebral MR images using the image foresting transform. , 0, , .		0
149	Human Cerebellum: Surface-Assisted Cortical Parcellation and Volumetry with Magnetic Resonance Imaging. <i>Journal of Cognitive Neuroscience</i> , 2003, 15, 584-599.	1.1	70
151	Hemispheric Surface Area: Sex, Laterality and Age Effects. <i>Cerebral Cortex</i> , 2003, 13, 364-370.	1.6	21
152	Distinct Patterns of Neural Modulation during the Processing of Conceptual and Syntactic Anomalies. <i>Journal of Cognitive Neuroscience</i> , 2003, 15, 272-293.	1.1	222
153	Characterization of the human cortex in MR images through the image foresting transform. , 0, , .		5
154	Focal thinning of the cerebral cortex in multiple sclerosis. <i>Brain</i> , 2003, 126, 1734-1744.	3.7	352
155	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
156	Morphology-Based Cortical Thickness Estimation. <i>Lecture Notes in Computer Science</i> , 2003, 18, 89-100.	1.0	28
157	Retinotopic mapping reveals extrastriate cortical basis of homonymous quadrantanopia. <i>NeuroReport</i> , 2003, 14, 1209-1213.	0.6	24

#	ARTICLE	IF	CITATIONS
158	Complete flatmounting of the macaque cerebral cortex. <i>Visual Neuroscience</i> , 2003, 20, 663-686.	0.5	60
159	Bayesian estimation of optical properties of the human head via 3D structural MRI. , 2003, , .		0
160	Neuroimaging of Direction-Selective Mechanisms for Second-Order Motion. <i>Journal of Neurophysiology</i> , 2003, 90, 3242-3254.	0.9	72
161	Functional Dissociation among Components of Remembering: Control, Perceived Oldness, and Content. <i>Journal of Neuroscience</i> , 2003, 23, 3869-3880.	1.7	297
163	Direct Comparison of Visual Cortex Activation in Human and Nonhuman Primates Using Functional Magnetic Resonance Imaging. <i>Methods in Enzymology</i> , 2004, 385, 102-134.	0.4	2
164	First-order and second-order motion: neurological evidence for neuroanatomically distinct systems. <i>Progress in Brain Research</i> , 2004, 144, 197-212.	0.9	45
165	SUMA: An interface for surface-based intra- and inter-subject analysis with AFNI. , 0, , .		60
166	Diffusion smoothing on brain surface via finite element method. , 0, , .		16
167	Cortical surface flattening using least square conformal mapping with minimal metric distortion. , 0, , .		5
168	Accurate Template-Based Correction of Brain MRI Intensity Distortion With Application to Dementia and Aging. <i>IEEE Transactions on Medical Imaging</i> , 2004, 23, 99-110.	5.4	55
169	Automatically Parcellating the Human Cerebral Cortex. <i>Cerebral Cortex</i> , 2004, 14, 11-22.	1.6	3,657
170	Thinning of the Cerebral Cortex in Aging. <i>Cerebral Cortex</i> , 2004, 14, 721-730.	1.6	1,556
171	Geodesic closest point constrained inter-subject non-rigid registration. , 2004, , .		0
172	The primary visual cortex fills in color. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 18251-18256.	3.3	121
173	Point-Light Biological Motion Perception Activates Human Premotor Cortex. <i>Journal of Neuroscience</i> , 2004, 24, 6181-6188.	1.7	381
174	Retinotopic organization in children measured with fMRI. <i>Journal of Vision</i> , 2004, 4, 10-10.	0.1	48
175	Tonotopic Organization in Human Auditory Cortex Revealed by Progressions of Frequency Sensitivity. <i>Journal of Neurophysiology</i> , 2004, 91, 1282-1296.	0.9	281
176	The Shape of Electrical Impedance Spectroscopy (EIS) is altered in Stroke Patients. , 2004, 2004, 3443-6.		12

#	ARTICLE	IF	CITATIONS
177	Structural MR Imaging. <i>Epilepsia</i> , 2004, 45, 4-16.	2.6	13
178	Attentional modulation of human auditory cortex. <i>Nature Neuroscience</i> , 2004, 7, 658-663.	7.1	291
179	Validation of semiautomated methods for quantifying cingulate cortical metrics in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2004, 132, 53-68.	0.9	33
180	Hostility differentiates the brain metabolic effects of nicotine. <i>Cognitive Brain Research</i> , 2004, 18, 142-148.	3.3	24
181	Server-based Approach to Web Visualization of Integrated Three-dimensional Brain Imaging Data. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2004, 12, 140-151.	2.2	15
182	Metallic electrodes and leads in simultaneous EEG-MRI: Specific absorption rate (SAR) simulation studies. <i>Bioelectromagnetics</i> , 2004, 25, 285-295.	0.9	74
183	Basal ganglia activity remains elevated after movement in focal hand dystonia. <i>Annals of Neurology</i> , 2004, 55, 744-748.	2.8	84
184	Question/statement judgments: An fMRI study of intonation processing. <i>Human Brain Mapping</i> , 2004, 23, 85-98.	1.9	46
185	Cortex-based independent component analysis of fMRI time series. <i>Magnetic Resonance Imaging</i> , 2004, 22, 1493-1504.	1.0	88
186	Fully automated biomedical image segmentation by self-organized model adaptation. <i>Neural Networks</i> , 2004, 17, 1327-1344.	3.3	41
187	Tuning and comparing spatial normalization methods. <i>Medical Image Analysis</i> , 2004, 8, 311-323.	7.0	210
188	A level set method for skull-stripping MR brain images. , 0, , .		5
189	Deformable model with surface registration for hippocampal shape deformity analysis in schizophrenia. <i>NeuroImage</i> , 2004, 22, 831-831.	2.1	0
191	A magnetic resonance imaging study of cortical thickness in animal phobia. <i>Biological Psychiatry</i> , 2004, 55, 946-952.	0.7	37
192	THE HUMAN VISUAL CORTEX. <i>Annual Review of Neuroscience</i> , 2004, 27, 649-677.	5.0	941
193	Physiological basis and image processing in functional magnetic resonance imaging: Neuronal and motor activity in brain. <i>BioMedical Engineering OnLine</i> , 2004, 3, 13.	1.3	14
194	A hybrid approach to the skull stripping problem in MRI. <i>NeuroImage</i> , 2004, 22, 1060-1060.	2.1	8
195	The functional neuroanatomy of the human orbitofrontal cortex: evidence from neuroimaging and neuropsychology. <i>Progress in Neurobiology</i> , 2004, 72, 341-372.	2.8	1,757

#	ARTICLE	IF	CITATIONS
196	From high-resolution EEG to electrophysiological neuroimaging. International Congress Series, 2004, 1270, 3-8.	0.2	0
197	Multimodal Imaging from Neuroelectromagnetic and Functional Magnetic Resonance Recordings. Bioelectric Engineering, 2004, , 251-280.	0.7	5
198	Selection, Integration, and Conflict Monitoring. Neuron, 2004, 41, 473-487.	3.8	403
199	Multiple Spotlights of Attentional Selection in Human Visual Cortex. Neuron, 2004, 42, 677-686.	3.8	259
200	Towards a Quantitative, Probabilistic Neuroanatomy of Cerebral Cortex. Cortex, 2004, 40, 211-212.	1.1	17
201	Improved Watershed Transform for Medical Image Segmentation Using Prior Information. IEEE Transactions on Medical Imaging, 2004, 23, 447-458.	5.4	594
202	Attention increases neural selectivity in the human lateral occipital complex. Nature Neuroscience, 2004, 7, 70-74.	7.1	291
203	Noninvasive measurement of neuronal activity with near-infrared optical imaging. NeuroImage, 2004, 21, 372-386.	2.1	232
204	Dynamics of parietofrontal networks underlying visuospatial short-term memory encoding. NeuroImage, 2004, 23, 787-799.	2.1	28
205	Human MT+ mediates perceptual filling-in during apparent motion. NeuroImage, 2004, 21, 1772-1780.	2.1	72
206	Deformable model with surface registration for hippocampal shape deformity analysis in schizophrenia. NeuroImage, 2004, 22, 831-840.	2.1	35
207	Putting our heads together: a consensus approach to brain/non-brain segmentation in T1-weighted MR volumes. NeuroImage, 2004, 22, 1262-1270.	2.1	59
208	Activation of the fusiform gyrus when individuals with autism spectrum disorder view faces. NeuroImage, 2004, 22, 1141-1150.	2.1	301
209	A hybrid approach to the skull stripping problem in MRI. NeuroImage, 2004, 22, 1060-1075.	2.1	1,893
210	Local landmark-based mapping of human auditory cortex. NeuroImage, 2004, 22, 1657-1670.	2.1	24
211	Deformable registration of cortical structures via hybrid volumetric and surface warping. NeuroImage, 2004, 22, 1790-1801.	2.1	114
212	Spectral spatiotemporal imaging of cortical oscillations and interactions in the human brain. NeuroImage, 2004, 23, 582-595.	2.1	169
213	A meta-algorithm for brain extraction in MRI. NeuroImage, 2004, 23, 625-637.	2.1	98

#	ARTICLE	IF	CITATIONS
214	CRUISE: Cortical reconstruction using implicit surface evolution. <i>NeuroImage</i> , 2004, 23, 997-1012.	2.1	239
215	Sequence-independent segmentation of magnetic resonance images. <i>NeuroImage</i> , 2004, 23, S69-S84.	2.1	1,858
216	Computational anatomy: shape, growth, and atrophy comparison via diffeomorphisms. <i>NeuroImage</i> , 2004, 23, S19-S33.	2.1	163
217	Computational anatomy and neuropsychiatric disease: probabilistic assessment of variation and statistical inference of group difference, hemispheric asymmetry, and time-dependent change. <i>NeuroImage</i> , 2004, 23, S56-S68.	2.1	90
218	Is precise discrimination of low level motion needed for heading discrimination?. <i>NeuroReport</i> , 2004, 15, 1013-1017.	0.6	11
219	Early visual cortex organization in autism: an fMRI study. <i>NeuroReport</i> , 2004, 15, 267-270.	0.6	61
220	Chapter 52 Aids to telemetry in the presurgical evaluation of epilepsy patients: MRI, MEG and other non-invasive imaging techniques. <i>Supplements To Clinical Neurophysiology</i> , 2004, 57, 494-502.	2.1	5
222	A spatial-temporal comparison of fMRI and NIRS hemodynamic responses to motor stimuli in adult humans. , 2005, 5693, 191.		6
223	Morphological study of cortical surfaces with principal component analysis. , 2005, , .		0
224	Age-dependent changes in distribution of P3a/P3b amplitude and thickness of the cerebral cortex. <i>NeuroReport</i> , 2005, 16, 1451-1454.	0.6	12
225	Robust fast automatic skull stripping of MRI-T2 data. , 2005, , .		4
226	A Genetic Algorithm for the Topology Correction of Cortical Surfaces. <i>Lecture Notes in Computer Science</i> , 2005, 19, 393-405.	1.0	75
227	Application of Magnetoencephalography in Epilepsy Patients with Widespread Spike or Slow-wave Activity. <i>Epilepsia</i> , 2005, 46, 1264-1272.	2.6	72
228	Common neural substrates for the control and effects of visual attention and perceptual bistability. <i>Cognitive Brain Research</i> , 2005, 24, 97-108.	3.3	70
229	Differing neuropsychological and neuroanatomical correlates of abnormal reading in early-stage semantic dementia and dementia of the Alzheimer type. <i>Neuropsychologia</i> , 2005, 43, 833-846.	0.7	43
230	Magnetoencephalography cortical source imaging using spherical mapping. <i>IEEE Transactions on Magnetism</i> , 2005, 41, 1984-1987.	1.2	9
231	Adaptive Model Initialization and Deformation for Automatic Segmentation of T1-Weighted Brain MRI Data. <i>IEEE Transactions on Biomedical Engineering</i> , 2005, 52, 1128-1131.	2.5	28
232	Voxel-based analysis of MRI detects abnormal visual cortex in children and adults with amblyopia. <i>Human Brain Mapping</i> , 2005, 25, 222-236.	1.9	102

#	ARTICLE	IF	CITATIONS
233	Meta-analysis of neuroimaging studies of the Wisconsin Card-Sorting task and component processes. <i>Human Brain Mapping</i> , 2005, 25, 35-45.	1.9	403
234	Methods for functional magnetic resonance imaging in normal and lesioned behaving monkeys. <i>Journal of Neuroscience Methods</i> , 2005, 143, 179-195.	1.3	31
235	Developmental mechanics of the primate cerebral cortex. <i>Anatomy and Embryology</i> , 2005, 210, 411-417.	1.5	174
236	New Numerical Solution of the Laplace Equation for Tissue Thickness Measurement in Three-Dimensional MRI. <i>Mathematical Modelling and Algorithms</i> , 2005, 4, 83-97.	0.5	10
237	From Spatial Regularization to Anatomical Priors in fMRI Analysis. <i>Lecture Notes in Computer Science</i> , 2005, 19, 88-100.	1.0	10
238	Unified Statistical Approach to Cortical Thickness Analysis. <i>Lecture Notes in Computer Science</i> , 2005, 19, 627-638.	1.0	22
239	Brain surface reformatted images for fast and easy localization of perirolandic lesions. <i>Journal of Neurosurgery</i> , 2005, 102, 302-310.	0.9	26
240	Spatial working memory specific activity in dorsal prefrontal cortex? Disparate answers from fMRI beta-weight and timecourse analysis. <i>Cognitive Neuropsychology</i> , 2005, 22, 905-920.	0.4	36
241	Electroencephalographic Recordings of Focal Seizures in Patients Affected by Periventricular Nodular Heterotopia: Role of the Heterotopic Nodules in the Genesis of Epileptic Discharges. <i>Journal of Child Neurology</i> , 2005, 20, 369-377.	0.7	24
242	Neuroanatomical Correlates of Extraversion and Neuroticism. <i>Cerebral Cortex</i> , 2005, 16, 1809-1819.	1.6	186
243	Spatial Reconstruction of Trajectories of an Array of Recording Microelectrodes. <i>Journal of Neurophysiology</i> , 2005, 93, 2318-2330.	0.9	26
244	Reproducibility of Functional MR Imaging: Preliminary Results of Prospective Multi-institutional Study Performed by Biomedical Informatics Research Network. <i>Radiology</i> , 2005, 237, 781-789.	3.6	92
245	A stochastic model for studying the laminar structure of cortex from MRI. <i>IEEE Transactions on Medical Imaging</i> , 2005, 24, 728-742.	5.4	17
247	Visual field map clusters in human cortex. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2005, 360, 693-707.	1.8	244
248	Genetic Contributions to Human Gyrfication: Sulcal Morphometry in Williams Syndrome. <i>Journal of Neuroscience</i> , 2005, 25, 7840-7846.	1.7	132
249	Processing Efficiency of Divided Spatial Attention Mechanisms in Human Visual Cortex. <i>Journal of Neuroscience</i> , 2005, 25, 9444-9448.	1.7	98
250	Anatomically constrained dipole adjustment (ANACONDA) for accurate MEG/EEG focal source localizations. <i>Physics in Medicine and Biology</i> , 2005, 50, 4931-4953.	1.6	11
251	Reorganization of Visual Processing in Macular Degeneration. <i>Journal of Neuroscience</i> , 2005, 25, 614-618.	1.7	239

#	ARTICLE	IF	CITATIONS
252	Dynamic Statistical Parametric Mapping for Analyzing the Magnetoencephalographic Epileptiform Activity in Patients With Epilepsy. <i>Journal of Child Neurology</i> , 2005, 20, 363-369.	0.7	26
253	Cerebral cortex thickness in 15-year-old adolescents with low birth weight measured by an automated MRI-based method. <i>Brain</i> , 2005, 128, 2588-2596.	3.7	174
254	Renewal of the Neurophysiology of Language: Functional Neuroimaging. <i>Physiological Reviews</i> , 2005, 85, 49-95.	13.1	364
255	Separate neural systems for processing action- or non-action-related sounds. <i>NeuroImage</i> , 2005, 24, 852-861.	2.1	102
256	Identification of the neural sources of the pattern-reversal VEP. <i>NeuroImage</i> , 2005, 24, 874-886.	2.1	239
257	Increased MEG activation in OCD reflects a compensatory mechanism specific to the phase of a visual working memory task. <i>NeuroImage</i> , 2005, 24, 1180-1191.	2.1	37
258	Cortical thickness analysis in autism with heat kernel smoothing. <i>NeuroImage</i> , 2005, 25, 1256-1265.	2.1	313
259	MRI-based surface-assisted parcellation of human cerebellar cortex: an anatomically specified method with estimate of reliability. <i>NeuroImage</i> , 2005, 25, 1146-1160.	2.1	91
260	Bayesian analysis of the neuromagnetic inverse problem with $\hat{\alpha}$ , "p-norm priors. <i>NeuroImage</i> , 2005, 26, 870-884.	2.1	59
261	Automated 3-D extraction and evaluation of the inner and outer cortical surfaces using a Laplacian map and partial volume effect classification. <i>NeuroImage</i> , 2005, 27, 210-221.	2.1	794
262	Some neurophysiological constraints on models of word naming. <i>NeuroImage</i> , 2005, 27, 677-693.	2.1	205
263	The integrated response of the human cerebro-cerebellar and limbic systems to acupuncture stimulation at ST 36 as evidenced by fMRI. <i>NeuroImage</i> , 2005, 27, 479-496.	2.1	450
264	Spatiotemporal brain maps of delayed word repetition and recognition. <i>NeuroImage</i> , 2005, 28, 293-304.	2.1	19
265	The appreciation of wine by sommeliers: a functional magnetic resonance study of sensory integration. <i>NeuroImage</i> , 2005, 25, 570-578.	2.1	90
266	Thickness of ventromedial prefrontal cortex in humans is correlated with extinction memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 10706-10711.	3.3	362
267	Effects of age on volumes of cortex, white matter and subcortical structures. <i>Neurobiology of Aging</i> , 2005, 26, 1261-1270.	1.5	552
268	Memory Strength and Repetition Suppression: Multimodal Imaging of Medial Temporal Cortical Contributions to Recognition. <i>Neuron</i> , 2005, 47, 751-761.	3.8	241
269	Dissociable Controlled Retrieval and Generalized Selection Mechanisms in Ventrolateral Prefrontal Cortex. <i>Neuron</i> , 2005, 47, 907-918.	3.8	802

#	ARTICLE	IF	CITATIONS
270	Human Dorsal and Ventral Auditory Streams Subserve Rehearsal-Based and Echoic Processes during Verbal Working Memory. <i>Neuron</i> , 2005, 48, 687-697.	3.8	246
271	Functional MRI in Epilepsy. , 2005, , 281-298.		0
272	STATISTICAL ANALYSIS OF MORPHOLOGICAL DIFFERENCES BETWEEN BRAINS. <i>International Journal of Neuroscience</i> , 2006, 116, 407-418.	0.8	7
273	Cortical Surface Shape Analysis Based on Spherical Wavelet Transformation. , 2006, 2006, .		3
274	Different regional patterns of cortical thinning in Alzheimer's disease and frontotemporal dementia. <i>Brain</i> , 2006, 130, 1159-1166.	3.7	391
275	Abstract Grammatical Processing of Nouns and Verbs in Broca's Area: Evidence from fMRI. <i>Cortex</i> , 2006, 42, 540-562.	1.1	111
276	Determinants of Bold Signal Correlates of Processing Object-Extracted Relative Clauses. <i>Cortex</i> , 2006, 42, 591-604.	1.1	65
277	Selective increase of cortical thickness in high-performing elderlyâ€”structural indices of optimal cognitive aging. <i>NeuroImage</i> , 2006, 29, 984-994.	2.1	112
278	Cortical reconstruction using implicit surface evolution: Accuracy and precision analysis. <i>NeuroImage</i> , 2006, 29, 838-852.	2.1	39
279	Cortical plasticity following surgical extension of lower limbs. <i>NeuroImage</i> , 2006, 30, 172-183.	2.1	25
280	76-Space analysis of grey matter diffusivity: Methods and applications. <i>NeuroImage</i> , 2006, 31, 51-65.	2.1	48
281	Estimating linear cortical magnification in human primary visual cortex via dynamic programming. <i>NeuroImage</i> , 2006, 31, 125-138.	2.1	66
282	Assessing and improving the spatial accuracy in MEG source localization by depth-weighted minimum-norm estimates. <i>NeuroImage</i> , 2006, 31, 160-171.	2.1	420
283	Somatosensory cortical plasticity in carpal tunnel syndromeâ€”a cross-sectional fMRI evaluation. <i>NeuroImage</i> , 2006, 31, 520-530.	2.1	106
284	A novel quantitative cross-validation of different cortical surface reconstruction algorithms using MRI phantom. <i>NeuroImage</i> , 2006, 31, 572-584.	2.1	105
285	Regional cortical thickness matters in recall after months more than minutes. <i>NeuroImage</i> , 2006, 31, 1343-1351.	2.1	66
286	An automated labeling system for subdividing the human cerebral cortex on MRI scans into gyral based regions of interest. <i>NeuroImage</i> , 2006, 31, 968-980.	2.1	10,125
287	Vector-based spatialâ€”temporal minimum L1-norm solution for MEG. <i>NeuroImage</i> , 2006, 31, 1025-1037.	2.1	104



#	ARTICLE	IF	CITATIONS
288	Cortical surface-based analysis of 18F-FDG PET: Measured metabolic abnormalities in schizophrenia are affected by cortical structural abnormalities. <i>NeuroImage</i> , 2006, 31, 1434-1444.	2.1	56
289	Finger motion sensors for fMRI motor studies. <i>NeuroImage</i> , 2006, 31, 1549-1559.	2.1	31
290	Anatomically informed interpolation of fMRI data on the cortical surface. <i>NeuroImage</i> , 2006, 31, 1475-1486.	2.1	42
291	Reliability of MRI-derived measurements of human cerebral cortical thickness: The effects of field strength, scanner upgrade and manufacturer. <i>NeuroImage</i> , 2006, 32, 180-194.	2.1	1,337
292	Skull-stripping magnetic resonance brain images using a model-based level set. <i>NeuroImage</i> , 2006, 32, 79-92.	2.1	134
293	An fMRI investigation of syllable sequence production. <i>NeuroImage</i> , 2006, 32, 821-841.	2.1	433
294	Human cerebral cortex: A system for the integration of volume- and surface-based representations. <i>NeuroImage</i> , 2006, 33, 139-153.	2.1	66
295	Mapping an intrinsic MR property of gray matter in auditory cortex of living humans: A possible marker for primary cortex and hemispheric differences. <i>NeuroImage</i> , 2006, 32, 1524-1537.	2.1	144
296	Automated Brainstem Co-registration (ABC) for MRI. <i>NeuroImage</i> , 2006, 32, 1113-1119.	2.1	70
297	Making sense of discourse: An fMRI study of causal inferencing across sentences. <i>NeuroImage</i> , 2006, 33, 343-361.	2.1	154
298	Smoothing and cluster thresholding for cortical surface-based group analysis of fMRI data. <i>NeuroImage</i> , 2006, 33, 1093-1103.	2.1	681
299	fMRI Measures of Perceptual Filling-in in the Human Visual Cortex. <i>Journal of Cognitive Neuroscience</i> , 2006, 18, 363-375.	1.1	58
300	Anatomical Differences in the Mirror Neuron System and Social Cognition Network in Autism. <i>Cerebral Cortex</i> , 2006, 16, 1276-1282.	1.6	549
301	Effects of sound level on fMRI activation in human brainstem, thalamic and cortical centers. <i>Hearing Research</i> , 2006, 215, 67-76.	0.9	93
302	Novel fearful faces activate the amygdala in healthy young and elderly adults. <i>Neurobiology of Aging</i> , 2006, 27, 361-374.	1.5	122
303	The Radial Bias: A Different Slant on Visual Orientation Sensitivity in Human and Nonhuman Primates. <i>Neuron</i> , 2006, 51, 661-670.	3.8	180
304	3D Brain Segmentation Using Dual-Front Active Contours with Optional User Interaction. <i>International Journal of Biomedical Imaging</i> , 2006, 2006, 1-17.	3.0	22
305	Interhemispheric Integration at Different Spatial Scales: The Evidence From EEG Coherence and fMRI. <i>Journal of Neurophysiology</i> , 2006, 96, 259-275.	0.9	29

#	ARTICLE	IF	CITATIONS
306	Fast Talairach Transformation for Magnetic Resonance Neuroimages. Journal of Computer Assisted Tomography, 2006, 30, 629-641.	0.5	36
307	Shape-based Discrimination and Classification of Cortical Surfaces. , 2006, , .		0
308	Task-dependent changes in brain activation following therapy for nonfluent aphasia: Discussion of two individual cases. Journal of the International Neuropsychological Society, 2006, 12, 828-42.	1.2	51
309	Implications of MR contrast standardization on image computing. , 2006, 6144, 2104.		0
310	Advances in Magnetic Resonance Imaging Methods for the Evaluation of Bipolar Disorder. CNS Spectrums, 2006, 11, 269-286.	0.7	11
311	Regional cerebral cortical thinning in bipolar disorder. Bipolar Disorders, 2006, 8, 65-74.	1.1	266
312	Brain activation measured using functional magnetic resonance imaging during the Tower of London task. Acta Neuropsychiatrica, 2006, 18, 216-225.	1.0	15
313	Putting the brain in Jeopardy: a novel comprehensive and expressive language task?. Acta Neuropsychiatrica, 2006, 18, 115-119.	1.0	8
314	Medical image registration with partial data. Medical Image Analysis, 2006, 10, 452-464.	7.0	142
315	Interactive effects of APOE and CHRNA4 on attention and white matter volume in healthy middle-aged and older adults. Cognitive, Affective and Behavioral Neuroscience, 2006, 6, 31-43.	1.0	77
316	The functional and structural significance of the frontal shift in the old/new ERP effect. Brain Research, 2006, 1081, 156-170.	1.1	17
317	A brief introduction to functional MRI. IEEE Engineering in Medicine and Biology Magazine, 2006, 25, 24-26.	1.1	41
318	Evaluating fMRI preprocessing pipelines. IEEE Engineering in Medicine and Biology Magazine, 2006, 25, 27-41.	1.1	125
319	Integration of EEG/MEG with MRI and fMRI. IEEE Engineering in Medicine and Biology Magazine, 2006, 25, 46-53.	1.1	85
320	Does amygdalar perfusion correlate with antidepressant response to partial sleep deprivation in major depression?. Psychiatry Research - Neuroimaging, 2006, 146, 43-51.	0.9	56
321	Improved anatomic delineation of the antidepressant response to partial sleep deprivation in medial frontal cortex using perfusion-weighted functional MRI. Psychiatry Research - Neuroimaging, 2006, 146, 213-222.	0.9	45
322	Early detection of schizophrenia by diffusion weighted imaging. Psychiatry Research - Neuroimaging, 2006, 148, 61-66.	0.9	53
323	Distributed current estimates using cortical orientation constraints. Human Brain Mapping, 2006, 27, 1-13.	1.9	281

#	ARTICLE	IF	CITATIONS
324	Simplified intersubject averaging on the cortical surface using SUMA. <i>Human Brain Mapping</i> , 2006, 27, 14-27.	1.9	195
325	Quantitative evaluation of automated skull-stripping methods applied to contemporary and legacy images: Effects of diagnosis, bias correction, and slice location. <i>Human Brain Mapping</i> , 2006, 27, 99-113.	1.9	161
326	Location and spatial profile of category-specific regions in human extrastriate cortex. <i>Human Brain Mapping</i> , 2006, 27, 77-89.	1.9	249
327	Functional imaging analysis contest (FIAC) analysis according to AFNI and SUMA. <i>Human Brain Mapping</i> , 2006, 27, 417-424.	1.9	55
328	Neuroimaging H.M.: A 10-year follow-up examination. <i>Hippocampus</i> , 2006, 16, 936-945.	0.9	41
329	Wide-Field Retinotopy Defines Human Cortical Visual Area V6. <i>Journal of Neuroscience</i> , 2006, 26, 7962-7973.	1.7	252
330	Structural and functional plasticity in the somatosensory cortex of chronic stroke patients. <i>Brain</i> , 2006, 129, 2722-2733.	3.7	155
331	Hippocampal and Parahippocampal Volumes in Schizophrenia: A Structural MRI Study. <i>Schizophrenia Bulletin</i> , 2006, 32, 332-340.	2.3	66
332	A technique to consider mismatches between fMRI and EEG/MEG sources for fMRI-constrained EEG/MEG source imaging: a preliminary simulation study. <i>Physics in Medicine and Biology</i> , 2006, 51, 6005-6021.	1.6	8
333	Regionally Specific Cortical Thinning and Gray Matter Abnormalities in the Healthy Relatives of Schizophrenia Patients. <i>Cerebral Cortex</i> , 2006, 17, 415-424.	1.6	106
334	Role of Mechanical Factors in the Morphology of the Primate Cerebral Cortex. <i>PLoS Computational Biology</i> , 2006, 2, e22.	1.5	271
335	Computational and neurobiological mechanisms underlying cognitive flexibility. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 7186-7191.	3.3	165
336	Discrimination Training Alters Object Representations in Human Extrastriate Cortex. <i>Journal of Neuroscience</i> , 2006, 26, 13025-13036.	1.7	221
337	Quantitative spatial comparison of diffuse optical imaging with blood oxygen level-dependent and arterial spin labeling-based functional magnetic resonance imaging. <i>Journal of Biomedical Optics</i> , 2006, 11, 064018.	1.4	71
338	Atlases of the Human Brain: Tools for Functional Neuroimaging. , 2006, , 566-603.		10
341	Automated Topology Correction for Human Brain Segmentation. <i>Lecture Notes in Computer Science</i> , 2006, 9, 316-323.	1.0	7
342	Connectivity-Based Parcellation of Broca's Area. <i>Cerebral Cortex</i> , 2006, 17, 816-825.	1.6	476
343	Adaptive reproducing kernel particle method for extraction of the cortical surface. <i>IEEE Transactions on Medical Imaging</i> , 2006, 25, 755-767.	5.4	16

#	ARTICLE	IF	CITATIONS
344	Scale-Driven Iterative Optimization for Brain Extraction and Registration. , 0, , .		1
345	Use of 3-D Cortical Morphometry for Mapping Increased Cortical Gyrfication and Complexity in Williams Syndrome. , 0, , .		5
346	Heat Kernel Smoothing on Unit Sphere. , 0, , .		7
347	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
348	Least Square Conformal Mapping with Spring Energy. , 0, , .		0
350	TOPOLOGICAL CORRECTION OF VOLUMETRIC BINARY BRAIN SEGMENTATION USING A MULTISCALE ALGORITHM. , 2007, , .		2
351	Cortical Folding Development Study based on Over-Complete Spherical Wavelets. , 2007, 2007, .		14
352	BRAIN SURFACE CONFORMAL PARAMETERIZATION WITH THE RICCI FLOW. , 2007, , .		9
353	Visual word processing and experiential origins of functional selectivity in human extrastriate cortex. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 9087-9092.	3.3	325
354	Thalamic Shape Abnormalities in Individuals with Schizophrenia and Their Nonpsychotic Siblings. Journal of Neuroscience, 2007, 27, 13835-13842.	1.7	98
355	Neural Activity Is Modulated by Trial History: A Functional Magnetic Resonance Imaging Study of the Effects of a Previous Antisaccade. Journal of Neuroscience, 2007, 27, 1791-1798.	1.7	70
356	Weighted Fourier Series Representation and Its Application to Quantifying the Amount of Gray Matter. IEEE Transactions on Medical Imaging, 2007, 26, 566-581.	5.4	161
357	Thickening in the somatosensory cortex of patients with migraine. Neurology, 2007, 69, 1990-1995.	1.5	222
358	Topographic Maps in Human Frontal Cortex Revealed in Memory-Guided Saccade and Spatial Working-Memory Tasks. Journal of Neurophysiology, 2007, 97, 3494-3507.	0.9	187
359	The Influence of Semantic Processing on Phonological Decisions in Children and Adults: A Magnetoencephalography (MEG) Study. Journal of Speech, Language, and Hearing Research, 2007, 50, 716-731.	0.7	20
360	Increased Temporal and Prefrontal Activity in Response to Semantic Associations in Schizophrenia. Archives of General Psychiatry, 2007, 64, 138.	13.8	104
361	What is Involved and What is Necessary for Complex Linguistic and Nonlinguistic Auditory Processing: Evidence from Functional Magnetic Resonance Imaging and Lesion Data. Journal of Cognitive Neuroscience, 2007, 19, 799-816.	1.1	90
362	Functional Magnetic Resonance Imaging Evidence for a Hierarchical Organization of the Prefrontal Cortex. Journal of Cognitive Neuroscience, 2007, 19, 2082-2099.	1.1	519

#	ARTICLE	IF	CITATIONS
363	Correlated Change in Upper Limb Function and Motor Cortex Activation After Verum and Sham Acupuncture in Patients with Chronic Stroke. <i>Journal of Alternative and Complementary Medicine</i> , 2007, 13, 527-532.	2.1	68
364	3D Topology Preserving Flows for Viewpoint-Based Cortical Unfolding. , 2007, , .		0
365	Brain Activities during 3-D Structure Perception from 2-D Motion as Assessed by Combined MEG/fMRI Techniques. , 2007, , .		0
366	Hippocampal activation in adults with mild cognitive impairment predicts subsequent cognitive decline. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2007, 79, 630-635.	0.9	202
367	A Tale of Two Cities: A Neuroimaging Investigation of Melbourneâ€™Sydney Rivalry Comparing Cortical Thickness in Healthy Adults. <i>Australasian Psychiatry</i> , 2007, 15, 67-71.	0.4	1
368	Workflow-Based Approaches to Neuroimaging Analysis. <i>Methods in Molecular Biology</i> , 2007, 401, 235-266.	0.4	6
369	Brain Networks Subserving the Extraction of Sentence Information and Its Encoding to Memory. <i>Cerebral Cortex</i> , 2007, 17, 2899-2913.	1.6	70
370	Cortical Thinning of the Attention and Executive Function Networks in Adults with Attention-Deficit/Hyperactivity Disorder. <i>Cerebral Cortex</i> , 2007, 17, 1364-1375.	1.6	394
371	Visual Topography of Human Intraparietal Sulcus. <i>Journal of Neuroscience</i> , 2007, 27, 5326-5337.	1.7	429
372	Expectation maximization classification and Laplacian based thickness measurement for cerebral cortex thickness estimation. , 2007, , .		0
373	Stability of brain potentials, mental abilities, and cortical thickness. <i>NeuroReport</i> , 2007, 18, 725-728.	0.6	7
374	Combined Activation and Deactivation of Visual Cortex During Tactile Sensory Processing. <i>Journal of Neurophysiology</i> , 2007, 97, 1633-1641.	0.9	132
375	Abstract Coding of Audiovisual Speech: BeyondÂ’Sensory Representation. <i>Neuron</i> , 2007, 56, 1116-1126.	3.8	113
376	Surface-Based and Probabilistic Atlases of Primate Cerebral Cortex. <i>Neuron</i> , 2007, 56, 209-225.	3.8	469
377	An automatic MRI/SPECT registration algorithm using image intensity and anatomical feature as matching characters: application on the evaluation of Parkinson's disease. <i>Nuclear Medicine and Biology</i> , 2007, 34, 447-457.	0.3	9
378	Increased cognitive load during simple and complex motor tasks in acute stage after stroke. <i>International Journal of Psychophysiology</i> , 2007, 63, 173-180.	0.5	38
379	Distributed cortical networks for focused auditory attention and distraction. <i>Neuroscience Letters</i> , 2007, 416, 247-251.	1.0	39
380	Hierarchical Bayesian estimates of distributed MEG sources: Theoretical aspects and comparison of variational and MCMC methods. <i>NeuroImage</i> , 2007, 35, 669-685.	2.1	61

#	ARTICLE	IF	CITATIONS
381	Automatic segmentation of left and right cerebral hemispheres from MRI brain volumes using the graph cuts algorithm. <i>NeuroImage</i> , 2007, 34, 1160-1170.	2.1	26
382	Neuroimaging evidence for object model verification theory: Role of prefrontal control in visual object categorization. <i>NeuroImage</i> , 2007, 34, 384-398.	2.1	48
383	Dodecapus: An MR-compatible system for somatosensory stimulation. <i>NeuroImage</i> , 2007, 34, 1060-1073.	2.1	81
384	Spatial dynamics of masked picture repetition effects. <i>NeuroImage</i> , 2007, 34, 1723-1732.	2.1	20
385	Neuroanatomical correlates of personality in the elderly. <i>NeuroImage</i> , 2007, 35, 263-272.	2.1	90
386	MRI-constrained spectral imaging of benzodiazepine modulation of spontaneous neuromagnetic activity in human cortex. <i>NeuroImage</i> , 2007, 35, 577-582.	2.1	41
387	Mental rotation and object categorization share a common network of prefrontal and dorsal and ventral regions of posterior cortex. <i>NeuroImage</i> , 2007, 35, 1264-1277.	2.1	76
388	Hippocampus-specific fMRI group activation analysis using the continuous medial representation. <i>NeuroImage</i> , 2007, 35, 1516-1530.	2.1	28
389	The advantage of combining MEG and EEG: Comparison to fMRI in focally stimulated visual cortex. <i>NeuroImage</i> , 2007, 36, 1225-1235.	2.1	178
390	Volumetric cerebral characteristics of children exposed to opiates and other substances in utero. <i>NeuroImage</i> , 2007, 36, 1331-1344.	2.1	139
391	Automatic relevance determination based hierarchical Bayesian MEG inversion in practice. <i>NeuroImage</i> , 2007, 37, 876-889.	2.1	33
392	Reduced microstructural integrity of the white matter underlying anterior cingulate cortex is associated with increased saccadic latency in schizophrenia. <i>NeuroImage</i> , 2007, 37, 599-610.	2.1	78
393	Combining anatomical manifold information via diffeomorphic metric mappings for studying cortical thinning of the cingulate gyrus in schizophrenia. <i>NeuroImage</i> , 2007, 37, 821-833.	2.1	45
394	The occipitofrontal fascicle in humans: A quantitative, in vivo, DT-MRI study. <i>NeuroImage</i> , 2007, 37, 1100-1111.	2.1	95
395	Human cortical representations for reaching: Mirror neurons for execution, observation, and imagery. <i>NeuroImage</i> , 2007, 37, 1315-1328.	2.1	501
396	Brain tissue segmentation based on DTI data. <i>NeuroImage</i> , 2007, 38, 114-123.	2.1	146
397	Automatic segmentation and reconstruction of the cortex from neonatal MRI. <i>NeuroImage</i> , 2007, 38, 461-477.	2.1	192
398	Activations in Visual and Attention-Related Areas Predict and Correlate with the Degree of Perceptual Learning. <i>Journal of Neuroscience</i> , 2007, 27, 11401-11411.	1.7	148

#	ARTICLE	IF	CITATIONS
399	Brain Functional Localization: A Survey of Image Registration Techniques. IEEE Transactions on Medical Imaging, 2007, 26, 427-451.	5.4	225
400	Neuroinformatics. Methods in Molecular Biology, 2007, , .	0.4	5
401	A JOINT REGISTRATION AND SEGMENTATION APPROACH TO SKULL STRIPPING. , 2007, , .		28
402	An EEG-based real-time cortical rhythmic activity monitoring system. Physiological Measurement, 2007, 28, 1101-1113.	1.2	17
403	Atlas Renormalization for Improved Brain MR Image Segmentation Across Scanner Platforms. IEEE Transactions on Medical Imaging, 2007, 26, 479-486.	5.4	193
404	Geometrically Accurate Topology-Correction of Cortical Surfaces Using Nonseparating Loops. IEEE Transactions on Medical Imaging, 2007, 26, 518-529.	5.4	848
405	Relationship of fMRI activation to clinical trial memory measures in Alzheimer disease. Neurology, 2007, 69, 1331-1341.	1.5	41
406	Modeling Brain Anatomy with 3D Arrangements of Curves. , 2007, , .		5
407	Cortical Surface Shape Analysis Based on Spherical Wavelets. IEEE Transactions on Medical Imaging, 2007, 26, 582-597.	5.4	87
408	A Geometric Method for Automatic Extraction of Sulcal Fundi. IEEE Transactions on Medical Imaging, 2007, 26, 530-540.	5.4	57
409	Brain Surface Conformal Parameterization Using Riemann Surface Structure. IEEE Transactions on Medical Imaging, 2007, 26, 853-865.	5.4	82
410	What Data to Co-register for Computing Atlases. , 2007, 2007, .		5
411	Genetic Algorithms for Finite Mixture Model Based Voxel Classification in Neuroimaging. IEEE Transactions on Medical Imaging, 2007, 26, 696-711.	5.4	87
412	Entropy-Controlled Quadratic Markov Measure Field Models for Efficient Image Segmentation. IEEE Transactions on Image Processing, 2007, 16, 3047-3057.	6.0	52
413	Abnormal cortical folding patterns within Broca's area in schizophrenia: Evidence from structural MRI. Schizophrenia Research, 2007, 94, 317-327.	1.1	69
414	Determination of hemispheric emotional valence in individual subjects: A new approach with research and therapeutic implications. Behavioral and Brain Functions, 2007, 3, 13.	1.4	32
415	Visual Cortex: Evolution of Maps and Mapping. , 2007, , 423-435.		0
416	Evidence for Reduced Cerebellar Volumes in Trichotillomania. Biological Psychiatry, 2007, 61, 374-381.	0.7	67

#	ARTICLE	IF	CITATIONS
417	Recall of Fear Extinction in Humans Activates the Ventromedial Prefrontal Cortex and Hippocampus in Concert. <i>Biological Psychiatry</i> , 2007, 62, 446-454.	0.7	1,061
418	Magnocellular Projections as the Trigger of Top-Down Facilitation in Recognition. <i>Journal of Neuroscience</i> , 2007, 27, 13232-13240.	1.7	370
419	A Preference for Contralateral Stimuli in Human Object- and Face-Selective Cortex. <i>PLoS ONE</i> , 2007, 2, e574.	1.1	145
420	Sulcal thickness as a vulnerability indicator for schizophrenia. <i>British Journal of Psychiatry</i> , 2007, 191, 229-233.	1.7	42
421	Remapping in Human Visual Cortex. <i>Journal of Neurophysiology</i> , 2007, 97, 1738-1755.	0.9	165
422	Somatosensory cortical plasticity in carpal tunnel syndrome treated by acupuncture. <i>Human Brain Mapping</i> , 2007, 28, 159-171.	1.9	117
423	Spatiotemporal analysis of the cortical sources of the steady-state visual evoked potential. <i>Human Brain Mapping</i> , 2007, 28, 323-334.	1.9	269
424	Spatiotemporal cortical dynamics underlying abstract and concrete word reading. <i>Human Brain Mapping</i> , 2007, 28, 355-362.	1.9	64
425	Abnormal activation of the social brain during face perception in autism. <i>Human Brain Mapping</i> , 2007, 28, 441-449.	1.9	257
426	A technique for the deidentification of structural brain MR images. <i>Human Brain Mapping</i> , 2007, 28, 892-903.	1.9	124
427	Bayesian inverse analysis of neuromagnetic data using cortically constrained multiple dipoles. <i>Human Brain Mapping</i> , 2007, 28, 979-994.	1.9	16
428	Cognitive function, P3a/P3b brain potentials, and cortical thickness in aging. <i>Human Brain Mapping</i> , 2007, 28, 1098-1116.	1.9	51
429	Prefrontal-hippocampal-fusiform activity during encoding predicts intraindividual differences in free recall ability: An event-related functional-anatomic MRI study. <i>Hippocampus</i> , 2007, 17, 1060-1070.	0.9	83
430	Statistical morphological skull stripping of adult and infant MRI data. <i>Computers in Biology and Medicine</i> , 2007, 37, 342-357.	3.9	50
431	Least-square conformal brain mapping with spring energy. <i>Computerized Medical Imaging and Graphics</i> , 2007, 31, 656-664.	3.5	6
432	Changes in Cerebral Cortex of Children Treated for Medulloblastoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007, 68, 992-998.	0.4	36
433	Improving the resolution of functional brain imaging: analyzing functional data in anatomical space. <i>Magnetic Resonance Imaging</i> , 2007, 25, 1070-1078.	1.0	27
434	Spatial resolution of EEG cortical source imaging revealed by localization of retinotopic organization in human primary visual cortex. <i>Journal of Neuroscience Methods</i> , 2007, 161, 142-154.	1.3	48



#	ARTICLE	IF	CITATIONS
435	Cortical electrode localization from X-rays and simple mapping for electrocorticographic research: The "Location on Cortex"(LOC) package for MATLAB. Journal of Neuroscience Methods, 2007, 162, 303-308.	1.3	101
436	Retinotopic maps and foveal suppression in the visual cortex of amblyopic adults. Journal of Physiology, 2007, 583, 159-173.	1.3	42
437	Migraine Aura and Related Phenomena: Beyond Scotomata and Scintillations. Cephalalgia, 2007, 27, 1368-1377.	1.8	120
438	MindSeer: a portable and extensible tool for visualization of structural and functional neuroimaging data. BMC Bioinformatics, 2007, 8, 389.	1.2	13
439	White matter volume predicts reaction time instability. Neuropsychologia, 2007, 45, 2277-2284.	0.7	101
440	Effects of phonological contrast on auditory word discrimination in children with and without reading disability: A magnetoencephalography (MEG) study. Neuropsychologia, 2007, 45, 3251-3262.	0.7	34
441	Precise Estimation of Brain Electrical Sources Using Anatomically Constrained Area Source (ACAS) Localization. IEEE Transactions on Magnetics, 2007, 43, 1713-1716.	1.2	9
442	fMRI responses in medial frontal cortex that depend on the temporal frequency of visual input. Experimental Brain Research, 2007, 180, 677-691.	0.7	58
443	Cortical atrophy is relevant in multiple sclerosis at clinical onset. Journal of Neurology, 2007, 254, 1212-1220.	1.8	208
444	Feasibility of Multi-site Clinical Structural Neuroimaging Studies of Aging Using Legacy Data. Neuroinformatics, 2007, 5, 235-245.	1.5	103
445	Dealing with mismatched fMRI activations in fMRI constrained EEG cortical source imaging: a simulation study assuming various mismatch types. Medical and Biological Engineering and Computing, 2007, 45, 79-90.	1.6	8
446	Active Contours Under Topology Control "Genus Preserving Level Sets. International Journal of Computer Vision, 2008, 79, 107-117.	10.9	46
447	Shape analysis for automated sulcal classification and parcellation of MRI data. Journal of Combinatorial Optimization, 2008, 15, 257-275.	0.8	9
448	Focal reversible deactivation of cerebral metabolism affects water diffusion. Magnetic Resonance in Medicine, 2008, 60, 1178-1189.	1.9	14
449	A methodology for analyzing curvature in the developing brain from preterm to adult. International Journal of Imaging Systems and Technology, 2008, 18, 42-68.	2.7	127
450	Variability of the paracingulate sulcus and morphometry of the medial frontal cortex: Associations with cortical thickness, surface area, volume, and sulcal depth. Human Brain Mapping, 2008, 29, 222-236.	1.9	106
451	Surface-based morphometry of the anterior cingulate cortex in first episode schizophrenia. Human Brain Mapping, 2008, 29, 478-489.	1.9	107
452	Task and semantic relationship influence both the polarity and localization of hemodynamic modulation during lexico-semantic processing. Human Brain Mapping, 2008, 29, 544-561.	1.9	44

#	ARTICLE	IF	CITATIONS
453	Effects of registration regularization and atlas sharpness on segmentation accuracy. <i>Medical Image Analysis</i> , 2008, 12, 603-615.	7.0	82
454	A robust and accurate algorithm for estimating the complexity of the cortical surface. <i>Journal of Neuroscience Methods</i> , 2008, 172, 122-130.	1.3	30
455	Automated MRI parcellation study of regional volume and thickness of prefrontal cortex (PFC) in antipsychotic-naïve schizophrenia. <i>Acta Psychiatrica Scandinavica</i> , 2008, 117, 420-431.	2.2	94
456	Regional neocortical thinning in mesial temporal lobe epilepsy. <i>Epilepsia</i> , 2008, 49, 794-803.	2.6	159
457	Illustrative Hybrid Visualization and Exploration of Anatomical and Functional Brain Data. <i>Computer Graphics Forum</i> , 2008, 27, 855-862.	1.8	14
458	A Surface-Based Approach to Quantify Local Cortical Gyrfication. <i>IEEE Transactions on Medical Imaging</i> , 2008, 27, 161-170.	5.4	470
459	Hamilton's Jacobi Skeleton on Cortical Surfaces. <i>IEEE Transactions on Medical Imaging</i> , 2008, 27, 664-673.	5.4	42
460	Tensor-Based Cortical Surface Morphometry via Weighted Spherical Harmonic Representation. <i>IEEE Transactions on Medical Imaging</i> , 2008, 27, 1143-1151.	5.4	124
461	A Geometry-Driven Optical Flow Warping for Spatial Normalization of Cortical Surfaces. <i>IEEE Transactions on Medical Imaging</i> , 2008, 27, 1739-1753.	5.4	32
462	Reorganization of visual processing in macular degeneration: Replication and clues about the role of foveal loss. <i>Vision Research</i> , 2008, 48, 1910-1919.	0.7	117
463	The reconstruction and application of virtual Chinese human female. <i>Computer Methods and Programs in Biomedicine</i> , 2008, 92, 249-256.	2.6	28
464	Anatomical abnormalities of the anterior cingulate and paracingulate cortex in patients with bipolar I disorder. <i>Psychiatry Research - Neuroimaging</i> , 2008, 162, 123-132.	0.9	70
465	Investigating possible subtypes of schizophrenia patients and controls based on brain cortical thickness. <i>Psychiatry Research - Neuroimaging</i> , 2008, 164, 254-264.	0.9	8
466	Regional thinning of the cerebral cortex in schizophrenia: Effects of diagnosis, age and antipsychotic medication. <i>Schizophrenia Research</i> , 2008, 98, 16-28.	1.1	202
467	Cingulate gyrus neuroanatomy in schizophrenia subjects and their non-psychotic siblings. <i>Schizophrenia Research</i> , 2008, 104, 61-70.	1.1	54
468	Anisotropy Induced by Macroscopic Boundaries: Surface-Normal Mapping using Diffusion-Weighted Imaging. <i>Biophysical Journal</i> , 2008, 94, 2809-2818.	0.2	24
469	Heritability of Brain Morphology Related to Schizophrenia: A Large-Scale Automated Magnetic Resonance Imaging Segmentation Study. <i>Biological Psychiatry</i> , 2008, 63, 475-483.	0.7	134
470	Basal Ganglia Shape Abnormalities in the Unaffected Siblings of Schizophrenia Patients. <i>Biological Psychiatry</i> , 2008, 64, 111-120.	0.7	66

#	ARTICLE	IF	CITATIONS
471	Functional Magnetic Resonance Imaging Reveals Neuroanatomical Dissociations During Semantic Integration in Schizophrenia. <i>Biological Psychiatry</i> , 2008, 64, 407-418.	0.7	49
472	Anatomic Abnormalities of the Anterior Cingulate Cortex Before Psychosis Onset: An MRI Study of Ultra-High-Risk Individuals. <i>Biological Psychiatry</i> , 2008, 64, 758-765.	0.7	169
473	Evaluation of hierarchical Bayesian method through retinotopic brain activities reconstruction from fMRI and MEG signals. <i>NeuroImage</i> , 2008, 42, 1397-1413.	2.1	73
475	Accelerated age-related cortical thinning in healthy carriers of apolipoprotein E $\epsilon$ 4. <i>Neurobiology of Aging</i> , 2008, 29, 329-340.	1.5	125
476	Different Dynamics of Performance and Brain Activation in the Time Course of Perceptual Learning. <i>Neuron</i> , 2008, 57, 827-833.	3.8	280
477	Functional MRI of oropharyngeal air-pulse stimulation. <i>Neuroscience</i> , 2008, 153, 1300-1308.	1.1	79
478	Acupuncture modulates resting state connectivity in default and sensorimotor brain networks. <i>Pain</i> , 2008, 136, 407-418.	2.0	262
479	A Distributed Spatio-temporal EEG/MEG Inverse Solver. <i>Lecture Notes in Computer Science</i> , 2008, 11, 26-34.	1.0	6
480	Pointing with the eyes: The role of gaze in communicating danger. <i>Brain and Cognition</i> , 2008, 68, 1-8.	0.8	117
481	Training-induced structural changes in the adult human brain. <i>Behavioural Brain Research</i> , 2008, 192, 137-142.	1.2	362
482	Task-dependent and task-independent neurovascular responses to syntactic processing. <i>Cortex</i> , 2008, 44, 257-275.	1.1	94
483	Detection of cortical thickness correlates of cognitive performance: Reliability across MRI scan sessions, scanners, and field strengths. <i>NeuroImage</i> , 2008, 39, 10-18.	2.1	260
484	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
485	Structural damage to the corticospinal tract correlates with bilateral sensorimotor cortex reorganization in stroke patients. <i>NeuroImage</i> , 2008, 39, 1370-1382.	2.1	112
486	Neuroanatomical distinctions within the semantic system during sentence comprehension: Evidence from functional magnetic resonance imaging. <i>NeuroImage</i> , 2008, 40, 367-388.	2.1	101
487	Accurate prediction of V1 location from cortical folds in a surface coordinate system. <i>NeuroImage</i> , 2008, 39, 1585-1599.	2.1	221
488	SENSE factors for reliable cortical thickness measurement. <i>NeuroImage</i> , 2008, 40, 187-196.	2.1	12
489	Brain morphometry with multiecho MPRAGE. <i>NeuroImage</i> , 2008, 40, 559-569.	2.1	512

#	ARTICLE	IF	CITATIONS
490	Head movements of children in MEG: Quantification, effects on source estimation, and compensation. <i>NeuroImage</i> , 2008, 40, 541-550.	2.1	73
491	Reconstruction of central cortical surface from brain MRI images: Method and application. <i>NeuroImage</i> , 2008, 40, 991-1002.	2.1	84
492	A selective representation of the meaning of actions in the auditory mirror system. <i>NeuroImage</i> , 2008, 40, 1274-1286.	2.1	142
493	Impact of inconsistent resolution on VBM studies. <i>NeuroImage</i> , 2008, 40, 1711-1717.	2.1	13
494	Neocortical reorganization in spina bifida. <i>NeuroImage</i> , 2008, 40, 1516-1522.	2.1	60
495	Objective phonological and subjective perceptual characteristics of syllables modulate spatiotemporal patterns of superior temporal gyrus activity. <i>NeuroImage</i> , 2008, 40, 1888-1901.	2.1	12
496	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
497	Thinner prefrontal cortex in veterans with posttraumatic stress disorder. <i>NeuroImage</i> , 2008, 41, 675-681.	2.1	137
498	Detection of focal changes in human cortical thickness: Spherical wavelets versus Gaussian smoothing. <i>NeuroImage</i> , 2008, 41, 1278-1292.	2.1	48
499	Reduced cortical thickness in hippocampal subregions among cognitively normal apolipoprotein E e4 carriers. <i>NeuroImage</i> , 2008, 41, 1177-1183.	2.1	193
500	Event-related single-shot volumetric functional magnetic resonance inverse imaging of visual processing. <i>NeuroImage</i> , 2008, 42, 230-247.	2.1	45
501	Provenance in neuroimaging. <i>NeuroImage</i> , 2008, 42, 178-195.	2.1	66
502	Multi-structure network shape analysis via normal surface momentum maps. <i>NeuroImage</i> , 2008, 42, 1430-1438.	2.1	92
503	Mapping limbic network organization in temporal lobe epilepsy using morphometric correlations: Insights on the relation between mesiotemporal connectivity and cortical atrophy. <i>NeuroImage</i> , 2008, 42, 515-524.	2.1	174
504	A non-invasive method to relate the timing of neural activity to white matter microstructural integrity. <i>NeuroImage</i> , 2008, 42, 710-716.	2.1	39
505	Neural correlates of novelty and face age effects in young and elderly adults. <i>NeuroImage</i> , 2008, 42, 956-968.	2.1	85
506	Quantification of the benefit from integrating MEG and EEG data in minimum $\ell_2$ -norm estimation. <i>NeuroImage</i> , 2008, 42, 1069-1077.	2.1	172
507	The relationship between diffusion tensor imaging and volumetry as measures of white matter properties. <i>NeuroImage</i> , 2008, 42, 1654-1668.	2.1	136

#	ARTICLE	IF	CITATIONS
508	Linear constraint minimum variance beamformer functional magnetic resonance inverse imaging. <i>NeuroImage</i> , 2008, 43, 297-311.	2.1	35
509	Lexical influences on speech perception: A Granger causality analysis of MEG and EEG source estimates. <i>NeuroImage</i> , 2008, 43, 614-623.	2.1	153
510	Evidence for abnormalities of cortical development in adolescent-onset schizophrenia. <i>NeuroImage</i> , 2008, 43, 665-675.	2.1	132
511	Magnetic sources of the M50 response are localized to frontal cortex. <i>Clinical Neurophysiology</i> , 2008, 119, 388-398.	0.7	39
512	Brain Atrophy Assessment in Multiple Sclerosis: Importance and Limitations. <i>Neuroimaging Clinics of North America</i> , 2008, 18, 675-686.	0.5	68
513	Neural consequences of religious belief on self-referential processing. <i>Social Neuroscience</i> , 2008, 3, 1-15.	0.7	149
514	Brain Size and Folding of the Human Cerebral Cortex. <i>Cerebral Cortex</i> , 2008, 18, 2352-2357.	1.6	209
515	fMRI mapping of a morphed continuum of 3D shapes within inferior temporal cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 3605-3609.	3.3	22
516	Combining MRI and VEP imaging to isolate the temporal response of visual cortical areas. , 2008, , .		2
517	Enhanced Cortical Activation in the Contralesional Hemisphere of Chronic Stroke Patients in Response to Motor Skill Challenge. <i>Cerebral Cortex</i> , 2008, 18, 638-647.	1.6	108
518	Cortical Folding Patterns and Predicting Cytoarchitecture. <i>Cerebral Cortex</i> , 2008, 18, 1973-1980.	1.6	691
519	MRI measures of temporoparietal regions show differential rates of atrophy during prodromal AD. <i>Neurology</i> , 2008, 71, 819-825.	1.5	84
520	Reduced error-related activation in two anterior cingulate circuits is related to impaired performance in schizophrenia. <i>Brain</i> , 2008, 131, 971-986.	3.7	118
521	Response monitoring, repetitive behaviour and anterior cingulate abnormalities in autism spectrum disorders (ASD). <i>Brain</i> , 2008, 131, 2464-2478.	3.7	320
522	Preliminary Evidence for Sensitive Periods in the Effect of Childhood Sexual Abuse on Regional Brain Development. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2008, 20, 292-301.	0.9	574
523	Mapping the primary motor cortex in healthy subjects and patients with peri-rolandic brain lesions before neurosurgery. <i>Neurological Research</i> , 2008, 30, 968-973.	0.6	9
524	SHORT COMMUNICATION: Diffuse Changes in Cortical Thickness in Pediatric Moderate-to-Severe Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2008, 25, 1343-1345.	1.7	90
525	Simple Dual Tasking Recruits Prefrontal Cortices in Chronic Severe Traumatic Brain Injury Patients, But Not in Controls. <i>Journal of Neurotrauma</i> , 2008, 25, 1057-1070.	1.7	30

#	ARTICLE	IF	CITATIONS
526	Evaluation of Five Algorithms for Mapping Brain Cortical Surfaces. , 2008, , .		8
527	Spatiotemporal Mapping the Neural Correlates of Acupuncture with MEG. Journal of Alternative and Complementary Medicine, 2008, 14, 679-688.	2.1	15
528	Magnocellular Pathway Impairment in Schizophrenia: Evidence from Functional Magnetic Resonance Imaging. Journal of Neuroscience, 2008, 28, 7492-7500.	1.7	183
529	Perception of emotional expressions is independent of face selectivity in monkey inferior temporal cortex. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 5591-5596.	3.3	111
531	From local to global: Cortical dynamics of contour integration. Journal of Vision, 2008, 8, 15.	0.1	31
532	Scenes Unseen: The Parahippocampal Cortex Intrinsically Subscribes Contextual Associations, Not Scenes or Places Per Se. Journal of Neuroscience, 2008, 28, 8539-8544.	1.7	221
533	Retinotopy and Attention in Human Occipital, Temporal, Parietal, and Frontal Cortex. Cerebral Cortex, 2008, 18, 2158-2168.	1.6	177
534	Digit Somatotopy within Cortical Areas of the Postcentral Gyrus in Humans. Cerebral Cortex, 2008, 18, 2341-2351.	1.6	125
535	Surface-Based Texture and Morphological Analysis Detects Subtle Cortical Dysplasia. Lecture Notes in Computer Science, 2008, 11, 645-652.	1.0	34
536	Complex Organization of Human Primary Motor Cortex: A High-Resolution fMRI Study. Journal of Neurophysiology, 2008, 100, 1800-1812.	0.9	248
537	Mapping the Structural Core of Human Cerebral Cortex. PLoS Biology, 2008, 6, e159.	2.6	3,556
538	A Stable Topography of Selectivity for Unfamiliar Shape Classes in Monkey Inferior Temporal Cortex. Cerebral Cortex, 2008, 18, 1676-1694.	1.6	78
539	Morphometric Changes in the Episodic Memory Network and Tau Pathologic Features Correlate with Memory Performance in Patients with Mild Cognitive Impairment. American Journal of Neuroradiology, 2008, 29, 1183-1189.	1.2	49
540	Cortical Flattening Applied to High-Resolution 18F-FDG PET. Journal of Nuclear Medicine, 2008, 49, 44-49.	2.8	3
541	A Genetic Model for Understanding Higher Order Visual Processing: Functional Interactions of the Ventral Visual Stream in Williams Syndrome. Cerebral Cortex, 2008, 18, 2402-2409.	1.6	37
542	The Cortical Underpinnings of Context-based Memory Distortion. Journal of Cognitive Neuroscience, 2008, 20, 2226-2237.	1.1	46
543	Automatic and Adaptive Brain Morphometry on MR Images. Radiographics, 2008, 28, 345-356.	1.4	3
544	Geometric invariants for classification of cortical sulci. , 2008, , .		0

#	ARTICLE	IF	CITATIONS
545	Cortical correspondence using entropy-based particle systems and local features. , 2008, , .		23
547	A Neuroimaging Study of Premotor Lateralization and Cerebellar Involvement in the Production of Phonemes and Syllables. Journal of Speech, Language, and Hearing Research, 2008, 51, 1183-1202.	0.7	140
548	Aberrant spatiotemporal activation profiles associated with math difficulties in children: A magnetic source imaging study.. Neuropsychology, 2008, 22, 571-584.	1.0	17
549	Brain-derived neurotrophic factor polymorphisms and frontal cortex morphology in schizophrenia. Psychiatric Genetics, 2008, 18, 177-183.	0.6	27
550	Locating the source of topological error in reconstructed 3D models. , 2008, , .		0
551	Interactive and Intelligent Approach for Brain Extraction from High-Resolution Volumetric MR Neuroimages. , 2008, , .		0
552	Spatiotemporal Patterns of Brain Activation During an Action Naming Task Using Magnetoencephalography. Journal of Clinical Neurophysiology, 2008, 25, 7-12.	0.9	21
553	Substance Use Disorders in Adolescence. , 2008, , 166-180.		0
554	fMRI measurements of color in macaque and human. Journal of Vision, 2008, 8, 6-6.	0.1	68
555	Evidence of Developmental Alterations in Cortical and Subcortical Regions of Children With Attention-Deficit/Hyperactivity Disorder. Archives of General Psychiatry, 2008, 65, 1419.	13.8	35
556	Automatic Brain Segmentation in Time-of-Flight MRA Images. Methods of Information in Medicine, 2009, 48, 399-407.	0.7	31
558	Object Representations in the Temporal Cortex of Monkeys and Humans as Revealed by Functional Magnetic Resonance Imaging. Journal of Neurophysiology, 2009, 101, 688-700.	0.9	164
559	Fully-Automated Volumetric MRI with Normative Ranges: Translation to Clinical Practice. Behavioural Neurology, 2009, 21, 21-28.	1.1	101
560	Bio-Swarm-Pipeline (BSP): A light-weight, extensible batch processing system for efficient biomedical data processing. Frontiers in Neuroinformatics, 2009, 3, 35.	1.3	4
561	Apotemnophilia - the Neurological Basis of a 'Psychological' Disorder. Nature Precedings, 2009, , .	0.1	7
562	Visual field representation and location of visual area V1 in human visual cortex by functional MRI. , 2009, , .		0
563	Orientation Discrimination Performance Is Predicted by GABA Concentration and Gamma Oscillation Frequency in Human Primary Visual Cortex. Journal of Neuroscience, 2009, 29, 15721-15726.	1.7	304
564	Multi-structure whole brain registration and population average. , 2009, 2009, 5797-800.		2

#	ARTICLE	IF	CITATIONS
565	MEG and fMRI for nonlinear estimation of neural activity. , 2009, , .		0
566	Relationships between essential cortical language sites and subcortical pathways. Journal of Neurosurgery, 2009, 111, 755-766.	0.9	48
567	Component analysis approach to estimation of tissue intensity distributions of 3D images. , 2009, , .		2
568	Label set perturbation for MRF based neuroimaging segmentation. , 2009, , .		5
569	Automated reconstruction of the cerebral cortex in multiple sclerosis patients. , 2009, , .		2
570	One-Year Brain Atrophy Evident in Healthy Aging. Journal of Neuroscience, 2009, 29, 15223-15231.	1.7	561
571	Resting GABA concentration predicts peak gamma frequency and fMRI amplitude in response to visual stimulation in humans. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 8356-8361.	3.3	503
572	Modulation of the Contrast Response Function by Electrical Microstimulation of the Macaque Frontal Eye Field. Journal of Neuroscience, 2009, 29, 10683-10694.	1.7	68
573	Neural Priming in Human Frontal Cortex: Multiple Forms of Learning Reduce Demands on the Prefrontal Executive System. Journal of Cognitive Neuroscience, 2009, 21, 1766-1781.	1.1	115
574	Neural dynamics of 3-D object perception assessed by combined MEG/fMRI imaging technique. , 2009, , .		1
575	Shape analysis with multivariate tensor-based morphometry and holomorphic differentials. , 2009, , .		0
576	Heterogeneity in Subcortical Brain Development: A Structural Magnetic Resonance Imaging Study of Brain Maturation from 8 to 30 Years. Journal of Neuroscience, 2009, 29, 11772-11782.	1.7	423
577	Thick Visual Cortex in the Early Blind. Journal of Neuroscience, 2009, 29, 2205-2211.	1.7	178
578	Tuning in to the Voices: A Multisite fMRI Study of Auditory Hallucinations. Schizophrenia Bulletin, 2009, 35, 58-66.	2.3	100
579	Neural Representations of Faces and Body Parts in Macaque and Human Cortex: A Comparative fMRI Study. Journal of Neurophysiology, 2009, 101, 2581-2600.	0.9	299
580	Retinotopic Organization of Human Ventral Visual Cortex. Journal of Neuroscience, 2009, 29, 10638-10652.	1.7	305
581	Representation of Cross-Frequency Spatial Phase Relationships in Human Visual Cortex. Journal of Neuroscience, 2009, 29, 14342-14351.	1.7	45
582	Mini-Mental State Examination Is Sensitive to Brain Atrophy in Alzheimer's Disease. Dementia and Geriatric Cognitive Disorders, 2009, 28, 252-258.	0.7	38



#	ARTICLE	IF	CITATIONS
583	Patterns of Cortical Thickness according to APOE Genotype in Alzheimer's Disease. <i>Dementia and Geriatric Cognitive Disorders</i> , 2009, 28, 461-470.	0.7	38
584	Aberrant Frontoparietal Function during Recognition Memory in Schizophrenia: A Multimodal Neuroimaging Investigation. <i>Journal of Neuroscience</i> , 2009, 29, 11347-11359.	1.7	17
585	Prefrontal Plasticity and Stress Inoculation-Induced Resilience. <i>Developmental Neuroscience</i> , 2009, 31, 293-299.	1.0	72
586	Regionally Specific Cortical Thinning in Children with Sickle Cell Disease. <i>Cerebral Cortex</i> , 2009, 19, 1549-1556.	1.6	39
587	Anterior cingulate cortex abnormalities associated with a first psychotic episode in bipolar disorder. <i>British Journal of Psychiatry</i> , 2009, 194, 426-433.	1.7	59
588	Temporoparietal MR Imaging Measures of Atrophy in Subjects with Mild Cognitive Impairment That Predict Subsequent Diagnosis of Alzheimer Disease. <i>American Journal of Neuroradiology</i> , 2009, 30, 532-538.	1.2	81
589	Alterations in Cortical Thickness and White Matter Integrity in Mild Cognitive Impairment Measured by Whole-Brain Cortical Thickness Mapping and Diffusion Tensor Imaging. <i>American Journal of Neuroradiology</i> , 2009, 30, 893-899.	1.2	133
590	Integrated Imaging Approach with MEG and DTI to Detect Mild Traumatic Brain Injury in Military and Civilian Patients. <i>Journal of Neurotrauma</i> , 2009, 26, 1213-1226.	1.7	194
591	Automated MRI measures identify individuals with mild cognitive impairment and Alzheimer's disease. <i>Brain</i> , 2009, 132, 2048-2057.	3.7	341
592	Alzheimer Disease: Quantitative Structural Neuroimaging for Detection and Prediction of Clinical and Structural Changes in Mild Cognitive Impairment. <i>Radiology</i> , 2009, 251, 195-205.	3.6	293
593	Microscale recording from human motor cortex: implications for minimally invasive electrocorticographic brain-computer interfaces. <i>Neurosurgical Focus</i> , 2009, 27, E10.	1.0	130
594	Patterns of cortical thinning in the language variants of frontotemporal lobar degeneration. <i>Neurology</i> , 2009, 72, 1562-1569.	1.5	241
595	Conflict monitoring in early frontotemporal dementia. <i>Neurology</i> , 2009, 73, 349-355.	1.5	39
596	Episodic memory loss is related to hippocampal-mediated $\beta$ -amyloid deposition in elderly subjects. <i>Brain</i> , 2009, 132, 1310-1323.	3.7	596
597	Baseline MRI Predictors of Conversion from MCI to Probable AD in the ADNI Cohort. <i>Current Alzheimer Research</i> , 2009, 6, 347-361.	0.7	484
598	Distinct Genetic Influences on Cortical Surface Area and Cortical Thickness. <i>Cerebral Cortex</i> , 2009, 19, 2728-2735.	1.6	1,109
599	Cutting your nerve changes your brain. <i>Brain</i> , 2009, 132, 3122-3133.	3.7	120
600	Brain atrophy in primary lateral sclerosis. <i>Neurology</i> , 2009, 72, 1236-1241.	1.5	33

#	ARTICLE	IF	CITATIONS
601	Widespread Reductions of Cortical Thickness in Schizophrenia and Spectrum Disorders and Evidence of Heritability. Archives of General Psychiatry, 2009, 66, 467.	13.8	235
602	Subregional neuroanatomical change as a biomarker for Alzheimer's disease. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 20954-20959.	3.3	198
603	Imaging studies in congenital anophthalmia reveal preservation of brain architecture in "visual" cortex. Brain, 2009, 132, 3467-3480.	3.7	126
604	The Cortical Signature of Alzheimer's Disease: Regionally Specific Cortical Thinning Relates to Symptom Severity in Very Mild to Mild AD Dementia and is Detectable in Asymptomatic Amyloid-Positive Individuals. Cerebral Cortex, 2009, 19, 497-510.	1.6	861
605	The cortical signature of prodromal AD. Neurology, 2009, 72, 1048-1055.	1.5	254
606	High Consistency of Regional Cortical Thinning in Aging across Multiple Samples. Cerebral Cortex, 2009, 19, 2001-2012.	1.6	580
607	Regional rates of neocortical atrophy from normal aging to early Alzheimer disease. Neurology, 2009, 73, 457-465.	1.5	264
608	Expertise with Artificial Nonspeech Sounds Recruits Speech-Sensitive Cortical Regions. Journal of Neuroscience, 2009, 29, 5234-5239.	1.7	73
609	Reorganization of Visual Processing in Macular Degeneration Is Not Specific to the "Preferred Retinal Locus". Journal of Neuroscience, 2009, 29, 2768-2773.	1.7	101
610	Minute Effects of Sex on the Aging Brain: A Multisample Magnetic Resonance Imaging Study of Healthy Aging and Alzheimer's Disease. Journal of Neuroscience, 2009, 29, 8774-8783.	1.7	111
611	Multiple Parietal Reach Regions in Humans: Cortical Representations for Visual and Proprioceptive Feedback during On-Line Reaching. Journal of Neuroscience, 2009, 29, 2961-2971.	1.7	223
612	Body expressions of emotion do not trigger fear contagion in autism spectrum disorder. Social Cognitive and Affective Neuroscience, 2009, 4, 70-78.	1.5	73
613	Hippocampal volume and declarative memory function in combat-related PTSD. Journal of the International Neuropsychological Society, 2009, 15, 830-839.	1.2	36
614	Smaller Global and Regional Cortical Volume in Combat-Related Posttraumatic Stress Disorder. Archives of General Psychiatry, 2009, 66, 1373.	13.8	86
615	Intracranial EEG Reveals a Time- and Frequency-Specific Role for the Right Inferior Frontal Gyrus and Primary Motor Cortex in Stopping Initiated Responses. Journal of Neuroscience, 2009, 29, 12675-12685.	1.7	404
616	White matter "potholes" in early-onset schizophrenia: A new approach to evaluate white matter microstructure using diffusion tensor imaging. Psychiatry Research - Neuroimaging, 2009, 174, 110-115.	0.9	68
617	Normal metabolite levels in the left dorsolateral prefrontal cortex of unmedicated major depressive disorder patients: A single voxel 1H spectroscopy study. Psychiatry Research - Neuroimaging, 2009, 174, 177-183.	0.9	62
618	Cerebral cortical thickness and a history of obstetric complications in schizophrenia. Journal of Psychiatric Research, 2009, 43, 1287-1293.	1.5	25

#	ARTICLE	IF	CITATIONS
619	Combined Volumetric and Surface Registration. IEEE Transactions on Medical Imaging, 2009, 28, 508-522.	5.4	144
620	A Spatiotemporal Framework for Estimating Trial-to-Trial Amplitude Variation in Event-Related MEG/EEG. IEEE Transactions on Biomedical Engineering, 2009, 56, 633-645.	2.5	23
621	Neuroimaging of Language: Why Hasn't a Clearer Picture Emerged?. Language and Linguistics Compass, 2009, 3, 839-865.	1.3	83
622	Articulatory mediation of speech perception: A causal analysis of multi-modal imaging data. Cognition, 2009, 110, 222-236.	1.1	34
623	Gestures Orchestrate Brain Networks for Language Understanding. Current Biology, 2009, 19, 661-667.	1.8	109
624	Advancing Fetal Brain MRI: Targets for the Future. Seminars in Perinatology, 2009, 33, 289-298.	1.1	41
625	Digit-specific aberrations in the primary somatosensory cortex in Writer's cramp. Annals of Neurology, 2009, 66, 146-154.	2.8	117
626	Abnormal cerebral cortex structure in children with ADHD. Human Brain Mapping, 2009, 30, 175-184.	1.9	146
627	Segmentally arranged somatotopy within the face representation of human primary somatosensory cortex. Human Brain Mapping, 2009, 30, 757-765.	1.9	54
628	Automatic fMRI-guided MEG multidipole localization for visual responses. Human Brain Mapping, 2009, 30, 1087-1099.	1.9	24
629	Mapping the signal-to-noise ratios of cortical sources in magnetoencephalography and electroencephalography. Human Brain Mapping, 2009, 30, 1077-1086.	1.9	241
630	Source estimates for MEG/EEG visual evoked responses constrained by multiple, retinotopically mapped stimulus locations. Human Brain Mapping, 2009, 30, 1290-1309.	1.9	52
631	Evaluation of automated brain MR image segmentation and volumetry methods. Human Brain Mapping, 2009, 30, 1310-1327.	1.9	186
632	Patterns of structural complexity in Alzheimer's disease and frontotemporal dementia. Human Brain Mapping, 2009, 30, 1667-1677.	1.9	9
633	Functional decoupling of BOLD and gamma-band amplitudes in human primary visual cortex. Human Brain Mapping, 2009, 30, 2000-2007.	1.9	55
634	Functional brain imaging of swallowing: An activation likelihood estimation meta-analysis. Human Brain Mapping, 2009, 30, 2426-2439.	1.9	131
635	Structural MRI biomarkers for preclinical and mild Alzheimer's disease. Human Brain Mapping, 2009, 30, 3238-3253.	1.9	201
636	Co-speech gestures influence neural activity in brain regions associated with processing semantic information. Human Brain Mapping, 2009, 30, 3509-3526.	1.9	170

#	ARTICLE	IF	CITATIONS
637	Comparing MEG and fMRI views to naming actions and objects. <i>Human Brain Mapping</i> , 2009, 30, 1845-1856.	1.9	96
638	Facial expressions of pain modulate observer's long-latency responses in superior temporal sulcus. <i>Human Brain Mapping</i> , 2009, 30, 3910-3923.	1.9	8
639	Cancellation of EEG and MEG signals generated by extended and distributed sources. <i>Human Brain Mapping</i> , 2010, 31, 140-149.	1.9	111
640	Dissecting structure-function interactions in acute optic neuritis to investigate neuroplasticity. <i>Human Brain Mapping</i> , 2010, 31, 276-286.	1.9	34
641	Neuroanatomy of creativity. <i>Human Brain Mapping</i> , 2010, 31, 398-409.	1.9	261
642	Primary and multisensory cortical activity is correlated with audiovisual percepts. <i>Human Brain Mapping</i> , 2010, 31, 526-538.	1.9	72
643	Parametric surface modeling and registration for comparison of manual and automated segmentation of the hippocampus. <i>Hippocampus</i> , 2009, 19, 588-595.	0.9	32
644	Imaging the relationship between structure, function and behaviour in the human brain. <i>Brain Structure and Function</i> , 2009, 213, 499-500.	1.2	8
645	A fast, model-independent method for cerebral cortical thickness estimation using MRI. <i>Medical Image Analysis</i> , 2009, 13, 269-285.	7.0	31
646	Characterization of Atrophic Changes in the Cerebral Cortex Using Fractal Dimensional Analysis. <i>Brain Imaging and Behavior</i> , 2009, 3, 154-166.	1.1	108
647	A functional polymorphism of the brain derived neurotrophic factor gene and cortical anatomy in autism spectrum disorder. <i>Journal of Neurodevelopmental Disorders</i> , 2009, 1, 215-223.	1.5	37
648	Hippocampal volumes are important predictors for memory function in elderly women. <i>BMC Medical Imaging</i> , 2009, 9, 17.	1.4	89
649	A little more conversation, a little less action – candidate roles for the motor cortex in speech perception. <i>Nature Reviews Neuroscience</i> , 2009, 10, 295-302.	4.9	276
650	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
651	Comparative Reliability of Total Intracranial Volume Estimation Methods and the Influence of Atrophy in a Longitudinal Semantic Dementia Cohort. <i>Journal of Neuroimaging</i> , 2009, 19, 37-46.	1.0	82
652	The neuroanatomy of grapheme-color synesthesia. <i>European Journal of Neuroscience</i> , 2009, 29, 1287-1293.	1.2	100
653	3D surface perception from motion involves a temporal-parietal network. <i>European Journal of Neuroscience</i> , 2009, 30, 703-713.	1.2	42
654	Using MRI to Characterize the Anatomy and Function of the Auditory Cortex in Infancy. <i>Annals of the New York Academy of Sciences</i> , 2009, 1169, 297-307.	1.8	1

#	ARTICLE	IF	CITATIONS
655	Distributed source modeling of language with magnetoencephalography: Application to patients with intractable epilepsy. <i>Epilepsia</i> , 2009, 50, 2256-2266.	2.6	48
656	New directions in clinical imaging of cortical dysplasias. <i>Epilepsia</i> , 2009, 50, 9-18.	2.6	154
657	Involvement of the thalamocortical network in TLE with and without mesiotemporal sclerosis. <i>Epilepsia</i> , 2010, 51, 1436-1445.	2.6	54
658	Alcoholism and Dampened Temporal Limbic Activation to Emotional Faces. <i>Alcoholism: Clinical and Experimental Research</i> , 2009, 33, 1880-1892.	1.4	115
659	Dynamic statistical parametric mapping for analyzing ictal magnetoencephalographic spikes in patients with intractable frontal lobe epilepsy. <i>Epilepsy Research</i> , 2009, 85, 279-286.	0.8	39
660	Biomechanisms for modelling cerebral cortical folding. <i>Medical Image Analysis</i> , 2009, 13, 920-930.	7.0	38
661	Automated voxel-based 3D cortical thickness measurement in a combined Lagrangian-Eulerian PDE approach using partial volume maps. <i>Medical Image Analysis</i> , 2009, 13, 730-743.	7.0	88
662	Semi-automated method for delineation of landmarks on models of the cerebral cortex. <i>Journal of Neuroscience Methods</i> , 2009, 178, 385-392.	1.3	33
663	Accurate and robust extraction of brain regions using a deformable model based on radial basis functions. <i>Journal of Neuroscience Methods</i> , 2009, 183, 255-266.	1.3	26
664	Temporal course of word recognition in skilled readers: A magnetoencephalography study. <i>Behavioural Brain Research</i> , 2009, 197, 45-54.	1.2	18
665	Differential effects of aging and Alzheimer's disease on medial temporal lobe cortical thickness and surface area. <i>Neurobiology of Aging</i> , 2009, 30, 432-440.	1.5	249
666	An MRI-based method for measuring volume, thickness and surface area of entorhinal, perirhinal, and posterior parahippocampal cortex. <i>Neurobiology of Aging</i> , 2009, 30, 420-431.	1.5	56
667	Timing, Timing, Timing: Fast Decoding of Object Information from Intracranial Field Potentials in Human Visual Cortex. <i>Neuron</i> , 2009, 62, 281-290.	3.8	353
668	Neuroanatomical correlates of cognitive phenotypes in temporal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2009, 15, 445-451.	0.9	100
669	The relationship between symptom severity and regional cortical and grey matter volumes in schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2009, 33, 482-490.	2.5	25
670	Database-managed Grid-enabled analysis of neuroimaging data: The CNARI framework. <i>International Journal of Psychophysiology</i> , 2009, 73, 62-72.	0.5	9
671	Effects of Age, Sex, and Independent Life Events on Amygdala and Nucleus Accumbens Volumes in Child Bipolar I Disorder. <i>Biological Psychiatry</i> , 2009, 65, 432-437.	0.7	23
672	Childhood Sexual Abuse Is Associated with Reduced Gray Matter Volume in Visual Cortex of Young Women. <i>Biological Psychiatry</i> , 2009, 66, 642-648.	0.7	167

#	ARTICLE	IF	CITATIONS
673	Gyral and Sulcal Cortical Thinning in Adolescents with First Episode Early-Onset Psychosis. <i>Biological Psychiatry</i> , 2009, 66, 1047-1054.	0.7	45
674	Striatal metabolic alterations in non-psychotic adolescent offspring at risk for schizophrenia: A 1H spectroscopy study. <i>Schizophrenia Research</i> , 2009, 115, 88-93.	1.1	53
675	Deviant trajectories of cortical maturation in 22q11.2 deletion syndrome (22q11DS): A cross-sectional and longitudinal study. <i>Schizophrenia Research</i> , 2009, 115, 182-190.	1.1	112
676	Extent of cerebellum, subcortical and cortical atrophy in patients with MS. <i>Journal of the Neurological Sciences</i> , 2009, 282, 47-54.	0.3	133
677	Perceiving Electrical Stimulation of Identified Human Visual Areas. <i>NeuroImage</i> , 2009, 47, S85.	2.1	1
678	Graph wavelet applied to human brain connectivity. , 2009, , .		2
679	Imaging Structure and Function. , 2009, , 461-480.		3
680	Perceiving electrical stimulation of identified human visual areas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 5389-5393.	3.3	102
681	Detection of motor cortex thinning and corticospinal tract involvement by quantitative MRI in amyotrophic lateral sclerosis. <i>Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders</i> , 2009, 10, 47-52.	2.3	80
682	A distributed spatio-temporal EEG/MEG inverse solver. <i>NeuroImage</i> , 2009, 44, 932-946.	2.1	171
683	Local landmark-based registration for fMRI group studies of nonprimary auditory cortex. <i>NeuroImage</i> , 2009, 44, 145-153.	2.1	14
684	A framework to analyze partial volume effect on gray matter mean diffusivity measurements. <i>NeuroImage</i> , 2009, 44, 136-144.	2.1	33
685	A new method for improving functional-to-structural MRI alignment using local Pearson correlation. <i>NeuroImage</i> , 2009, 44, 839-848.	2.1	368
686	Segmentation of brain magnetic resonance images for measurement of gray matter atrophy in multiple sclerosis patients. <i>NeuroImage</i> , 2009, 44, 769-776.	2.1	80
687	Regional white matter volume differences in nondemented aging and Alzheimer's disease. <i>NeuroImage</i> , 2009, 44, 1247-1258.	2.1	267
688	Reliability of MRI-derived cortical and subcortical morphometric measures: Effects of pulse sequence, voxel geometry, and parallel imaging. <i>NeuroImage</i> , 2009, 44, 1324-1333.	2.1	204
689	The emerging discipline of Computational Functional Anatomy. <i>NeuroImage</i> , 2009, 45, S16-S39.	2.1	67
690	Discrete conformal methods for cortical brain flattening. <i>NeuroImage</i> , 2009, 45, S86-S98.	2.1	53

#	ARTICLE	IF	CITATIONS
691	Multimodal imaging in mild cognitive impairment: Metabolism, morphometry and diffusion of the temporalâ€“parietal memory network. <i>NeuroImage</i> , 2009, 45, 215-223.	2.1	88
692	Fast optical signal not detected in awake behaving monkeys. <i>NeuroImage</i> , 2009, 45, 410-419.	2.1	53
693	Automatic cropping of MRI rat brain volumes using pulse coupled neural networks. <i>NeuroImage</i> , 2009, 45, 845-854.	2.1	35
694	Cortical volumes and atrophy rates in FTD-3 CHMP2B mutation carriers and related non-carriers. <i>NeuroImage</i> , 2009, 45, 713-721.	2.1	28
695	Evaluation of 14 nonlinear deformation algorithms applied to human brain MRI registration. <i>NeuroImage</i> , 2009, 46, 786-802.	2.1	1,988
696	Motion sensitivity of human V6: A magnetoencephalography study. <i>NeuroImage</i> , 2009, 45, 1253-1263.	2.1	19
697	Thalamoâ€“cortical network pathology in idiopathic generalized epilepsy: Insights from MRI-based morphometric correlation analysis. <i>NeuroImage</i> , 2009, 46, 373-381.	2.1	157
698	Widespread neocortical abnormalities in temporal lobe epilepsy with and without mesial sclerosis. <i>NeuroImage</i> , 2009, 46, 353-359.	2.1	119
699	Study of neurovascular coupling in humans via simultaneous magnetoencephalography and diffuse optical imaging acquisition. <i>NeuroImage</i> , 2009, 46, 624-632.	2.1	46
700	Locating the functional and anatomical boundaries of human primary visual cortex. <i>NeuroImage</i> , 2009, 46, 915-922.	2.1	98
701	Automatic cortical sulcal parcellation based on surface principal direction flow field tracking. <i>NeuroImage</i> , 2009, 46, 923-937.	2.1	65
702	Local and covariate-modulated false discovery rates applied in neuroimaging. <i>NeuroImage</i> , 2009, 47, 213-219.	2.1	4
703	Morphological alterations in the congenital blind based on the analysis of cortical thickness and surface area. <i>NeuroImage</i> , 2009, 47, 98-106.	2.1	201
704	Predicting the location of entorhinal cortex from MRI. <i>NeuroImage</i> , 2009, 47, 8-17.	2.1	94
705	Skull stripping based on region growing for magnetic resonance brain images. <i>NeuroImage</i> , 2009, 47, 1394-1407.	2.1	97
706	Automatic segmentation of newborn brain MRI. <i>NeuroImage</i> , 2009, 47, 564-572.	2.1	185
707	Brain encoding of acupuncture sensation â€“ Coupling on-line rating with fMRI. <i>NeuroImage</i> , 2009, 47, 1055-1065.	2.1	110
708	Increased sensitivity to effects of normal aging and Alzheimer's disease on cortical thickness by adjustment for local variability in gray/white contrast: A multi-sample MRI study. <i>NeuroImage</i> , 2009, 47, 1545-1557.	2.1	103

#	ARTICLE	IF	CITATIONS
709	Improvement of brain segmentation accuracy by optimizing non-uniformity correction using N3. <i>NeuroImage</i> , 2009, 48, 73-83.	2.1	83
710	Accurate and robust brain image alignment using boundary-based registration. <i>NeuroImage</i> , 2009, 48, 63-72.	2.1	2,808
711	Age-associated alterations in cortical gray and white matter signal intensity and gray to white matter contrast. <i>NeuroImage</i> , 2009, 48, 21-28.	2.1	245
712	Localization of the syntactic mismatch negativity in the temporal cortex: An MEG study. <i>NeuroImage</i> , 2009, 48, 590-600.	2.1	62
713	Tetrahedral mesh generation from volumetric binary and grayscale images. , 2009, , .		233
714	Neurobiological Basis of Failure to Recall Extinction Memory in Posttraumatic Stress Disorder. <i>Biological Psychiatry</i> , 2009, 66, 1075-1082.	0.7	1,185
715	Brain Imaging of Multiple Sclerosis: the Next 10 Years. <i>Neuroimaging Clinics of North America</i> , 2009, 19, 101-112.	0.5	9
716	High-throughput, Fully Automated Volumetry for Prediction of MMSE and CDR Decline in Mild Cognitive Impairment. <i>Alzheimer Disease and Associated Disorders</i> , 2009, 23, 139-145.	0.6	98
717	Decreased gyrification in major depressive disorder. <i>NeuroReport</i> , 2009, 20, 378-380.	0.6	55
718	The neural basis of perceiving emotional bodily expressions in monkeys. <i>NeuroReport</i> , 2009, 20, 642-646.	0.6	21
719	Sequences of cortical activation for tactile pattern discrimination using magnetoencephalography. <i>NeuroReport</i> , 2009, 20, 941-945.	0.6	6
720	Is there a common underlying mechanism for age-related decline in cortical thickness?. <i>NeuroReport</i> , 2009, 20, 1155-1160.	0.6	16
721	Retinotopically defined primary visual cortex in Williams syndrome. <i>Brain</i> , 2009, 132, 635-644.	3.7	12
722	Brain Structural Abnormalities and Mental Health Sequelae in South Vietnamese Exâ€“Political Detainees Who Survived Traumatic Head Injury and Torture. <i>Archives of General Psychiatry</i> , 2009, 66, 1221.	13.8	69
723	In Vivo Imaging of Autologous Islet Grafts in the Liver and Under the Kidney Capsule in Non-Human Primates. <i>Transplantation</i> , 2009, 87, 1659-1666.	0.5	50
724	Multimodal surface-based morphometry reveals diffuse cortical atrophy in traumatic brain injury.. <i>BMC Medical Imaging</i> , 2009, 9, 20.	1.4	40
725	Mapping gray matter volume and cortical thickness in Alzheimer's disease. , 2010, , .		1
726	Evaluation of the robustness of BrainVISA software on brain sulcus extraction. , 2010, , .		0



#	ARTICLE	IF	CITATIONS
727	Genetic Variation and Neuroimaging Measures in Alzheimer Disease. Archives of Neurology, 2010, 67, 677.	4.9	205
728	Brain structure in movement disorders: a neuroimaging perspective. Current Opinion in Neurology, 2010, 23, 413-419.	1.8	18
729	General associative learning shapes the plasticity of the visual word form area. NeuroReport, 2010, 21, 333-337.	0.6	5
730	Brain Retraction and Thickness of Cerebral Neocortex. Operative Neurosurgery, 2010, 67, ons277-ons282.	0.4	8
731	Neuroanatomical Characteristics and Speech Perception in Noise in Older Adults. Ear and Hearing, 2010, 31, 471-479.	1.0	160
732	Regionally Selective Atrophy After Traumatic Axonal Injury. Archives of Neurology, 2010, 67, 1336-44.	4.9	128
733	Combining MRI and MRS to Distinguish Between Alzheimer's Disease and Healthy Controls. Journal of Alzheimer's Disease, 2010, 22, 171-181.	1.2	30
734	Structural abnormalities in gyri of the prefrontal cortex in individuals with schizophrenia and their unaffected siblings. British Journal of Psychiatry, 2010, 196, 150-157.	1.7	72
735	Cortical Gray Matter in Attention-Deficit/Hyperactivity Disorder. Journal of the American Academy of Child and Adolescent Psychiatry, 2010, 49, 229-238.	0.3	21
736	Structural Differences in Adult Orbital and Ventromedial Prefrontal Cortex Predicted by Infant Temperament at 4 Months of Age. Archives of General Psychiatry, 2010, 67, 78.	13.8	73
737	Cortical gray matter atrophy in healthy aging cannot be explained by undetected incipient cognitive disorders: A comment on Burgmans et al. (2009).. Neuropsychology, 2010, 24, 258-263.	1.0	26
738	Reduced Cortical Folding in Mental Retardation. American Journal of Neuroradiology, 2010, 31, 1063-1067.	1.2	42
739	Differential human brain activation by vertical and horizontal global visual textures. Experimental Brain Research, 2010, 202, 669-679.	0.7	17
740	Computational analysis of cerebral cortex. Neuroradiology, 2010, 52, 691-698.	1.1	32
741	An automated pipeline for cortical sulcal fundi extraction. Medical Image Analysis, 2010, 14, 343-359.	7.0	44
742	Automatic cerebral and cerebellar hemisphere segmentation in 3D MRI: Adaptive disconnection algorithm. Medical Image Analysis, 2010, 14, 360-372.	7.0	26
743	Sporadic corticobasal syndrome due to FTLT-DTP. Acta Neuropathologica, 2010, 119, 365-374.	3.9	59
744	Psychopathological correlates of the entorhinal cortical shape in schizophrenia. European Archives of Psychiatry and Clinical Neuroscience, 2010, 260, 351-358.	1.8	20

#	ARTICLE	IF	CITATIONS
745	WebParc: a tool for analysis of the topography and volume of stroke from MRI. <i>Medical and Biological Engineering and Computing</i> , 2010, 48, 215-228.	1.6	7
746	Comparison of Manual and Automated Determination of Hippocampal Volumes in MCI and Early AD. <i>Brain Imaging and Behavior</i> , 2010, 4, 86-95.	1.1	74
747	Regional cortical volumes and congenital heart disease: a MRI study in 22q11.2 deletion syndrome. <i>Journal of Neurodevelopmental Disorders</i> , 2010, 2, 224-234.	1.5	27
748	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
749	Sensitivity of MEG and EEG to Source Orientation. <i>Brain Topography</i> , 2010, 23, 227-232.	0.8	208
750	Cerebellum, Language, and Cognition in Autism and Specific Language Impairment. <i>Journal of Autism and Developmental Disorders</i> , 2010, 40, 300-316.	1.7	110
751	A Spatiotemporal Framework for MEG/EEG Evoked Response Amplitude and Latency Variability Estimation. <i>IEEE Transactions on Biomedical Engineering</i> , 2010, 57, 616-625.	2.5	6
752	Spherical Demons: Fast Diffeomorphic Landmark-Free Surface Registration. <i>IEEE Transactions on Medical Imaging</i> , 2010, 29, 650-668.	5.4	301
753	Learning Task-Optimal Registration Cost Functions for Localizing Cytoarchitecture and Function in the Cerebral Cortex. <i>IEEE Transactions on Medical Imaging</i> , 2010, 29, 1424-1441.	5.4	57
754	Reduced right frontal cortical thickness in children, adolescents and adults with ADHD and its correlation to clinical variables: A cross-sectional study. <i>Journal of Psychiatric Research</i> , 2010, 44, 1214-1223.	1.5	131
755	Cerebral cortex structure in prodromal Huntington disease. <i>Neurobiology of Disease</i> , 2010, 40, 544-554.	2.1	142
756	Neuroimaging of the functional and structural networks underlying visuospatial vs. linguistic reasoning in high-functioning autism. <i>Neuropsychologia</i> , 2010, 48, 86-95.	0.7	161
757	Brain substrates of learning and retention in mild cognitive impairment diagnosis and progression to Alzheimer's disease. <i>Neuropsychologia</i> , 2010, 48, 1237-1247.	0.7	75
758	Neuroanatomical correlates of executive functions in children and adolescents: A magnetic resonance imaging (MRI) study of cortical thickness. <i>Neuropsychologia</i> , 2010, 48, 2496-2508.	0.7	135
759	Investigating relationships between cortical thickness and cognitive performance in patients with schizophrenia and healthy adults. <i>Psychiatry Research - Neuroimaging</i> , 2010, 182, 123-133.	0.9	76
760	Complex pattern of cortical thinning in schizophrenia: Results from an automated surface based analysis of cortical thickness. <i>Psychiatry Research - Neuroimaging</i> , 2010, 182, 134-140.	0.9	47
761	Preserved subcortical volumes and cortical thickness in women with sexual abuse-related PTSD. <i>Psychiatry Research - Neuroimaging</i> , 2010, 183, 181-186.	0.9	61
762	Reduced medial prefrontal N-Acetyl-Aspartate levels in pediatric major depressive disorder: A multi-voxel in vivo 1H spectroscopy study. <i>Psychiatry Research - Neuroimaging</i> , 2010, 184, 71-76.	0.9	32

#	ARTICLE	IF	CITATIONS
763	Evaluation of a magnetic resonance-compatible dentoalveolar tactile stimulus device. BMC Neuroscience, 2010, 11, 142.	0.8	8
764	Neural development of networks for audiovisual speech comprehension. Brain and Language, 2010, 114, 101-114.	0.8	109
765	Language laterality in autism spectrum disorder and typical controls: A functional, volumetric, and diffusion tensor MRI study. Brain and Language, 2010, 112, 113-120.	0.8	135
766	Bilateral brain regions associated with naming in older adults. Brain and Language, 2010, 113, 113-123.	0.8	63
767	Short-term language experience shapes the plasticity of the visual word form area. Brain Research, 2010, 1316, 83-91.	1.1	27
768	Intrinsic interhemispheric hippocampal functional connectivity predicts individual differences in memory performance ability. Hippocampus, 2010, 20, 345-351.	0.9	81
769	Computer-aided morphometry of brain. International Journal of Imaging Systems and Technology, 2010, 20, 117-125.	2.7	1
770	Amygdala activation in response to facial expressions in pediatric obsessive-compulsive disorder. Depression and Anxiety, 2010, 27, 643-651.	2.0	36
771	Neuroplasticity predicts outcome of optic neuritis independent of tissue damage. Annals of Neurology, 2010, 67, 99-113.	2.8	75
772	Progressive supranuclear palsy syndrome presenting as progressive nonfluent aphasia: A neuropsychological and neuroimaging analysis. Movement Disorders, 2010, 25, 179-188.	2.2	86
773	Combining spatial priors and anatomical information for fMRI detection. Medical Image Analysis, 2010, 14, 318-331.	7.0	16
774	Brain MRI tissue classification based on local Markov random fields. Magnetic Resonance Imaging, 2010, 28, 557-573.	1.0	58
775	Topology-corrected segmentation and local intensity estimates for improved partial volume classification of brain cortex in MRI. Journal of Neuroscience Methods, 2010, 188, 305-315.	1.3	26
776	Validation of the anisotropy index ellipsoidal area ratio in diffusion tensor imaging. Magnetic Resonance Imaging, 2010, 28, 546-556.	1.0	10
777	Generalized spike-wave discharges involve a default mode network in patients with juvenile absence epilepsy: A MEG study. Epilepsy Research, 2010, 89, 176-184.	0.8	43
778	Predicting white matter targets for direct neurostimulation therapy. Epilepsy Research, 2010, 91, 176-186.	0.8	20
779	Amphetamine Dependence and Co-Morbid Alcohol Abuse: Associations to Brain Cortical Thickness. BMC Pharmacology, 2010, 10, 5.	0.4	29
780	Prefrontal morphology, 5-HTTLPR polymorphism and biased attention for emotional stimuli. Genes, Brain and Behavior, 2010, 9, 224-233.	1.1	36

#	ARTICLE	IF	CITATIONS
781	Trait impulsivity in female patients with borderline personality disorder and matched controls. <i>Acta Neuropsychiatrica</i> , 2010, 22, 139-149.	1.0	23
782	Cortical Thickness Reduction of Normal Appearing Cortex in Patients with Polymicrogyria. <i>Journal of Neuroimaging</i> , 2010, 20, 46-52.	1.0	12
783	Functional dissociation of transient and sustained fMRI BOLD components in human auditory cortex revealed with a streaming paradigm based on interaural time differences. <i>European Journal of Neuroscience</i> , 2010, 32, 1970-1978.	1.2	15
784	Altered Frontal Cortical Volume and Decision Making in Adolescent Cannabis Users. <i>Frontiers in Psychology</i> , 2010, 1, 225.	1.1	140
785	Neuroplasticity associated with tactile language communication in a deaf-blind subject. <i>Frontiers in Human Neuroscience</i> , 2010, 3, 60.	1.0	17
786	Deficits in analogical reasoning in adolescents with traumatic brain injury. <i>Frontiers in Human Neuroscience</i> , 2010, 4, .	1.0	24
787	Regional Brain Morphometry Predicts Memory Rehabilitation Outcome after Traumatic Brain Injury. <i>Frontiers in Human Neuroscience</i> , 2010, 4, 182.	1.0	59
788	MEG and fMRI Fusion for Non-Linear Estimation of Neural and BOLD Signal Changes. <i>Frontiers in Neuroinformatics</i> , 2010, 4, 114.	1.3	21
789	Neural substrates of reliability-weighted visual-tactile multisensory integration. <i>Frontiers in Systems Neuroscience</i> , 2010, 4, 25.	1.2	45
790	Influences of neural pathway integrity on children's response to reading instruction. <i>Frontiers in Systems Neuroscience</i> , 2010, 4, 150.	1.2	15
791	Functional Properties of Human Auditory Cortical Fields. <i>Frontiers in Systems Neuroscience</i> , 2010, 4, 155.	1.2	85
792	Greater Pre-Stimulus Effective Connectivity from the Left Inferior Frontal Area to other Areas is Associated with Better Phonological Decoding in Dyslexic Readers. <i>Frontiers in Systems Neuroscience</i> , 2010, 4, 156.	1.2	19
793	Cortical Thickness and Subcortical Gray Matter Reductions in Neuropsychiatric Systemic Lupus Erythematosus. <i>PLoS ONE</i> , 2010, 5, e9302.	1.1	48
794	Knowing with Which Eye We See: Utricular Discrimination and Eye-Specific Signals in Human Visual Cortex. <i>PLoS ONE</i> , 2010, 5, e13775.	1.1	30
795	Mapping Informative Clusters in a Hierarchical Framework of fMRI Multivariate Analysis. <i>PLoS ONE</i> , 2010, 5, e15065.	1.1	3
796	The Functional Anatomy of a Perceptual Decision in the Human Brain. <i>Journal of Neurophysiology</i> , 2010, 103, 1179-1194.	0.9	109
797	Mechanisms of Spatial Attention Control in Frontal and Parietal Cortex. <i>Journal of Neuroscience</i> , 2010, 30, 148-160.	1.7	290
798	Level of Executive Function Influences Verbal Memory in Amnesic Mild Cognitive Impairment and Predicts Prefrontal and Posterior Cingulate Thickness. <i>Cerebral Cortex</i> , 2010, 20, 1305-1313.	1.6	104

#	ARTICLE	IF	CITATIONS
799	Activation of Sensory-Motor Areas in Sentence Comprehension. <i>Cerebral Cortex</i> , 2010, 20, 468-478.	1.6	174
800	Cortical Anatomy in Autism Spectrum Disorder: An In Vivo MRI Study on the Effect of Age. <i>Cerebral Cortex</i> , 2010, 20, 1332-1340.	1.6	151
801	Describing the Brain in Autism in Five Dimensionsâ€”Magnetic Resonance Imaging-Assisted Diagnosis of Autism Spectrum Disorder Using a Multiparameter Classification Approach. <i>Journal of Neuroscience</i> , 2010, 30, 10612-10623.	1.7	369
802	Competition in Visual Cortex Impedes Attention to Multiple Items. <i>Journal of Neuroscience</i> , 2010, 30, 161-169.	1.7	50
803	Neuroimaging Enrichment Strategy for Secondary Prevention Trials in Alzheimer Disease. <i>Alzheimer Disease and Associated Disorders</i> , 2010, 24, 269-277.	0.6	42
804	Activity Associated with Stream Segregation in Human Auditory Cortex is Similar for Spatial and Pitch Cues. <i>Cerebral Cortex</i> , 2010, 20, 2863-2873.	1.6	54
805	CSF Biomarkers in Prediction of Cerebral and Clinical Change in Mild Cognitive Impairment and Alzheimer's Disease. <i>Journal of Neuroscience</i> , 2010, 30, 2088-2101.	1.7	188
806	The Retinotopic Organization of the Human Middle Temporal Area MT/V5 and Its Cortical Neighbors. <i>Journal of Neuroscience</i> , 2010, 30, 9801-9820.	1.7	320
807	Preterm birth and maternal responsiveness during childhood are associated with brain morphology in adolescence. <i>Journal of the International Neuropsychological Society</i> , 2010, 16, 784-794.	1.2	33
808	Everyday memory: Self-perception and structural brain correlates in a healthy elderly population. <i>Journal of the International Neuropsychological Society</i> , 2010, 16, 1115-1126.	1.2	12
809	Profiles of Precentral and Postcentral Cortical Mean Thicknesses in Individual Subjects over Acute and Subacute Time-Scales. <i>Cerebral Cortex</i> , 2010, 20, 1513-1522.	1.6	12
810	The Role of the Fusiform-Amygdala System in the Pathophysiology of Autism. <i>Archives of General Psychiatry</i> , 2010, 67, 397.	13.8	110
811	An automatic unsupervised classification of MR images in Alzheimer's disease. , 2010, , .		11
812	Assessing Spatial Relationships between Axonal Integrity, Regional Brain Volumes, and Neuropsychological Outcomes after Traumatic Axonal Injury. <i>Journal of Neurotrauma</i> , 2010, 27, 2121-2130.	1.7	112
813	A review of segmentation method for MR image. , 2010, , .		4
814	Combining MR Imaging, Positron-Emission Tomography, and CSF Biomarkers in the Diagnosis and Prognosis of Alzheimer Disease. <i>American Journal of Neuroradiology</i> , 2010, 31, 347-354.	1.2	251
816	Quantitative structural MRI for early detection of Alzheimerâ€™s disease. <i>Expert Review of Neurotherapeutics</i> , 2010, 10, 1675-1688.	1.4	57
817	Update on neuroimaging in epilepsy. <i>Expert Review of Neurotherapeutics</i> , 2010, 10, 961-973.	1.4	12

#	ARTICLE	IF	CITATIONS
818	Human V6: The Medial Motion Area. <i>Cerebral Cortex</i> , 2010, 20, 411-424.	1.6	187
819	Coalescence and Fragmentation of Cortical Networks during Focal Seizures. <i>Journal of Neuroscience</i> , 2010, 30, 10076-10085.	1.7	225
820	Epidural cortical stimulation as adjunctive treatment for non-fluent aphasia: preliminary findings. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2010, 81, 1014-1021.	0.9	39
821	MR contrast synthesis for lesion segmentation. , 2010, 2010, 932-935.		34
822	The Role of Top-Down Task Context in Learning to Perceive Objects. <i>Journal of Neuroscience</i> , 2010, 30, 9869-9876.	1.7	44
823	Hemispheric Asymmetry in Visuotopic Posterior Parietal Cortex Emerges with Visual Short-Term Memory Load. <i>Journal of Neuroscience</i> , 2010, 30, 12581-12588.	1.7	105
824	Domain General Change Detection Accounts for “Dishabituation” Effects in Temporal “Parietal Regions in Functional Magnetic Resonance Imaging Studies of Speech Perception. <i>Journal of Neuroscience</i> , 2010, 30, 1110-1117.	1.7	37
825	Steal physiology is spatially associated with cortical thinning. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2010, 81, 290-293.	0.9	95
826	Sex-dependent association of common variants of microcephaly genes with brain structure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 384-388.	3.3	118
827	Basal ganglia and frontal/parietal cortical atrophy is associated with fatigue in relapsing “remitting multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2010, 16, 1220-1228.	1.4	194
828	Alterations in brain structure and functional connectivity in prescription opioid-dependent patients. <i>Brain</i> , 2010, 133, 2098-2114.	3.7	338
829	Task effects on BOLD signal correlates of implicit syntactic processing. <i>Language and Cognitive Processes</i> , 2010, 25, 866-901.	2.3	15
830	Heterogeneous neuronal firing patterns during interictal epileptiform discharges in the human cortex. <i>Brain</i> , 2010, 133, 1668-1681.	3.7	168
831	Widespread cortical thinning characterizes patients with MS with mild cognitive impairment. <i>Neurology</i> , 2010, 74, 321-328.	1.5	132
832	Combining tractography and cortical measures to test system-specific hypotheses in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2010, 16, 555-565.	1.4	33
833	Visualization of the sensitivity of the magnetoencephalographic sensor array based on the three-dimensional modeling of cortical surface and volume conductor. <i>Journal of Applied Physics</i> , 2010, 107, 09B317.	1.1	0
834	A new combined surface and volume registration. , 2010, , .		4
835	Distinct structural changes underpin clinical phenotypes in patients with Gilles de la Tourette syndrome. <i>Brain</i> , 2010, 133, 3649-3660.	3.7	149

#	ARTICLE	IF	CITATIONS
836	Impaired consciousness in temporal lobe seizures: role of cortical slow activity. <i>Brain</i> , 2010, 133, 3764-3777.	3.7	181
837	Subvoxel segmentation and representation of brain cortex using fuzzy clustering and gradient vector diffusion. <i>Proceedings of SPIE</i> , 2010, , .	0.8	2
838	A skull stripping method using deformable surface and tissue classification. <i>Proceedings of SPIE</i> , 2010, , .	0.8	18
839	Augmenting clinical observations with visual features from longitudinal MRI data for improved dementia diagnosis. , 2010, , .		4
840	Age-related temporal and parietal cortical thinning in autism spectrum disorders. <i>Brain</i> , 2010, 133, 3745-3754.	3.7	229
841	Human Anterior Intraparietal and Ventral Premotor Cortices Support Representations of Grasping with the Hand or a Novel Tool. <i>Journal of Cognitive Neuroscience</i> , 2010, 22, 2594-2608.	1.1	77
842	Defining the Units of Competition: Influences of Perceptual Organization on Competitive Interactions in Human Visual Cortex. <i>Journal of Cognitive Neuroscience</i> , 2010, 22, 2417-2426.	1.1	40
843	Cortical Gray Matter in Attention-Deficit/Hyperactivity Disorder: A Structural Magnetic Resonance Imaging Study. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2010, 49, 229-238.	0.3	125
844	Cognitive Inflexibility and Frontal-Cortical Activation in Pediatric Obsessive-Compulsive Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2010, 49, 944-953.	0.3	72
845	Synthesizing MR contrast and resolution through a patch matching technique. <i>Proceedings of SPIE</i> , 2010, 7623, 76230j.	0.8	16
846	Longitudinal Magnetic Resonance Imaging Study of Cortical Development through Early Childhood in Autism. <i>Journal of Neuroscience</i> , 2010, 30, 4419-4427.	1.7	487
847	Cortical Thickness Is Influenced by Regionally Specific Genetic Factors. <i>Biological Psychiatry</i> , 2010, 67, 493-499.	0.7	124
848	Changes in the Frontotemporal Cortex and Cognitive Correlates in First-Episode Psychosis. <i>Biological Psychiatry</i> , 2010, 68, 51-60.	0.7	74
849	Cortical Thickness and Subcortical Volumes in Schizophrenia and Bipolar Disorder. <i>Biological Psychiatry</i> , 2010, 68, 41-50.	0.7	406
850	Reduced Thickness of Medial Orbitofrontal Cortex in Smokers. <i>Biological Psychiatry</i> , 2010, 68, 1061-1065.	0.7	120
851	Reduced cortical thickness in first episode schizophrenia. <i>Schizophrenia Research</i> , 2010, 116, 204-209.	1.1	160
852	Subcortical alignment precision in patients with schizophrenia. <i>Schizophrenia Research</i> , 2010, 120, 76-83.	1.1	4
853	Gray matter volume reduction in rostral middle frontal gyrus in patients with chronic schizophrenia. <i>Schizophrenia Research</i> , 2010, 123, 153-159.	1.1	91

#	ARTICLE	IF	CITATIONS
854	Increased parahippocampal and lingual gyrification in first-episode schizophrenia. <i>Schizophrenia Research</i> , 2010, 123, 137-144.	1.1	73
855	Improved tractography alignment using combined volumetric and surface registration. <i>NeuroImage</i> , 2010, 51, 206-213.	2.1	64
856	Near-isometric flattening of brain surfaces. <i>NeuroImage</i> , 2010, 51, 694-703.	2.1	14
857	Salivary cortisol and prefrontal cortical thickness in middle-aged men: A twin study. <i>NeuroImage</i> , 2010, 53, 1093-1102.	2.1	88
858	Increased functional brain response during word retrieval in cognitively intact older adults at genetic risk for Alzheimer's disease. <i>NeuroImage</i> , 2010, 51, 1222-1233.	2.1	31
859	Phonetically irregular word pronunciation and cortical thickness in the adult brain. <i>NeuroImage</i> , 2010, 51, 1453-1458.	2.1	29
860	Differentiating maturational and aging-related changes of the cerebral cortex by use of thickness and signal intensity. <i>NeuroImage</i> , 2010, 52, 172-185.	2.1	155
861	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
862	Quantitative evaluation of LDDMM, FreeSurfer, and CARET for cortical surface mapping. <i>NeuroImage</i> , 2010, 52, 131-141.	2.1	54
863	Reduced cognitive control of response inhibition by the anterior cingulate cortex in autism spectrum disorders. <i>NeuroImage</i> , 2010, 52, 336-347.	2.1	178
864	Current dipole orientation and distribution of epileptiform activity correlates with cortical thinning in left mesiotemporal epilepsy. <i>NeuroImage</i> , 2010, 52, 1238-1242.	2.1	12
865	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
866	Laminar analysis of 7T BOLD using an imposed spatial activation pattern in human V1. <i>NeuroImage</i> , 2010, 52, 1334-1346.	2.1	378
867	Selective aberrant functional connectivity of resting state networks in social anxiety disorder. <i>NeuroImage</i> , 2010, 52, 1549-1558.	2.1	293
868	Spatially sparse source cluster modeling by compressive neuromagnetic tomography. <i>NeuroImage</i> , 2010, 53, 146-160.	2.1	38
869	V1 is not uniquely identified by polarity reversals of responses to upper and lower visual field stimuli. <i>NeuroImage</i> , 2010, 52, 1401-1409.	2.1	98
870	Effects of memory training on cortical thickness in the elderly. <i>NeuroImage</i> , 2010, 52, 1667-1676.	2.1	307
871	Network-level analysis of cortical thickness of the epileptic brain. <i>NeuroImage</i> , 2010, 52, 1302-1313.	2.1	80



#	ARTICLE	IF	CITATIONS
872	Evaluating the validity of volume-based and surface-based brain image registration for developmental cognitive neuroscience studies in children 4 to 11years of age. <i>NeuroImage</i> , 2010, 53, 85-93.	2.1	243
873	Magnetoencephalography reveals early activation of V4 in grapheme-color synesthesia. <i>NeuroImage</i> , 2010, 53, 268-274.	2.1	119
874	Automatic parcellation of human cortical gyri and sulci using standard anatomical nomenclature. <i>NeuroImage</i> , 2010, 53, 1-15.	2.1	2,251
875	Prospective motion correction of high-resolution magnetic resonance imaging data in children. <i>NeuroImage</i> , 2010, 53, 139-145.	2.1	114
876	Head size, age and gender adjustment in MRI studies: a necessary nuisance?. <i>NeuroImage</i> , 2010, 53, 1244-1255.	2.1	421
877	Fractal dimension analysis of the cortical ribbon in mild Alzheimer's disease. <i>NeuroImage</i> , 2010, 53, 471-479.	2.1	156
878	Multimodal imaging of repetition priming: Using fMRI, MEG, and intracranial EEG to reveal spatiotemporal profiles of word processing. <i>NeuroImage</i> , 2010, 53, 707-717.	2.1	77
879	Highly accurate inverse consistent registration: A robust approach. <i>NeuroImage</i> , 2010, 53, 1181-1196.	2.1	1,099
880	Digital Topology in Brain Imaging. <i>IEEE Signal Processing Magazine</i> , 2010, 27, 51-59.	4.6	9
881	Brain Maturation in Adolescence and Young Adulthood: Regional Age-Related Changes in Cortical Thickness and White Matter Volume and Microstructure. <i>Cerebral Cortex</i> , 2010, 20, 534-548.	1.6	668
882	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
883	Cortical thickness is associated with different apolipoprotein E genotypes in healthy elderly adults. <i>Neuroscience Letters</i> , 2010, 479, 332-336.	1.0	38
884	On the relationship between fluid intelligence, gesture production, and brain structure. <i>Intelligence</i> , 2010, 38, 193-201.	1.6	24
885	The development of gyrification in childhood and adolescence. <i>Brain and Cognition</i> , 2010, 72, 36-45.	0.8	320
886	Morphological correlates of MAO A VNTR polymorphism: New evidence from cortical thickness measurement. <i>Behavioural Brain Research</i> , 2010, 211, 118-124.	1.2	27
887	Neuroimaging creativity: A psychometric view. <i>Behavioural Brain Research</i> , 2010, 214, 143-156.	1.2	238
888	Current themes in neuroimaging of epilepsy: Brain networks, dynamic phenomena, and clinical relevance. <i>Clinical Neurophysiology</i> , 2010, 121, 1153-1175.	0.7	57
889	Reduced volume of the putamen in REM sleep behavior disorder patients. <i>Parkinsonism and Related Disorders</i> , 2010, 16, 645-649.	1.1	64

#	ARTICLE	IF	CITATIONS
890	Multi-modal imaging predicts memory performance in normal aging and cognitive decline. <i>Neurobiology of Aging</i> , 2010, 31, 1107-1121.	1.5	143
891	Cognition in healthy aging is related to regional white matter integrity, but not cortical thickness. <i>Neurobiology of Aging</i> , 2010, 31, 1912-1926.	1.5	149
892	Automated MRI measures predict progression to Alzheimer's disease. <i>Neurobiology of Aging</i> , 2010, 31, 1364-1374.	1.5	91
893	Subregions of the inferior parietal lobule are affected in the progression to Alzheimer's disease. <i>Neurobiology of Aging</i> , 2010, 31, 1304-1311.	1.5	82
894	Longitudinal MRI atrophy biomarkers: Relationship to conversion in the ADNI cohort. <i>Neurobiology of Aging</i> , 2010, 31, 1401-1418.	1.5	230
895	Frontal Cortex and the Discovery of Abstract Action Rules. <i>Neuron</i> , 2010, 66, 315-326.	3.8	272
896	Met158 variant of the catechol-O-methyltransferase genotype is associated with thicker cortex in adult brain. <i>Neuroscience</i> , 2010, 167, 809-814.	1.1	32
897	Surface-based mapping of gene expression and probabilistic expression maps in the mouse cortex. <i>Methods</i> , 2010, 50, 55-62.	1.9	23
898	Guest Editors's™ Introduction. <i>Methods</i> , 2010, 50, 51-54.	1.9	2
899	Brain Atrophy in Healthy Aging Is Related to CSF Levels of Aβ <sup>1-42</sup> . <i>Cerebral Cortex</i> , 2010, 20, 2069-2079.	1.6	102
900	Identifying the brain's most globally connected regions. <i>NeuroImage</i> , 2010, 49, 3132-3148.	2.1	518
901	Genetic and environmental influences on the size of specific brain regions in midlife: The VETSA MRI study. <i>NeuroImage</i> , 2010, 49, 1213-1223.	2.1	208
902	Cerebral atrophy, apolipoprotein E ε4, and rate of decline in everyday function among patients with amnesic mild cognitive impairment. <i>Alzheimer's and Dementia</i> , 2010, 6, 404-411.	0.4	48
903	Update on the Magnetic Resonance Imaging core of the Alzheimer's Disease Neuroimaging Initiative. <i>Alzheimer's and Dementia</i> , 2010, 6, 212-220.	0.4	311
904	Voxel-based morphometry and automated lobar volumetry: The trade-off between spatial scale and statistical correction. <i>NeuroImage</i> , 2010, 49, 587-596.	2.1	22
905	Anatomical atlas-guided diffuse optical tomography of brain activation. <i>NeuroImage</i> , 2010, 49, 561-567.	2.1	125
906	Progressive logopenic/phonological aphasia: Erosion of the language network. <i>NeuroImage</i> , 2010, 49, 984-993.	2.1	223
907	Automatic extraction of sulcal lines on cortical surfaces based on anisotropic geodesic distance. <i>NeuroImage</i> , 2010, 49, 293-302.	2.1	29

#	ARTICLE	IF	CITATIONS
908	Multi-manifold diffeomorphic metric mapping for aligning cortical hemispheric surfaces. <i>NeuroImage</i> , 2010, 49, 355-365.	2.1	44
909	Skull stripping using graph cuts. <i>NeuroImage</i> , 2010, 49, 225-239.	2.1	149
910	The folding fingerprint of visual cortex reveals the timing of human V1 and V2. <i>NeuroImage</i> , 2010, 49, 2494-2502.	2.1	35
911	CSF biomarker pathology correlates with a medial temporo-parietal network affected by very mild to moderate Alzheimer's disease but not a fronto-striatal network affected by healthy aging. <i>NeuroImage</i> , 2010, 49, 1820-1830.	2.1	27
912	Novelty as a dimension in the affective brain. <i>NeuroImage</i> , 2010, 49, 2871-2878.	2.1	160
913	MP2RAGE, a self bias-field corrected sequence for improved segmentation and T1-mapping at high field. <i>NeuroImage</i> , 2010, 49, 1271-1281.	2.1	1,075
914	Atrophy patterns in Alzheimer's disease and semantic dementia: A comparison of FreeSurfer and manual volumetric measurements. <i>NeuroImage</i> , 2010, 49, 2264-2274.	2.1	97
915	Comprehension of degraded speech sounds with m-sequence modulation: An fMRI study. <i>NeuroImage</i> , 2010, 49, 2697-2706.	2.1	22
916	Multivariate tensor-based morphometry on surfaces: Application to mapping ventricular abnormalities in HIV/AIDS. <i>NeuroImage</i> , 2010, 49, 2141-2157.	2.1	90
917	K-space reconstruction of magnetic resonance inverse imaging (K-Inv) of human visuomotor systems. <i>NeuroImage</i> , 2010, 49, 3086-3098.	2.1	23
918	A multiple-plane approach to measure the structural properties of functionally active regions in the human cortex. <i>NeuroImage</i> , 2010, 49, 3075-3085.	2.1	8
919	Graph properties of synchronized cortical networks during visual working memory maintenance. <i>NeuroImage</i> , 2010, 49, 3257-3268.	2.1	134
920	Visual gamma oscillations and evoked responses: Variability, repeatability and structural MRI correlates. <i>NeuroImage</i> , 2010, 49, 3349-3357.	2.1	158
921	Spatiotemporal dynamics of bilingual word processing. <i>NeuroImage</i> , 2010, 49, 3286-3294.	2.1	52
922	Cortical thickness or grey matter volume? The importance of selecting the phenotype for imaging genetics studies. <i>NeuroImage</i> , 2010, 53, 1135-1146.	2.1	993
923	Propagation of epileptic spikes reconstructed from spatiotemporal magnetoencephalographic and electroencephalographic source analysis. <i>NeuroImage</i> , 2010, 50, 217-222.	2.1	62
924	Predictive models of autism spectrum disorder based on brain regional cortical thickness. <i>NeuroImage</i> , 2010, 50, 589-599.	2.1	214
925	Model-driven parameterization of the cortical surface for localization and inter-subject matching. <i>NeuroImage</i> , 2010, 50, 552-566.	2.1	23

#	ARTICLE	IF	CITATIONS
926	Anatomical and functional parcellation of the human lateral premotor cortex. <i>NeuroImage</i> , 2010, 50, 396-408.	2.1	72
927	Diffuse damage in pediatric traumatic brain injury: A comparison of automated versus operator-controlled quantification methods. <i>NeuroImage</i> , 2010, 50, 1017-1026.	2.1	77
928	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
929	Surface Area Accounts for the Relation of Gray Matter Volume to Reading-Related Skills and History of Dyslexia. <i>Cerebral Cortex</i> , 2010, 20, 2625-2635.	1.6	78
930	Magnetic resonance evidence of cerebellar cortical pathology in multiple sclerosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2010, 81, 401-404.	0.9	66
931	Brain Ventricular Volume and Cerebrospinal Fluid Biomarkers of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2010, 20, 647-657.	1.2	83
932	Differences in Medication Use in the Alzheimer's Disease Neuroimaging Initiative. <i>Drugs and Aging</i> , 2010, 27, 677-686.	1.3	19
933	Semi-supervised Tissue Segmentation of 3D Brain MR Images. , 2010, , .		7
934	Use of SVM Methods with Surface-Based Cortical and Volumetric Subcortical Measurements to Detect Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2010, 19, 1263-1272.	1.2	82
935	Discrete Calculus. , 2010, , .		172
936	Somatotopic representation and cortical thickness of primary motor cortex in Bell's palsy: Preliminary study. , 2010, , .		0
937	Chinese character and figure cognitive processing in the left Broca's area on inflated cortex. , 2010, , .		0
938	Patterns of Cortical Thinning in Relation to Event-Based Prospective Memory Performance Three Months after Moderate to Severe Traumatic Brain Injury in Children. <i>Developmental Neuropsychology</i> , 2010, 35, 318-332.	1.0	47
939	A genetic analysis of cortical thickness in 372 twins. , 2010, 2010, 101-104.		1
940	Computational Electromagnetic Analysis in a Human Head Model with EEG Electrodes and Leads Exposed to RF-Field Sources at 915 MHz and 1748 MHz. <i>Radiation Research</i> , 2010, 174, 91-100.	0.7	15
941	Direction field diffusion on cortical surface via graph cuts. , 2010, , .		1
942	Diffeomorphic sulcal shape analysis for cortical surface registration. , 2010, 13-18 June, 475-482.		2
943	Early detection of Alzheimer's based on intrinsic measurements. , 2011, , .		1

#	ARTICLE	IF	CITATIONS
944	EEGLAB, SIFT, NFT, BCILAB, and ERICA: New Tools for Advanced EEG Processing. Computational Intelligence and Neuroscience, 2011, 2011, 1-12.	1.1	495
945	MEG/EEG source reconstruction based on Gabor thresholding in the source space. , 2011, , .		0
946	The organization of the human cerebellum estimated by intrinsic functional connectivity. Journal of Neurophysiology, 2011, 106, 2322-2345.	0.9	3,788
947	Diffeomorphic cortical surface mapping and its comparison with spherical cortical mapping. , 2011, , .		0
948	Early pericalcarine atrophy in acute optic neuritis is associated with conversion to multiple sclerosis. Journal of Neurology, Neurosurgery and Psychiatry, 2011, 82, 1017-1021.	0.9	22
949	The organization of the human cerebral cortex estimated by intrinsic functional connectivity. Journal of Neurophysiology, 2011, 106, 1125-1165.	0.9	6,420
950	From Language Comprehension to Action Understanding and Back Again. Cerebral Cortex, 2011, 21, 1166-1177.	1.6	48
951	Smelling odors, understanding actions. Social Neuroscience, 2011, 6, 31-47.	0.7	19
952	Engagement of Temporal Lobe Regions Predicts Response to Educational Interventions in Adolescent Struggling Readers. Developmental Neuropsychology, 2011, 36, 869-888.	1.0	17
953	Parietal activity in episodic retrieval measured by fMRI and MEG. NeuroImage, 2011, 55, 788-793.	2.1	16
954	Candidate Gene Analysis of the Human Natural Killer-1 Carbohydrate Pathway and Perineuronal Nets in Schizophrenia: B3GAT2 Is Associated with Disease Risk and Cortical Surface Area. Biological Psychiatry, 2011, 69, 90-96.	0.7	42
955	Reduced Cortical Thickness as an Outcome of Differential Sensitivity to Environmental Risks in Schizophrenia. Biological Psychiatry, 2011, 69, 487-494.	0.7	122
956	Hippocampal Volume Differences in Gulf War Veterans with Current Versus Lifetime Posttraumatic Stress Disorder Symptoms. Biological Psychiatry, 2011, 69, 541-548.	0.7	118
957	Aberrant Frontal Lobe Maturation in Adolescents with Fragile X Syndrome is Related to Delayed Cognitive Maturation. Biological Psychiatry, 2011, 70, 852-858.	0.7	63
958	Catechol-O-Methyltransferase Val158Met Polymorphism Moderates Anterior Cingulate Volume in Posttraumatic Stress Disorder. Biological Psychiatry, 2011, 70, 1091-1096.	0.7	31
959	Group-wise automatic mesh-based analysis of cortical thickness. , 2011, , .		7
960	Decreased Interhemispheric Functional Connectivity in Autism. Cerebral Cortex, 2011, 21, 1134-1146.	1.6	376
961	Effects of Non-Local Diffusion on Structural MRI Preprocessing and Default Network Mapping: Statistical Comparisons with Isotropic/Anisotropic Diffusion. PLoS ONE, 2011, 6, e26703.	1.1	59

#	ARTICLE	IF	CITATIONS
962	Globally Altered Structural Brain Network Topology in Grapheme-Color Synesthesia. <i>Journal of Neuroscience</i> , 2011, 31, 5816-5828.	1.7	123
963	fMRI investigation of unexpected somatosensory feedback perturbation during speech. <i>NeuroImage</i> , 2011, 55, 1324-1338.	2.1	120
964	Brain MAPS: An automated, accurate and robust brain extraction technique using a template library. <i>NeuroImage</i> , 2011, 55, 1091-1108.	2.1	152
965	Regional heterogeneity in limbic maturational changes: Evidence from integrating cortical thickness, volumetric and diffusion tensor imaging measures. <i>NeuroImage</i> , 2011, 55, 868-879.	2.1	55
966	Relationships between cognitive function and frontal grey matter volumes and thickness in middle aged and early old-aged adults: The PATH Through Life Study. <i>NeuroImage</i> , 2011, 55, 845-855.	2.1	28
967	Associations between cortical thickness and verbal fluency in childhood, adolescence, and young adulthood. <i>NeuroImage</i> , 2011, 55, 1865-1877.	2.1	56
968	Whole brain diffeomorphic metric mapping via integration of sulcal and gyral curves, cortical surfaces, and images. <i>NeuroImage</i> , 2011, 56, 162-173.	2.1	74
969	Local cortical surface complexity maps from spherical harmonic reconstructions. <i>NeuroImage</i> , 2011, 56, 961-973.	2.1	176
970	Multi-echo fMRI of the cortical laminae in humans at 7T. <i>NeuroImage</i> , 2011, 56, 1276-1285.	2.1	152
971	Frequency-specific electrocorticographic correlates of working memory delay period fMRI activity. <i>NeuroImage</i> , 2011, 56, 1773-1782.	2.1	49
972	Topographically specific functional connectivity between visual field maps in the human brain. <i>NeuroImage</i> , 2011, 56, 1426-1436.	2.1	85
973	Regional variation, hemispheric asymmetries and gender differences in pericortical white matter. <i>NeuroImage</i> , 2011, 56, 2011-2023.	2.1	35
974	Surface-based TBM boosts power to detect disease effects on the brain: An N=804 ADNI study. <i>NeuroImage</i> , 2011, 56, 1993-2010.	2.1	109
975	Simple paradigm for extra-cerebral tissue removal: Algorithm and analysis. <i>NeuroImage</i> , 2011, 56, 1982-1992.	2.1	108
976	Consistent sulcal parcellation of longitudinal cortical surfaces. <i>NeuroImage</i> , 2011, 57, 76-88.	2.1	12
977	Differential selectivity for dynamic versus static information in face-selective cortical regions. <i>NeuroImage</i> , 2011, 56, 2356-2363.	2.1	358
978	In vivo evidence of disseminated subpial T2* signal changes in multiple sclerosis at 7 T: A surface-based analysis. <i>NeuroImage</i> , 2011, 57, 55-62.	2.1	55
979	Quantitative comparison and analysis of sulcal patterns using sulcal graph matching: A twin study. <i>NeuroImage</i> , 2011, 57, 1077-1086.	2.1	61

#	ARTICLE	IF	CITATIONS
980	A comparison of voxel and surface based cortical thickness estimation methods. <i>NeuroImage</i> , 2011, 57, 856-865.	2.1	163
981	DISC1 is associated with cortical thickness and neural efficiency. <i>NeuroImage</i> , 2011, 57, 1591-1600.	2.1	46
982	On the context-dependent nature of the contribution of the ventral premotor cortex to speech perception. <i>NeuroImage</i> , 2011, 57, 1561-1571.	2.1	84
983	Imaging derived cortical thickness reduction in high-functioning autism: Key regions and temporal slope. <i>NeuroImage</i> , 2011, 58, 391-400.	2.1	108
984	AddNeuroMed and ADNI: Similar patterns of Alzheimer's atrophy and automated MRI classification accuracy in Europe and North America. <i>NeuroImage</i> , 2011, 58, 818-828.	2.1	121
985	How the brain tissue shapes the electric field induced by transcranial magnetic stimulation. <i>NeuroImage</i> , 2011, 58, 849-859.	2.1	291
986	Age-related cortical thinning in schizophrenia. <i>Schizophrenia Research</i> , 2011, 125, 21-29.	1.1	53
987	Cortical thickness in neuropsychologically near-normal schizophrenia. <i>Schizophrenia Research</i> , 2011, 133, 68-76.	1.1	53
988	Decoding of coherent but not incoherent motion signals in early dorsal visual cortex. <i>NeuroImage</i> , 2011, 56, 688-698.	2.1	7
989	A comparison of volume-based and surface-based multi-voxel pattern analysis. <i>NeuroImage</i> , 2011, 56, 593-600.	2.1	179
990	Decoding brain states from fMRI connectivity graphs. <i>NeuroImage</i> , 2011, 56, 616-626.	2.1	263
991	Evaluation of fiber bundles across subjects through brain mapping and registration of diffusion tensor data. <i>NeuroImage</i> , 2011, 54, S165-S175.	2.1	9
992	Automatic classification of patients with Alzheimer's disease from structural MRI: A comparison of ten methods using the ADNI database. <i>NeuroImage</i> , 2011, 56, 766-781.	2.1	834
993	Dual-Core Beamformer for obtaining highly correlated neuronal networks in MEG. <i>NeuroImage</i> , 2011, 54, 253-263.	2.1	66
994	Cortical surface-based searchlight decoding. <i>NeuroImage</i> , 2011, 56, 582-592.	2.1	71
995	CLADA: Cortical longitudinal atrophy detection algorithm. <i>NeuroImage</i> , 2011, 54, 278-289.	2.1	52
996	Fractionating verbal episodic memory in Alzheimer's disease. <i>NeuroImage</i> , 2011, 54, 1530-1539.	2.1	164
997	<sup>1</sup> H-MR spectroscopic detection of metabolic changes in pain processing brain regions in the presence of non-specific chronic low back pain. <i>NeuroImage</i> , 2011, 54, 1315-1323.	2.1	64

#	ARTICLE	IF	CITATIONS
998	Comparison of noise-normalized minimum norm estimates for MEG analysis using multiple resolution metrics. <i>NeuroImage</i> , 2011, 54, 1966-1974.	2.1	175
999	$\beta$ -Amyloid affects frontal and posterior brain networks in normal aging. <i>NeuroImage</i> , 2011, 54, 1887-1895.	2.1	98
1000	Hippocampal degeneration is associated with temporal and limbic gray matter/white matter tissue contrast in Alzheimer's disease. <i>NeuroImage</i> , 2011, 54, 1795-1802.	2.1	64
1001	Practical constraints on estimation of source extent with MEG beamformers. <i>NeuroImage</i> , 2011, 54, 2732-2740.	2.1	59
1002	Thickness of the human cerebral cortex is associated with metrics of cerebrovascular health in a normative sample of community dwelling older adults. <i>NeuroImage</i> , 2011, 54, 2659-2671.	2.1	122
1003	The generation of tetrahedral mesh models for neuroanatomical MRI. <i>NeuroImage</i> , 2011, 55, 153-164.	2.1	21
1004	Functional magnetic resonance inverse imaging of human visuomotor systems using eigenspace linearly constrained minimum amplitude (eLCMA) beamformer. <i>NeuroImage</i> , 2011, 55, 87-100.	2.1	7
1005	Segmentation priors from local image properties: Without using bias field correction, location-based templates, or registration. <i>NeuroImage</i> , 2011, 55, 142-152.	2.1	17
1006	Contribution of chronic pain and neuroticism to abnormal forebrain gray matter in patients with temporomandibular disorder. <i>NeuroImage</i> , 2011, 55, 277-286.	2.1	150
1007	Dysbindin C494T haplotype is associated with thicker medial orbitofrontal cortex in healthy population. <i>NeuroImage</i> , 2011, 55, 508-513.	2.1	12
1008	Localization of Cortical Phase and Amplitude Dynamics during Visual Working Memory Encoding and Retention. <i>Journal of Neuroscience</i> , 2011, 31, 5013-5025.	1.7	165
1009	Brain Imaging in Behavioral Medicine and Clinical Neuroscience. , 2011, , .		7
1010	Genetic Influences on Cost-Efficient Organization of Human Cortical Functional Networks. <i>Journal of Neuroscience</i> , 2011, 31, 3261-3270.	1.7	273
1013	Predictive models for subtypes of autism spectrum disorder based on single-nucleotide polymorphisms and magnetic resonance imaging. <i>Advances in Medical Sciences</i> , 2011, 56, 334-342.	0.9	21
1014	Effects of alcohol intoxication and gender on cerebral perfusion: an arterial spin labeling study. <i>Alcohol</i> , 2011, 45, 725-737.	0.8	37
1015	Probing brain connectivity by combined analysis of diffusion MRI tractography and electrocorticography. <i>Computers in Biology and Medicine</i> , 2011, 41, 1092-1099.	3.9	20
1016	Anatomic and electro-physiologic connectivity of the language system: A combined DTI-CCEP study. <i>Computers in Biology and Medicine</i> , 2011, 41, 1100-1109.	3.9	83
1017	Memory and brain volume in adults prenatally exposed to alcohol. <i>Brain and Cognition</i> , 2011, 75, 67-77.	0.8	79



#	ARTICLE	IF	CITATIONS
1018	Visual detection and identification are not the same: Evidence from psychophysics and fMRI. <i>Brain and Cognition</i> , 2011, 75, 29-38.	0.8	16
1019	Altered prefrontal and insular cortical thickness in adolescent marijuana users. <i>Behavioural Brain Research</i> , 2011, 220, 164-172.	1.2	173
1020	A random-effects model for group-level analysis of diffuse optical brain imaging. <i>Biomedical Optics Express</i> , 2011, 2, 1.	1.5	24
1021	FieldTrip: Open Source Software for Advanced Analysis of MEG, EEG, and Invasive Electrophysiological Data. <i>Computational Intelligence and Neuroscience</i> , 2011, 2011, 1-9.	1.1	7,466
1022	Caudate atrophy and impaired frontostriatal connections are linked to executive dysfunction in temporal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2011, 21, 80-87.	0.9	57
1023	Abnormalities of cortical thickness in postictal psychosis. <i>Epilepsy and Behavior</i> , 2011, 21, 132-136.	0.9	16
1024	Future directions in the neuropsychology of epilepsy. <i>Epilepsy and Behavior</i> , 2011, 22, 69-76.	0.9	28
1025	Prematurity Affects Cortical Maturation in Early Childhood. <i>Pediatric Neurology</i> , 2011, 45, 213-219.	1.0	27
1026	Schneiderian first rank symptoms and inferior parietal lobule cortical thickness in antipsychotic-naïve schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 40-46.	2.5	32
1027	Age-related changes in the functional neuroanatomy of overt speech production. <i>Neurobiology of Aging</i> , 2011, 32, 1505-1513.	1.5	36
1028	Cortical thickness and voxel-based morphometry in posterior cortical atrophy and typical Alzheimer's disease. <i>Neurobiology of Aging</i> , 2011, 32, 1466-1476.	1.5	172
1029	Acceleration of cortical thinning in familial Alzheimer's disease. <i>Neurobiology of Aging</i> , 2011, 32, 1765-1773.	1.5	43
1030	Alliance for Aging Research AD Biomarkers Work Group: structural MRI. <i>Neurobiology of Aging</i> , 2011, 32, S48-S57.	1.5	50
1031	Genetic Influences on Cortical Regionalization in the Human Brain. <i>Neuron</i> , 2011, 72, 537-544.	3.8	118
1032	Comparison of volumetric registration algorithms for tensor-based morphometry. , 2011, 2011, 1536-1541.		4
1033	Magnetic Resonance Imaging and Graph Theoretical Analysis of Complex Brain Networks in Neuropsychiatric Disorders. <i>Brain Connectivity</i> , 2011, 1, 349-365.	0.8	88
1034	Steps to standardization and validation of hippocampal volumetry as a biomarker in clinical trials and diagnostic criterion for Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2011, 7, 474.	0.4	176
1036	Magnetic Resonance Imaging and Magnetic Resonance Spectroscopy for Detection of Early Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2011, 26, 307-319.	1.2	26

#	ARTICLE	IF	CITATIONS
1037	From inefficient to pop-out visual search in one week. <i>BIO Web of Conferences</i> , 2011, 1, 00031.	0.1	0
1038	Neural Correlates of Chronic Low Back Pain Measured by Arterial Spin Labeling. <i>Anesthesiology</i> , 2011, 115, 364-374.	1.3	108
1039	Quantification of Volumetric Changes of Brain in Neurodegenerative Diseases Using Magnetic Resonance Imaging and Stereology. , 2011, , .		1
1040	Brain volumetric measures in alcoholics: a comparison of two segmentation methods. <i>Neuropsychiatric Disease and Treatment</i> , 2011, 7, 65.	1.0	17
1041	Motor Response Selection in Overt Sentence Production: A Functional MRI Study. <i>Frontiers in Psychology</i> , 2011, 2, 253.	1.1	40
1042	Phonological Processing in Human Auditory Cortical Fields. <i>Frontiers in Human Neuroscience</i> , 2011, 5, 42.	1.0	35
1043	The Timing and Strength of Regional Brain Activation Associated with Word Recognition in Children with Reading Difficulties. <i>Frontiers in Human Neuroscience</i> , 2011, 5, 45.	1.0	10
1044	Nipype: A Flexible, Lightweight and Extensible Neuroimaging Data Processing Framework in Python. <i>Frontiers in Neuroinformatics</i> , 2011, 5, 13.	1.3	1,383
1045	Hierarchical information-based clustering for connectivity-based cortex parcellation. <i>Frontiers in Neuroinformatics</i> , 2011, 5, 18.	1.3	33
1046	Automated probabilistic reconstruction of white-matter pathways in health and disease using an atlas of the underlying anatomy. <i>Frontiers in Neuroinformatics</i> , 2011, 5, 23.	1.3	488
1047	Malformations of cortical development: current concepts and advanced neuroimaging review. <i>Arquivos De Neuro-Psiquiatria</i> , 2011, 69, 130-138.	0.3	21
1048	Sensitivity and Specificity of Medial Temporal Lobe Visual Ratings and Multivariate Regional MRI Classification in Alzheimer's Disease. <i>PLoS ONE</i> , 2011, 6, e22506.	1.1	103
1049	Detection of Epileptogenic Cortical Malformations with Surface-Based MRI Morphometry. <i>PLoS ONE</i> , 2011, 6, e16430.	1.1	65
1050	Presence of ApoE $\epsilon$ 4 Allele Associated with Thinner Frontal Cortex in Middle Age. <i>Journal of Alzheimer's Disease</i> , 2011, 26, 49-60.	1.2	68
1051	Three-Dimensional Visualization of Subdural Electrodes for Presurgical Planning. <i>Operative Neurosurgery</i> , 2011, 68, ons152-ons161.	0.4	10
1052	The contribution of genes to cortical thickness and volume. <i>NeuroReport</i> , 2011, 22, 101-105.	0.6	84
1053	Neuroimaging Correlates of Traumatic Brain Injury and Suicidal Behavior. <i>Journal of Head Trauma Rehabilitation</i> , 2011, 26, 276-289.	1.0	86
1054	Brain Cortical Thickness and Surface Area Correlates of Neurocognitive Performance in Patients with Schizophrenia, Bipolar Disorder, and Healthy Adults. <i>Journal of the International Neuropsychological Society</i> , 2011, 17, 1080-1093.	1.2	80

#	ARTICLE	IF	CITATIONS
1055	Double dissociation in the anatomy of socioemotional disinhibition and executive functioning in dementia.. <i>Neuropsychology</i> , 2011, 25, 249-259.	1.0	48
1056	Functional disruption of the brain mechanism for reading: Effects of comorbidity and task difficulty among children with developmental learning problems.. <i>Neuropsychology</i> , 2011, 25, 520-534.	1.0	29
1057	Brain mechanisms for reading and language processing in spina bifida meningomyelocele: A combined magnetic source- and structural magnetic resonance imaging study.. <i>Neuropsychology</i> , 2011, 25, 590-601.	1.0	5
1058	Let's inhibit our excitement: The relationships between Stroop, behavioral disinhibition, and the frontal lobes.. <i>Neuropsychology</i> , 2011, 25, 655-665.	1.0	37
1059	Widespread Brain Areas Engaged during a Classical Auditory Streaming Task Revealed by Intracranial EEG. <i>Frontiers in Human Neuroscience</i> , 2011, 5, 74.	1.0	34
1060	Amyloid- $\beta^2$ and Glucose Metabolism in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2011, 26, 105-116.	1.2	24
1061	Disconnection of Frontal and Parietal Areas Contributes to Impaired Attention in Very Early Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2011, 25, 309-321.	1.2	79
1062	State-space solutions to the dynamic magnetoencephalography inverse problem using high performance computing. <i>Annals of Applied Statistics</i> , 2011, 5, 1207-1228.	0.5	35
1063	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
1064	Retinotopic mapping of the primary visual cortex - a challenge for MEG imaging of the human cortex. <i>European Journal of Neuroscience</i> , 2011, 34, 652-661.	1.2	14
1065	Intentional signals during saccadic and reaching delays in the human posterior parietal cortex. <i>European Journal of Neuroscience</i> , 2011, 34, 1871-1885.	1.2	48
1066	Anatomical markers of sleep slow wave activity derived from structural magnetic resonance images. <i>Journal of Sleep Research</i> , 2011, 20, 506-513.	1.7	46
1067	Cortical curvature analysis in MRI-negative temporal lobe epilepsy: A surrogate marker for malformations of cortical development. <i>Epilepsia</i> , 2011, 52, 28-34.	2.6	13
1068	Neocortical thinning in "benign" mesial temporal lobe epilepsy. <i>Epilepsia</i> , 2011, 52, 712-717.	2.6	51
1069	Widespread cortical thinning in children with frontal lobe epilepsy. <i>Epilepsia</i> , 2011, 52, 1685-1691.	2.6	44
1070	Inter-Hemispheric Functional Connectivity Disruption in Children With Prenatal Alcohol Exposure. <i>Alcoholism: Clinical and Experimental Research</i> , 2011, 35, 849-861.	1.4	53
1071	Cortical Thickness, Surface Area, and Volume of the Brain Reward System in Alcohol Dependence: Relationships to Relapse and Extended Abstinence. <i>Alcoholism: Clinical and Experimental Research</i> , 2011, 35, 1187-1200.	1.4	212
1072	Reduced Cortical Thickness in Abstinent Alcoholics and Association with Alcoholic Behavior. <i>Alcoholism: Clinical and Experimental Research</i> , 2011, 35, 2193-2201.	1.4	80

#	ARTICLE	IF	CITATIONS
1073	No effect of 5HTTLPR or BDNF Val66Met polymorphism on hippocampal morphology in major depression. <i>Genes, Brain and Behavior</i> , 2011, 10, 756-764.	1.1	78
1074	Reduced Cortical Thickness is Associated with the Glutamatergic Regulatory Gene Risk Variant DAOA Arg30Lys in Schizophrenia. <i>Neuropsychopharmacology</i> , 2011, 36, 1747-1753.	2.8	40
1075	Mapping the visual brain: how and why. <i>Eye</i> , 2011, 25, 291-296.	1.1	30
1076	Impact of DISC1 variation on neuroanatomical and neurocognitive phenotypes. <i>Molecular Psychiatry</i> , 2011, 16, 1096-1104.	4.1	71
1077	Distinct neuroanatomical substrates and cognitive mechanisms of figure copy performance in Alzheimer's disease and behavioral variant frontotemporal dementia. <i>Neuropsychologia</i> , 2011, 49, 43-48.	0.7	179
1078	Effects of traumatic brain injury on a virtual reality social problem solving task and relations to cortical thickness in adolescence. <i>Neuropsychologia</i> , 2011, 49, 486-497.	0.7	46
1079	Altered brain response for semantic knowledge in Alzheimer's disease. <i>Neuropsychologia</i> , 2011, 49, 392-404.	0.7	21
1080	The role of lateral occipital face and object areas in the face inversion effect. <i>Neuropsychologia</i> , 2011, 49, 3448-3453.	0.7	79
1081	The brain dynamics of intellectual development: Waxing and waning white and gray matter. <i>Neuropsychologia</i> , 2011, 49, 3605-3611.	0.7	48
1082	Morphometry and connectivity of the fronto-parietal verbal working memory network in development. <i>Neuropsychologia</i> , 2011, 49, 3854-3862.	0.7	107
1083	Abnormalities of the corpus callosum in non-psychotic high-risk offspring of schizophrenia patients. <i>Psychiatry Research - Neuroimaging</i> , 2011, 191, 9-15.	0.9	33
1084	Brain morphometry changes and depressive symptoms after traumatic brain injury. <i>Psychiatry Research - Neuroimaging</i> , 2011, 191, 160-165.	0.9	43
1085	Structural evidence for involvement of a left amygdala-orbitofrontal network in subclinical anxiety. <i>Psychiatry Research - Neuroimaging</i> , 2011, 194, 296-303.	0.9	71
1086	Component Analysis Approach to Estimation of Tissue Intensity Distributions of 3D Images. <i>IEEE Transactions on Medical Imaging</i> , 2011, 30, 838-848.	5.4	6
1087	Imaging retinotopic maps in the human brain. <i>Vision Research</i> , 2011, 51, 718-737.	0.7	333
1088	Cortical thickness and VBM-DARTEL in late-life depression. <i>Journal of Affective Disorders</i> , 2011, 133, 158-164.	2.0	49
1089	Structural correlates of trait anxiety: Reduced thickness in medial orbitofrontal cortex accompanied by volume increase in nucleus accumbens. <i>Journal of Affective Disorders</i> , 2011, 134, 315-319.	2.0	84
1090	Magnetic resonance imaging demonstrates long-term changes in brain structure in children born preterm and exposed to chorioamnionitis. <i>American Journal of Obstetrics and Gynecology</i> , 2011, 205, 384.e1-384.e8.	0.7	36

#	ARTICLE	IF	CITATIONS
1091	Surface-based analysis methods for high-resolution functional magnetic resonance imaging. <i>Graphical Models</i> , 2011, 73, 313-322.	1.1	27
1092	Distributed processing and cortical specialization for speech and environmental sounds in human temporal cortex. <i>Brain and Language</i> , 2011, 116, 83-90.	0.8	22
1093	Neural correlates in the processing of phoneme-level complexity in vowel production. <i>Brain and Language</i> , 2011, 119, 158-166.	0.8	15
1094	Cortical and subcortical changes in typically developing preadolescent children. <i>Brain Research</i> , 2011, 1399, 15-24.	1.1	51
1095	Improved method for retinotopy constrained source estimation of visual-evoked responses. <i>Human Brain Mapping</i> , 2013, 34, 665-683.	1.9	15
1096	Right hemisphere has the last laugh: neural dynamics of joke appreciation. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2011, 11, 113-130.	1.0	73
1097	Local non-linear interactions in the visual cortex may reflect global decorrelation. <i>Journal of Computational Neuroscience</i> , 2011, 30, 109-124.	0.6	11
1098	Age-Related Changes in the Thickness of Cortical Zones in Humans. <i>Brain Topography</i> , 2011, 24, 279-291.	0.8	132
1099	Drug Therapy of Post-Stroke Aphasia: A Review of Current Evidence. <i>Neuropsychology Review</i> , 2011, 21, 302-317.	2.5	90
1100	Diffusion tensor imaging shows white matter tracts between human auditory and visual cortex. <i>Experimental Brain Research</i> , 2011, 213, 299-308.	0.7	120
1101	Anatomically constrained minimum variance beamforming applied to EEG. <i>Experimental Brain Research</i> , 2011, 214, 515-528.	0.7	21
1102	Cortical thickness, gray matter volume, and white matter anisotropy and diffusivity in schizophrenia. <i>Neuroradiology</i> , 2011, 53, 859-866.	1.1	16
1103	Nonlinear registration of longitudinal images and measurement of change in regions of interest. <i>Medical Image Analysis</i> , 2011, 15, 489-497.	7.0	105
1104	PDE-based spatial smoothing: a practical demonstration of impacts on MRI brain extraction, tissue segmentation and registration. <i>Magnetic Resonance Imaging</i> , 2011, 29, 731-738.	1.0	35
1105	fMRI of syntactic processing in typically developing children: Structural correlates in the inferior frontal gyrus. <i>Developmental Cognitive Neuroscience</i> , 2011, 1, 313-323.	1.9	75
1106	Regional areas and widths of the midsagittal corpus callosum among HIV-infected patients on stable antiretroviral therapies. <i>Journal of NeuroVirology</i> , 2011, 17, 368-379.	1.0	40
1107	An improved technique to consider mismatches between fMRI and EEG/MEG sources for fMRI constrained EEG/MEG source imaging. <i>Biomedical Engineering Letters</i> , 2011, 1, 32-41.	2.1	5
1108	An Open Source Multivariate Framework for n-Tissue Segmentation with Evaluation on Public Data. <i>Neuroinformatics</i> , 2011, 9, 381-400.	1.5	515

#	ARTICLE	IF	CITATIONS
1109	MTHFR 677C>T effects on anterior cingulate structure and function during response monitoring in schizophrenia: a preliminary study. <i>Brain Imaging and Behavior</i> , 2011, 5, 65-75.	1.1	21
1110	Differences in cortical response to acupuncture and electroacupuncture stimuli. <i>BMC Neuroscience</i> , 2011, 12, 73.	0.8	24
1111	Artifact quantification and tractography from 3T MRI after placement of aneurysm clips in subarachnoid hemorrhage patients. <i>BMC Medical Imaging</i> , 2011, 11, 19.	1.4	14
1112	Behavioral effects of congenital ventromedial prefrontal cortex malformation. <i>BMC Neurology</i> , 2011, 11, 151.	0.8	35
1113	An automated and simple method for brain MR image extraction. <i>BioMedical Engineering OnLine</i> , 2011, 10, 81.	1.3	27
1114	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
1115	Skull stripping method for brain MRI using a 3D level set with a speedup operator. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 34, 445-456.	1.9	18
1116	Focal cortical and subcortical atrophy in early Parkinson's disease. <i>Movement Disorders</i> , 2011, 26, 436-441.	2.2	112
1117	A novel method for quantifying scanner instability in fMRI. <i>Magnetic Resonance in Medicine</i> , 2011, 65, 1053-1061.	1.9	46
1118	Apathy and cortical atrophy in Alzheimer's disease. <i>International Journal of Geriatric Psychiatry</i> , 2011, 26, 741-748.	1.3	84
1119	Early parietal response in episodic retrieval revealed with MEG. <i>Human Brain Mapping</i> , 2011, 32, 171-181.	1.9	10
1120	Topological correction of brain surface meshes using spherical harmonics. <i>Human Brain Mapping</i> , 2011, 32, 1109-1124.	1.9	158
1121	Sequential temporal-fronto-temporal activation during monitoring of the auditory environment for temporal patterns. <i>Human Brain Mapping</i> , 2011, 32, 1260-1276.	1.9	32
1122	Beyond topographic representation: Decoding visuospatial attention from local activity patterns in the human frontal cortex. <i>International Journal of Imaging Systems and Technology</i> , 2011, 21, 201-210.	2.7	6
1123	3D visualization of subdural electrode shift as measured at craniotomy reopening. <i>Epilepsy Research</i> , 2011, 94, 102-109.	0.8	33
1124	Default network correlations analyzed on native surfaces. <i>Journal of Neuroscience Methods</i> , 2011, 198, 301-311.	1.3	29
1125	Distinguishing Between Major Depressive Disorder and Obsessive-Compulsive Disorder in Children by Measuring Regional Cortical Thickness. <i>Archives of General Psychiatry</i> , 2011, 68, 527.	13.8	105
1126	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

#	ARTICLE	IF	CITATIONS
1127	Basic Visual Function and Cortical Thickness Patterns in Posterior Cortical Atrophy. <i>Cerebral Cortex</i> , 2011, 21, 2122-2132.	1.6	69
1128	A method for anisotropic spatial smoothing of functional magnetic resonance images using distance transformation of a structural image. <i>Physics in Medicine and Biology</i> , 2011, 56, 5063-5077.	1.6	6
1129	Highly Automated Dipole ESTimation (HADES). <i>Computational Intelligence and Neuroscience</i> , 2011, 2011, 1-11.	1.1	20
1130	Distinct profiles of brain and cognitive changes in the very old with Alzheimer disease. <i>Neurology</i> , 2011, 77, 713-721.	1.5	28
1131	Mild Cognitive Impairment: Baseline and Longitudinal Structural MR Imaging Measures Improve Predictive Prognosis. <i>Radiology</i> , 2011, 259, 834-843.	3.6	84
1132	A deformable surface model based automatic rat brain extraction method. , 2011, , .		2
1133	Comparison of Acute and Chronic Traumatic Brain Injury Using Semi-Automatic Multimodal Segmentation of MR Volumes. <i>Journal of Neurotrauma</i> , 2011, 28, 2287-2306.	1.7	55
1134	Validation of CT brain perfusion methods using a realistic dynamic head phantom. <i>Medical Physics</i> , 2011, 38, 3212-3221.	1.6	37
1135	Alexithymia in neurodegenerative disease. <i>Neurocase</i> , 2011, 17, 242-250.	0.2	57
1136	Deformable registration of histological sections to brain MR images using a hybrid boundary-based slice-to-volume approach. , 2011, 2011, 4876-9.		0
1137	Robust time-varying multivariate coherence estimation: Application to electroencephalogram recordings during general anesthesia. , 2011, 2011, 4725-8.		6
1138	MEG-fMRI integration to visualize brain dynamics while perceiving 3-D object shape from motion. , 2011, 2011, 4917-20.		2
1139	Cortical pathology and cognitive impairment in multiple sclerosis. <i>Expert Review of Neurotherapeutics</i> , 2011, 11, 425-432.	1.4	70
1140	How to fix any 3D segmentation interactively via Image Foresting Transform and its use in MRI brain segmentation. , 2011, , .		8
1141	Automated detection of Focal Cortical Dysplasia lesions on T1-weighted MRI using volume-based distributional features. , 2011, , .		7
1142	Brain pattern analysis of cortical valued distributions. , 2011, , 1117-1120.		9
1143	Decoding ensemble activity from neurophysiological recordings in the temporal cortex. , 2011, 2011, 5904-7.		0
1144	The Role of Frontal and Parietal Brain Areas in Bistable Perception. <i>Journal of Neuroscience</i> , 2011, 31, 10293-10301.	1.7	188

#	ARTICLE	IF	CITATIONS
1145	Temporal Lobe Structures and Facial Emotion Recognition in Schizophrenia Patients and Nonpsychotic Relatives. <i>Schizophrenia Bulletin</i> , 2011, 37, 1281-1294.	2.3	75
1146	Genetic and Environmental Contributions to Regional Cortical Surface Area in Humans: A Magnetic Resonance Imaging Twin Study. <i>Cerebral Cortex</i> , 2011, 21, 2313-2321.	1.6	88
1147	Puberty Influences Medial Temporal Lobe and Cortical Gray Matter Maturation Differently in Boys Than Girls Matched for Sexual Maturity. <i>Cerebral Cortex</i> , 2011, 21, 636-646.	1.6	229
1148	Relationships between Beta-Amyloid and Functional Connectivity in Different Components of the Default Mode Network in Aging. <i>Cerebral Cortex</i> , 2011, 21, 2399-2407.	1.6	306
1149	Classification of First-Episode Schizophrenia Patients and Healthy Subjects by Automated MRI Measures of Regional Brain Volume and Cortical Thickness. <i>PLoS ONE</i> , 2011, 6, e21047.	1.1	61
1150	Comparison of Structural Magnetic Resonance Imaging and Development in Toddlers Born Very Low Birth Weight and Full-term. <i>Journal of Child Neurology</i> , 2011, 26, 586-592.	0.7	19
1151	Cerebellar Gray Matter Density in Females With ADHD Combined Type: A Cross-Sectional Voxel-Based Morphometry Study. <i>Journal of Attention Disorders</i> , 2011, 15, 368-381.	1.5	26
1152	Xenomelia: a new right parietal lobe syndrome. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2011, 82, 1314-1319.	0.9	145
1153	Apolipoprotein E-e4, Processing Speed, and White Matter Volume in a Genetically Enriched Sample of Midlife Adults. <i>American Journal of Alzheimer's Disease and Other Dementias</i> , 2011, 26, 463-468.	0.9	17
1154	Variability of the Relationship between Electrophysiology and BOLD-fMRI across Cortical Regions in Humans. <i>Journal of Neuroscience</i> , 2011, 31, 12855-12865.	1.7	165
1155	Dynamic Activation of Frontal, Parietal, and Sensory Regions Underlying Anticipatory Visual Spatial Attention. <i>Journal of Neuroscience</i> , 2011, 31, 13880-13889.	1.7	64
1156	Neural Correlates of Interindividual Differences in Children's Audiovisual Speech Perception. <i>Journal of Neuroscience</i> , 2011, 31, 13963-13971.	1.7	68
1157	Brain Structure Correlates of Individual Differences in the Acquisition and Inhibition of Conditioned Fear. <i>Cerebral Cortex</i> , 2011, 21, 1954-1962.	1.6	131
1158	Dissociation of Sensitivity to Spatial Frequency in Word and Face Preferential Areas of the Fusiform Gyrus. <i>Cerebral Cortex</i> , 2011, 21, 2307-2312.	1.6	71
1159	Auditory-Motor Expertise Alters "Speech Selectivity" in Professional Musicians and Actors. <i>Cerebral Cortex</i> , 2011, 21, 938-948.	1.6	76
1160	A Preliminary Neuroimaging Study of Preschool Children with ADHD. <i>Clinical Neuropsychologist</i> , 2011, 25, 1009-1028.	1.5	34
1161	Temporo-parietal Brain Activity as a Longitudinal Predictor of Response to Educational Interventions among Middle School Struggling Readers. <i>Journal of the International Neuropsychological Society</i> , 2011, 17, 875-885.	1.2	38
1162	Absence of changes in cortical thickness in patients with migraine. <i>Cephalalgia</i> , 2011, 31, 1452-1458.	1.8	56



#	ARTICLE	IF	CITATIONS
1163	Identifying intrasulcal medial surfaces for anatomically consistent reconstruction of the cerebral cortex. , 2011, , .		0
1164	Segmentation of diplo&#x00EB; in a T1 weighted 3D MR image of human head. , 2011, , .		0
1165	Surgical Revascularization Reverses Cerebral Cortical Thinning in Patients With Severe Cerebrovascular Steno-Occlusive Disease. Stroke, 2011, 42, 1631-1637.	1.0	64
1166	Global clinical dementia rating of 0.5 in MCI masks variability related to level of function. Neurology, 2011, 76, 652-659.	1.5	88
1167	Correlations between MRI white matter lesion location and executive function and episodic memory. Neurology, 2011, 76, 1492-1499.	1.5	195
1168	Visuotopic Organization of Macaque Posterior Parietal Cortex: A Functional Magnetic Resonance Imaging Study. Journal of Neuroscience, 2011, 31, 2064-2078.	1.7	95
1169	Motor pathway injury in patients with periventricular leucomalacia and spastic diplegia. Brain, 2011, 134, 1199-1210.	3.7	113
1170	Regionally Specific Human GABA Concentration Correlates with Tactile Discrimination Thresholds. Journal of Neuroscience, 2011, 31, 16556-16560.	1.7	147
1171	Increased Hippocampal Default Mode Synchronization during Rest in Middle-Aged and Elderly APOE $\epsilon$ 4 Carriers: Relationships with Memory Performance. Journal of Neuroscience, 2011, 31, 7775-7783.	1.7	166
1172	Increased Functional Selectivity over Development in Rostrolateral Prefrontal Cortex. Journal of Neuroscience, 2011, 31, 17260-17268.	1.7	66
1173	Resting-State Neural Activity across Face-Selective Cortical Regions Is Behaviorally Relevant. Journal of Neuroscience, 2011, 31, 10323-10330.	1.7	116
1174	Deep and Superficial Amygdala Nuclei Projections Revealed In Vivo by Probabilistic Tractography. Journal of Neuroscience, 2011, 31, 618-623.	1.7	139
1175	Mapping Human Cortical Areas<i>In Vivo</i>Based on Myelin Content as Revealed by T1- and T2-Weighted MRI. Journal of Neuroscience, 2011, 31, 11597-11616.	1.7	1,185
1176	Attention-driven auditory cortex short-term plasticity helps segregate relevant sounds from noise. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 4182-4187.	3.3	99
1177	Neural Characterization of the Speedâ€“Accuracy Tradeoff in a Perceptual Decision-Making Task. Journal of Neuroscience, 2011, 31, 1254-1266.	1.7	62
1178	Scene-Selective Cortical Regions in Human and Nonhuman Primates. Journal of Neuroscience, 2011, 31, 13771-13785.	1.7	218
1179	Interactions of Top-Down and Bottom-Up Mechanisms in Human Visual Cortex. Journal of Neuroscience, 2011, 31, 587-597.	1.7	151
1180	Dynamic Changes in Superior Temporal Sulcus Connectivity during Perception of Noisy Audiovisual Speech. Journal of Neuroscience, 2011, 31, 1704-1714.	1.7	153

#	ARTICLE	IF	CITATIONS
1181	Associations between Regional Cortical Thickness and Attentional Networks as Measured by the Attention Network Test. <i>Cerebral Cortex</i> , 2011, 21, 345-356.	1.6	140
1182	Mild Cognitive Impairment: Differential Atrophy in the Hippocampal Subfields. <i>American Journal of Neuroradiology</i> , 2011, 32, 1658-1661.	1.2	100
1183	INTRINSIC CURVATURE: A MARKER OF MILLIMETER-SCALE TANGENTIAL CORTICO-CORTICAL CONNECTIVITY?. <i>International Journal of Neural Systems</i> , 2011, 21, 351-366.	3.2	62
1184	Skull-stripping with deformable organisms. , 2011, , 1662-1665.		2
1185	Registration of images with topological change via riemannian embedding. , 2011, , .		6
1186	Automatic skull stripping in MRI based on morphological filters and fuzzy c-means segmentation. , 2011, 2011, 5040-3.		7
1187	Internet addiction: Neuroimaging findings. <i>Communicative and Integrative Biology</i> , 2011, 4, 637-639.	0.6	55
1188	Dysfunction of a Cortical Midline Network During Emotional Appraisals in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2011, 37, 164-176.	2.3	39
1189	Integration of sensory and motor representations of single fingers in the human cerebellum. <i>Journal of Neurophysiology</i> , 2011, 105, 3042-3053.	0.9	102
1190	EEG Sleep Slow-Wave Activity as a Mirror of Cortical Maturation. <i>Cerebral Cortex</i> , 2011, 21, 607-615.	1.6	227
1191	Individual Differences in Verbal Abilities Associated with Regional Blurring of the Left Gray and White Matter Boundary. <i>Journal of Neuroscience</i> , 2011, 31, 15257-15263.	1.7	18
1192	Structural alterations in lateral prefrontal, parietal and posterior midline regions of men with chronic posttraumatic stress disorder. <i>Journal of Psychiatry and Neuroscience</i> , 2011, 36, 176-186.	1.4	96
1193	A comparison of sensory-motor activity during speech in first and second languages. <i>Journal of Neurophysiology</i> , 2011, 106, 470-478.	0.9	46
1194	Transient bold activity locked to perceptual reversals of auditory streaming in human auditory cortex and inferior colliculus. <i>Journal of Neurophysiology</i> , 2011, 105, 1977-1983.	0.9	54
1195	Multimodal MRI in Neurodegenerative Disorders. <i>Neurology Research International</i> , 2012, 2012, 1-2.	0.5	8
1196	Mapping Connectivity Damage in the Case of Phineas Gage. <i>PLoS ONE</i> , 2012, 7, e37454.	1.1	138
1197	Regional Cortical Thinning Associated with Detectable Levels of HIV DNA. <i>Cerebral Cortex</i> , 2012, 22, 2065-2075.	1.6	73
1198	Reduced Cortical Thickness in Children with New-Onset Seizures: Fig 1.. <i>American Journal of Neuroradiology</i> , 2012, 33, 673-677.	1.2	17

#	ARTICLE	IF	CITATIONS
1199	Cortical Surface Reconstruction from High-Resolution MR Brain Images. <i>International Journal of Biomedical Imaging</i> , 2012, 2012, 1-19.	3.0	9
1200	Spatio-Temporal Brain Mapping of Motion-Onset VEPs Combined with fMRI and Retinotopic Maps. <i>PLoS ONE</i> , 2012, 7, e35771.	1.1	37
1201	Aberrant cortical gyrification in schizophrenia: a surface-based morphometry study. <i>Journal of Psychiatry and Neuroscience</i> , 2012, 37, 399-406.	1.4	101
1202	Long-term influence of normal variation in neonatal characteristics on human brain development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 20089-20094.	3.3	158
1203	Regional Cortical Thickness and Subcortical Volume Changes Are Associated with Cognitive Impairments in the Drug-Naive Patients with Late-Onset Depression. <i>Neuropsychopharmacology</i> , 2012, 37, 838-849.	2.8	90
1204	Humans Mimicking Animals: A Cortical Hierarchy for Human Vocal Communication Sounds. <i>Journal of Neuroscience</i> , 2012, 32, 8084-8093.	1.7	20
1205	<i>In Vivo</i> Functional and Myeloarchitectonic Mapping of Human Primary Auditory Areas. <i>Journal of Neuroscience</i> , 2012, 32, 16095-16105.	1.7	206
1206	Abnormal Cortical Thickness Alterations in Fetal Alcohol Spectrum Disorders and Their Relationships with Facial Dysmorphology. <i>Cerebral Cortex</i> , 2012, 22, 1170-1179.	1.6	94
1207	Visuotopic Cortical Connectivity Underlying Attention Revealed with White-Matter Tractography. <i>Journal of Neuroscience</i> , 2012, 32, 2773-2782.	1.7	93
1208	Distinct effects of attention on the neural responses to form and motion processing: A SSVEP source-imaging study. <i>Journal of Vision</i> , 2012, 12, 15-15.	0.1	18
1209	Changes in cortical morphology resulting from long-term amygdala damage. <i>Social Cognitive and Affective Neuroscience</i> , 2012, 7, 588-595.	1.5	20
1210	Eye Movements Modulate the Spatiotemporal Dynamics of Word Processing. <i>Journal of Neuroscience</i> , 2012, 32, 4482-4494.	1.7	9
1211	Associations of Cortical Thickness and Cognition in Patients With Schizophrenia and Healthy Controls. <i>Schizophrenia Bulletin</i> , 2012, 38, 1050-1062.	2.3	152
1212	Prevalence of Selectivity for Mirror-Symmetric Views of Faces in the Ventral and Dorsal Visual Pathways. <i>Journal of Neuroscience</i> , 2012, 32, 11763-11772.	1.7	66
1213	Imagery and Perception Share Cortical Representations of Content and Location. <i>Cerebral Cortex</i> , 2012, 22, 372-380.	1.6	175
1214	Resetting capacity limitations revealed by long-lasting elimination of attentional blink through training. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 12242-12247.	3.3	55
1215	Association of Lifetime Cognitive Engagement and Low $\beta$ -Amyloid Deposition. <i>Archives of Neurology</i> , 2012, 69, 623.	4.9	278
1216	Longitudinal Structure-Function Correlates in Elderly Reveal MTL Dysfunction with Cognitive Decline. <i>Cerebral Cortex</i> , 2012, 22, 2297-2304.	1.6	138

#	ARTICLE	IF	CITATIONS
1217	Decreased Cortical Thickness in Central Hypoventilation Syndrome. <i>Cerebral Cortex</i> , 2012, 22, 1728-1737.	1.6	13
1218	Alcohol Consumption Induces Endogenous Opioid Release in the Human Orbitofrontal Cortex and Nucleus Accumbens. <i>Science Translational Medicine</i> , 2012, 4, 116ra6.	5.8	190
1219	Multimodal Imaging of Spike Propagation: A Technical Case Report: Fig 1.. <i>American Journal of Neuroradiology</i> , 2012, 33, E82-E84.	1.2	15
1220	Top-down attention switches coupling between low-level and high-level areas of human visual cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 14675-14680.	3.3	159
1221	Cortical Thinning in Psychopathy. <i>American Journal of Psychiatry</i> , 2012, 169, 743-749.	4.0	129
1222	Large-scale Cortical Network Properties Predict Future Sound-to-Word Learning Success. <i>Journal of Cognitive Neuroscience</i> , 2012, 24, 1087-1103.	1.1	43
1223	Performance Dip in Motor Response Induced by Task-Irrelevant Weaker Coherent Visual Motion Signals. <i>Cerebral Cortex</i> , 2012, 22, 1887-1893.	1.6	2
1224	Frontotemporal dementia with the C9ORF72 hexanucleotide repeat expansion: clinical, neuroanatomical and neuropathological features. <i>Brain</i> , 2012, 135, 736-750.	3.7	392
1225	Interregional Correlations in Parkinson Disease and Parkinson-related Dementia with Resting Functional MR Imaging. <i>Radiology</i> , 2012, 263, 226-234.	3.6	80
1226	Automated extraction of nested sulcus features from human brain MRI data. , 2012, 2012, 4429-33.		1
1227	Identifying the structural architecture of the human inferior parietal lobule using diffusion MRI. , 2012, , .		2
1228	Fast dynamic reconstruction algorithm with joint bilateral filtering for perfusion C-arm CT. , 2012, , .		3
1229	Evaluations of sparse source imaging and minimum norm estimate methods in both simulation and clinical MEG data. , 2012, 2012, 6744-7.		1
1230	The computational study of subdural cortical stimulation: A quantitative analysis of voltage and current stimulation. , 2012, 2012, 867-70.		7
1232	Effect of spatial smoothing on regions of interested analysis basing on general linear model. , 2012, , .		1
1233	Association of common genetic variants in GPCPD1 with scaling of visual cortical surface area in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 3985-3990.	3.3	50
1234	Imaging prior information in the brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 7935-7940.	3.3	37
1235	The organization of the human striatum estimated by intrinsic functional connectivity. <i>Journal of Neurophysiology</i> , 2012, 108, 2242-2263.	0.9	696

#	ARTICLE	IF	CITATIONS
1236	Comparison of Cerebral Volume in Children Aged 18-22 and 36-47 Months Born Preterm and Term. <i>Journal of Child Neurology</i> , 2012, 27, 172-177.	0.7	8
1237	Childhood maltreatment is associated with reduced volume in the hippocampal subfields CA3, dentate gyrus, and subiculum. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E563-72.	3.3	493
1238	Diminished Whole-brain but Enhanced Peri-sylvian Connectivity in Absolute Pitch Musicians. <i>Journal of Cognitive Neuroscience</i> , 2012, 24, 1447-1461.	1.1	60
1239	Two solutions for registration of ultrasound to MRI for image-guided prostate interventions. , 2012, 2012, 1129-32.		15
1240	A Comparison of Heritability Maps of Cortical Surface Area and Thickness and the Influence of Adjustment for Whole Brain Measures: A Magnetic Resonance Imaging Twin Study. <i>Twin Research and Human Genetics</i> , 2012, 15, 304-314.	0.3	120
1241	CSF Biomarker and PIB-PET-Derived Beta-Amyloid Signature Predicts Metabolic, Gray Matter, and Cognitive Changes in Nondemented Subjects. <i>Cerebral Cortex</i> , 2012, 22, 1993-2004.	1.6	92
1242	Multimodal Neuroimaging Predictors for Cognitive Performance Using Structured Sparse Learning. <i>Lecture Notes in Computer Science</i> , 2012, , 1-17.	1.0	4
1243	Classification of ADHD children through multimodal magnetic resonance imaging. <i>Frontiers in Systems Neuroscience</i> , 2012, 6, 63.	1.2	140
1244	Automated Hippocampal Subfield Segmentation in Amnesic Mild Cognitive Impairments. <i>Dementia and Geriatric Cognitive Disorders</i> , 2012, 33, 327-333.	0.7	19
1245	Human Motor Cortical Activity Is Selectively Phase-Entrained on Underlying Rhythms. <i>PLoS Computational Biology</i> , 2012, 8, e1002655.	1.5	202
1246	Incident subcortical infarcts induce focal thinning in connected cortical regions. <i>Neurology</i> , 2012, 79, 2025-2028.	1.5	189
1247	A Digital Atlas of the Dog Brain. <i>PLoS ONE</i> , 2012, 7, e52140.	1.1	85
1248	A Pilot Study of Quantitative MRI Measurements of Ventricular Volume and Cortical Atrophy for the Differential Diagnosis of Normal Pressure Hydrocephalus. <i>Neurology Research International</i> , 2012, 2012, 1-6.	0.5	36
1249	The Frontal-Anatomic Specificity of Design Fluency Repetitions and Their Diagnostic Relevance for Behavioral Variant Frontotemporal Dementia. <i>Journal of the International Neuropsychological Society</i> , 2012, 18, 834-844.	1.2	37
1250	Aβ Deposition in Aging Is Associated with Increases in Brain Activation during Successful Memory Encoding. <i>Cerebral Cortex</i> , 2012, 22, 1813-1823.	1.6	126
1251	Compensatory Brain Activity during Encoding among Older Adults with Better Recognition Memory for Face-Name Pairs: An Integrative Functional, Structural, and Perfusion Imaging Study. <i>Journal of the International Neuropsychological Society</i> , 2012, 18, 402-413.	1.2	34
1252	Influence of anisotropic conductivity in the skull and white matter on transcranial direct current stimulation via an anatomically realistic finite element head model. <i>Physics in Medicine and Biology</i> , 2012, 57, 6961-6980.	1.6	73
1253	Dissociating Memory Processes in the Developing Brain: The Role of Hippocampal Volume and Cortical Thickness in Recall after Minutes versus Days. <i>Cerebral Cortex</i> , 2012, 22, 381-390.	1.6	48

#	ARTICLE	IF	CITATIONS
1254	A demonstration that task difficulty can confound the interpretation of lateral differences in brain activation between typical and dyslexic readers. <i>Laterality</i> , 2012, 17, 340-360.	0.5	4
1255	Higher education is not associated with greater cortical thickness in brain areas related to literacy or intelligence in normal aging or mild cognitive impairment. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2012, 34, 925-935.	0.8	17
1256	Functional Connectivity during Modulation of Tinnitus with Orofacial Maneuvers. <i>Otolaryngology - Head and Neck Surgery</i> , 2012, 147, 757-762.	1.1	4
1257	An anatomically driven anisotropic diffusion filtering method for 3D SPECT reconstruction. <i>Physics in Medicine and Biology</i> , 2012, 57, 3793-3810.	1.6	27
1258	Sparse imaging of cortical electrical current densities via wavelet transforms. <i>Physics in Medicine and Biology</i> , 2012, 57, 6881-6901.	1.6	17
1259	Automating PACS quality control with the Vanderbilt image processing enterprise resource. , 2012, 8319, .		2
1260	Collaborative labeling of malignant glioma with WebMILL: a first look. <i>Proceedings of SPIE</i> , 2012, 8318, .	0.8	0
1261	A surface based approach for cortical thickness comparison between PiB+ and PiB- healthy control subjects. <i>Proceedings of SPIE</i> , 2012, , .	0.8	2
1262	Prefrontal Cortical Deficits in Type 1 Diabetes Mellitus. <i>Archives of General Psychiatry</i> , 2012, 69, 1267.	13.8	33
1263	Subcortical and Cortical Structural Central Nervous System Changes and Attention Processing Deficits in Preschool-Aged Children with Prenatal Methamphetamine and Tobacco Exposure. <i>Developmental Neuroscience</i> , 2012, 34, 327-341.	1.0	56
1264	Medial perirhinal cortex disambiguates confusable objects. <i>Brain</i> , 2012, 135, 3757-3769.	3.7	83
1265	Within-Digit Functional Parcellation of Brodmann Areas of the Human Primary Somatosensory Cortex Using Functional Magnetic Resonance Imaging at 7 Tesla. <i>Journal of Neuroscience</i> , 2012, 32, 15815-15822.	1.7	118
1266	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
1267	How to Measure Cortical Folding from MR Images: a Step-by-Step Tutorial to Compute Local Gyrfication Index. <i>Journal of Visualized Experiments</i> , 2012, , e3417.	0.2	95
1268	The Effects of FreeSurfer Version, Workstation Type, and Macintosh Operating System Version on Anatomical Volume and Cortical Thickness Measurements. <i>PLoS ONE</i> , 2012, 7, e38234.	1.1	326
1269	Prediction of Conversion from Mild Cognitive Impairment to Alzheimer Disease Based on Bayesian Data Mining with Ensemble Learning. <i>Neuroradiology Journal</i> , 2012, 25, 5-16.	0.6	12
1270	Cortical thickness of supratemporal plane predicts auditory N1 amplitude. <i>NeuroReport</i> , 2012, 23, 1026-1030.	0.6	29
1271	Patterns of Gray and White Matter Changes in Individuals at Risk for Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2012, 9, 1097-1105.	0.7	4

#	ARTICLE	IF	CITATIONS
1272	Mapping inter-regional connectivity of the entire cortex to characterize major depressive disorder. <i>NeuroReport</i> , 2012, 23, 566-571.	0.6	54
1273	The association between brain volumes, delirium duration, and cognitive outcomes in intensive care unit survivors. <i>Critical Care Medicine</i> , 2012, 40, 2022-2032.	0.4	246
1274	Genetic and environmental influences on cortical thickness among 14-year-old twins. <i>NeuroReport</i> , 2012, 23, 702-706.	0.6	24
1275	Structural Abnormalities of the Central Auditory Pathway in Infants with Nonsyndromic Cleft Lip and/or Palate. <i>Cleft Palate-Craniofacial Journal</i> , 2012, 49, 137-145.	0.5	19
1276	Temporal stability of visually selective responses in intracranial field potentials recorded from human occipital and temporal lobes. <i>Journal of Neurophysiology</i> , 2012, 108, 3073-3086.	0.9	11
1277	MRI- and PET-Based Imaging Markers for the Diagnosis of Alzheimer's Disease. <i>Advances in Biological Psychiatry</i> , 2012, , 80-114.	0.2	0
1278	Cerebral blood flow in Alzheimer's disease. <i>Vascular Health and Risk Management</i> , 2012, 8, 599.	1.0	162
1279	The Neural Basis of Logopenic Progressive Aphasia. <i>Journal of Alzheimer's Disease</i> , 2012, 32, 1051-1059.	1.2	53
1280	Longitudinal changes in behavioral approach system sensitivity and brain structures involved in reward processing during adolescence. <i>Developmental Psychology</i> , 2012, 48, 1488-1500.	1.2	165
1281	Meta-analysis of functional neuroimaging data using Bayesian nonparametric binary regression. <i>Annals of Applied Statistics</i> , 2012, 6, .	0.5	19
1282	Diffeomorphic Sulcal Shape Analysis on the Cortex. <i>IEEE Transactions on Medical Imaging</i> , 2012, 31, 1195-1212.	5.4	31
1283	Laterality of Temporoparietal Causal Connectivity during the Prestimulus Period Correlates with Phonological Decoding Task Performance in Dyslexic and Typical Readers. <i>Cerebral Cortex</i> , 2012, 22, 1923-1934.	1.6	13
1284	Evolving Signal Processing for Brain-Computer Interfaces. <i>Proceedings of the IEEE</i> , 2012, 100, 1567-1584.	16.4	119
1285	Resting-State Brain Functional Connectivity Is Altered in Type 2 Diabetes. <i>Diabetes</i> , 2012, 61, 2375-2379.	0.3	208
1286	Treatment Course With Antidepressant Therapy in Late-Life Depression. <i>American Journal of Psychiatry</i> , 2012, 169, 1185-1193.	4.0	76
1287	Predicting the development of mild cognitive impairment: A new use of pattern recognition. <i>NeuroImage</i> , 2012, 60, 894-901.	2.1	28
1288	Within-subject template estimation for unbiased longitudinal image analysis. <i>NeuroImage</i> , 2012, 61, 1402-1418.	2.1	1,925
1289	Multimodal imaging of the self-regulating developing brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 19620-19625.	3.3	192

#	ARTICLE	IF	CITATIONS
1290	Spatio-temporal mapping cortical neuroplasticity in carpal tunnel syndrome. <i>Brain</i> , 2012, 135, 3062-3073.	3.7	29
1291	A 5-year follow-up study of brain cortical and subcortical abnormalities in a schizophrenia cohort. <i>Schizophrenia Research</i> , 2012, 142, 209-216.	1.1	32
1292	No MRI evidence of cortical lesions in neuromyelitis optica. <i>Neurology</i> , 2012, 79, 1671-1676.	1.5	107
1293	Structure Tensor Informed Fiber Tractography (STIFT) by combining gradient echo MRI and diffusion weighted imaging. <i>NeuroImage</i> , 2012, 59, 3941-3954.	2.1	17
1294	Grey matter abnormalities in social anxiety disorder: a pilot study. <i>Metabolic Brain Disease</i> , 2012, 27, 299-309.	1.4	97
1295	Greater regional brain atrophy rate in healthy elderly subjects with a history of cigarette smoking. <i>Alzheimer's and Dementia</i> , 2012, 8, 513-519.	0.4	48
1296	Regional cortical thinning in patients with major depressive disorder: A surface-based morphometry study. <i>Psychiatry Research - Neuroimaging</i> , 2012, 202, 206-213.	0.9	84
1297	Brain gray matter phenotypes across the psychosis dimension. <i>Psychiatry Research - Neuroimaging</i> , 2012, 204, 13-24.	0.9	52
1298	Effects of alcohol dependence on cortical thickness as determined by magnetic resonance imaging. <i>Psychiatry Research - Neuroimaging</i> , 2012, 204, 101-111.	0.9	81
1299	Reduced insular volume in attention deficit hyperactivity disorder. <i>Psychiatry Research - Neuroimaging</i> , 2012, 204, 32-39.	0.9	73
1300	Decreased language laterality in tuberous sclerosis complex. <i>Epilepsy and Behavior</i> , 2012, 25, 36-41.	0.9	12
1301	Automated hippocampal subfields segmentation in late life depression. <i>Journal of Affective Disorders</i> , 2012, 143, 253-256.	2.0	35
1302	A fast iterative greedy algorithm for MEG source localization. <i>NeuroImage</i> , 2012, 62, 6748-51.		3
1303	Validating atlas-guided DOT: A comparison of diffuse optical tomography informed by atlas and subject-specific anatomies. <i>NeuroImage</i> , 2012, 62, 1999-2006.	2.1	81
1304	Current Status and Future Perspectives of Magnetic Resonance High-Field Imaging: A Summary. <i>Neuroimaging Clinics of North America</i> , 2012, 22, 373-397.	0.5	11
1305	Influence of age on the dynamics of fMRI activations during a semantic fluency task. <i>Journal of Neuroradiology</i> , 2012, 39, 158-166.	0.6	21
1306	Genetic and environmental influences of white and gray matter signal contrast: A new phenotype for imaging genetics?. <i>NeuroImage</i> , 2012, 60, 1686-1695.	2.1	32
1307	Healthy Aging. <i>Academic Radiology</i> , 2012, 19, 785-793.	1.3	101



#	ARTICLE	IF	CITATIONS
1308	Automated diagnosis of Alzheimer's disease using Gaussian mixture model based on cortical thickness. , 2012, , .		2
1309	The Relevance Voxel Machine (RVoxM): A Self-Tuning Bayesian Model for Informative Image-Based Prediction. IEEE Transactions on Medical Imaging, 2012, 31, 2290-2306.	5.4	41
1310	Mapping subcortical connectivity related to cortical gamma and theta oscillations. , 2012, , .		0
1311	Applying spatial covariance modeling on cortical thickness measurement. , 2012, , .		0
1312	Sparse Bayesian multi-task learning for predicting cognitive outcomes from neuroimaging measures in Alzheimer's disease. , 2012, , .		15
1313	Sparse MEG source localization on parameterized cortical medial surface. , 2012, , .		2
1314	Brain segmentation in magnetic resonance images using fast fourier transform. , 2012, , .		5
1315	Increase in Sensorimotor Cortex Response to Somatosensory Stimulation Over Subacute Poststroke Period Correlates With Motor Recovery in Hemiparetic Patients. Neurorehabilitation and Neural Repair, 2012, 26, 325-334.	1.4	28
1316	Selection of independent components based on cortical mapping of electromagnetic activity. Journal of Neural Engineering, 2012, 9, 056006.	1.8	4
1317	Absolute quantitation of brain metabolites with respect to heterogeneous tissue compositions in 1H-MR spectroscopic volumes. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2012, 25, 321-333.	1.1	64
1318	TCF4 sequence variants and mRNA levels are associated with neurodevelopmental characteristics in psychotic disorders. Translational Psychiatry, 2012, 2, e112-e112.	2.4	67
1319	Apolipoprotein E $\epsilon$ 4-related thickening of the cerebral cortex modulates selective attention. Neurobiology of Aging, 2012, 33, 304-322.e1.	1.5	26
1320	Relationship between regional atrophy rates and cognitive decline in mild cognitive impairment. Neurobiology of Aging, 2012, 33, 242-253.	1.5	94
1321	Age-related effects on cortical thickness patterns of the Rhesus monkey brain. Neurobiology of Aging, 2012, 33, 200.e23-200.e31.	1.5	35
1322	Normal age-related brain morphometric changes: nonuniformity across cortical thickness, surface area and gray matter volume?. Neurobiology of Aging, 2012, 33, 617.e1-617.e9.	1.5	406
1323	Behavioral and Anatomical Consequences of Early versus Late Symbol Training in Macaques. Neuron, 2012, 73, 608-619.	3.8	95
1324	Cortical thickness correlates of pain and temperature sensitivity. Pain, 2012, 153, 1602-1609.	2.0	115
1325	Reduced cortical thickness in non-medicated patients with obsessive-compulsive disorder. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2012, 37, 90-95.	2.5	33

#	ARTICLE	IF	CITATIONS
1326	Top-Down Processing of Symbolic Meanings Modulates the Visual Word Form Area. <i>Journal of Neuroscience</i> , 2012, 32, 12277-12283.	1.7	33
1327	Global Connectivity of Prefrontal Cortex Predicts Cognitive Control and Intelligence. <i>Journal of Neuroscience</i> , 2012, 32, 8988-8999.	1.7	540
1328	The neural basis of impossible figures: Evidence from an fMRI study of the two-pronged trident. <i>Neuroscience Letters</i> , 2012, 508, 17-21.	1.0	2
1329	Comprehensive evaluation of cortical structure abnormalities in drug-naïve, adult patients with obsessive-compulsive disorder: A surface-based morphometry study. <i>Journal of Psychiatric Research</i> , 2012, 46, 1161-1168.	1.5	46
1330	C-reactive protein is related to memory and medial temporal brain volume in older adults. <i>Brain, Behavior, and Immunity</i> , 2012, 26, 103-108.	2.0	122
1331	The perirhinal cortex modulates V2 activity in response to the agreement between part familiarity and configuration familiarity. <i>Hippocampus</i> , 2012, 22, 1965-1977.	0.9	29
1332	Neurodegenerative dementias: From MR Physics lab to assessment room. <i>European Physical Journal Plus</i> , 2012, 127, 1.	1.2	4
1333	Different associations of white matter lesions with depression and cognition. <i>BMC Neurology</i> , 2012, 12, 83.	0.8	7
1334	High serum levels of transforming growth factor $\beta$ 21 are associated with increased cortical thickness in cingulate and right frontal areas in healthy subjects. <i>Journal of Neuroinflammation</i> , 2012, 9, 42.	3.1	12
1335	Adolescents with prenatal cocaine exposure show subtle alterations in striatal surface morphology and frontal cortical volumes. <i>Journal of Neurodevelopmental Disorders</i> , 2012, 4, 22.	1.5	18
1336	Abnormal Striatal Circuitry and Intensified Novelty Seeking among Adolescents Who Abuse Methamphetamine and Cannabis. <i>Developmental Neuroscience</i> , 2012, 34, 310-317.	1.0	43
1337	How Acute and Chronic Alcohol Consumption Affects Brain Networks: Insights from Multimodal Neuroimaging. <i>Alcoholism: Clinical and Experimental Research</i> , 2012, 36, 2017-2027.	1.4	48
1338	Pituitary volume, stress reactivity and genetic risk for psychotic disorder. <i>Psychological Medicine</i> , 2012, 42, 1523-1533.	2.7	36
1339	Two Critical and Functionally Distinct Stages of Face and Body Perception. <i>Journal of Neuroscience</i> , 2012, 32, 15877-15885.	1.7	96
1340	White Matter Structure Changes as Adults Learn a Second Language. <i>Journal of Cognitive Neuroscience</i> , 2012, 24, 1664-1670.	1.1	243
1341	Association of genetic copy number variations at 11q14.2 with brain regional volume differences in an alcohol use disorder population. <i>Alcohol</i> , 2012, 46, 519-527.	0.8	20
1342	Reduced Anterior Cingulate Cognitive Activation Is Associated with Prefrontal Temporal Cortical Thinning in Schizophrenia. <i>Biological Psychiatry</i> , 2012, 71, 146-153.	0.7	26
1343	High Dimensional Endophenotype Ranking in the Search for Major Depression Risk Genes. <i>Biological Psychiatry</i> , 2012, 71, 6-14.	0.7	170

#	ARTICLE	IF	CITATIONS
1344	Cortical Thickness and Folding Deficits in Conduct-Disordered Adolescents. <i>Biological Psychiatry</i> , 2012, 72, 207-214.	0.7	109
1345	Cortical Volume, Surface Area, and Thickness in Schizophrenia and Bipolar Disorder. <i>Biological Psychiatry</i> , 2012, 71, 552-560.	0.7	290
1346	The Retinotopic Organization of Striate Cortex Is Well Predicted by Surface Topology. <i>Current Biology</i> , 2012, 22, 2081-2085.	1.8	214
1347	A neural basis for interindividual differences in the McGurk effect, a multisensory speech illusion. <i>NeuroImage</i> , 2012, 59, 781-787.	2.1	250
1348	Cortical thickness correlates with impulsiveness in healthy adults. <i>NeuroImage</i> , 2012, 59, 824-830.	2.1	94
1349	Attention strongly increases oxygen metabolic response to stimulus in primary visual cortex. <i>NeuroImage</i> , 2012, 59, 601-607.	2.1	37
1350	Abnormal cerebral cortical thinning pattern in adolescent girls with idiopathic scoliosis. <i>NeuroImage</i> , 2012, 59, 935-942.	2.1	40
1351	Not quite PIB-positive, not quite PIB-negative: Slight PIB elevations in elderly normal control subjects are biologically relevant. <i>NeuroImage</i> , 2012, 59, 1152-1160.	2.1	137
1352	Reconstruction of flexor and extensor muscle activities from electroencephalography cortical currents. <i>NeuroImage</i> , 2012, 59, 1324-1337.	2.1	58
1353	Measuring structuralâ€“functional correspondence: Spatial variability of specialised brain regions after macro-anatomical alignment. <i>NeuroImage</i> , 2012, 59, 1369-1381.	2.1	275
1354	Source cancellation profiles of electroencephalography and magnetoencephalography. <i>NeuroImage</i> , 2012, 59, 2464-2474.	2.1	41
1355	Stability of resting fMRI interregional correlations analyzed in subject-native space: A one-year longitudinal study in healthy adults and premanifest Huntington's disease. <i>NeuroImage</i> , 2012, 59, 2452-2463.	2.1	44
1356	BEaST: Brain extraction based on nonlocal segmentation technique. <i>NeuroImage</i> , 2012, 59, 2362-2373.	2.1	507
1357	Roles for the pre-supplementary motor area and the right inferior frontal gyrus in stopping action: Electrophysiological responses and functional and structural connectivity. <i>NeuroImage</i> , 2012, 59, 2860-2870.	2.1	383
1358	Cortical current source estimation from electroencephalography in combination with near-infrared spectroscopy as a hierarchical prior. <i>NeuroImage</i> , 2012, 59, 4006-4021.	2.1	49
1359	Maternal history of reading difficulty is associated with reduced language-related gray matter in beginning readers. <i>NeuroImage</i> , 2012, 59, 3021-3032.	2.1	76
1360	Retinotopic maps and hemodynamic delays in the human visual cortex measured using arterial spin labeling. <i>NeuroImage</i> , 2012, 59, 4044-4054.	2.1	20
1361	When do you grasp the idea? MEG evidence for instantaneous idiom understanding. <i>NeuroImage</i> , 2012, 59, 3502-3513.	2.1	133

#	ARTICLE	IF	CITATIONS
1362	Consistent reconstruction of cortical surfaces from longitudinal brain MR images. <i>NeuroImage</i> , 2012, 59, 3805-3820.	2.1	96
1363	Cortical thickness changes following spatial navigation training in adulthood and aging. <i>NeuroImage</i> , 2012, 59, 3389-3397.	2.1	77
1364	A spatiotemporal dynamic distributed solution to the MEG inverse problem. <i>NeuroImage</i> , 2012, 63, 894-909.	2.1	63
1365	The utility of near-infrared spectroscopy in the regression of low-frequency physiological noise from functional magnetic resonance imaging data. <i>NeuroImage</i> , 2012, 59, 3128-3138.	2.1	37
1366	Individualized localization and cortical surface-based registration of intracranial electrodes. <i>NeuroImage</i> , 2012, 59, 3563-3570.	2.1	213
1367	Functional organization of the left inferior precentral sulcus: Dissociating the inferior frontal eye field and the inferior frontal junction. <i>NeuroImage</i> , 2012, 59, 3829-3837.	2.1	50
1368	Test-retest variability underlying fMRI measurements. <i>NeuroImage</i> , 2012, 60, 717-727.	2.1	42
1369	Differential effects of surface area, gyrification and cortical thickness on voxel based morphometric deficits in schizophrenia. <i>NeuroImage</i> , 2012, 60, 693-699.	2.1	112
1370	A reliable protocol for the manual segmentation of the human amygdala and its subregions using ultra-high resolution MRI. <i>NeuroImage</i> , 2012, 60, 1226-1235.	2.1	84
1371	FreeSurfer. <i>NeuroImage</i> , 2012, 62, 774-781.	2.1	6,482
1372	Brain templates and atlases. <i>NeuroImage</i> , 2012, 62, 911-922.	2.1	461
1373	The time-course of single-word reading: Evidence from fast behavioral and brain responses. <i>NeuroImage</i> , 2012, 60, 1462-1477.	2.1	86
1374	Combining atlas-based parcellation of regional brain data acquired across scanners at 1.5T and 3.0T field strengths. <i>NeuroImage</i> , 2012, 60, 940-951.	2.1	42
1375	Multi-projection magnetic resonance inverse imaging of the human visuomotor system. <i>NeuroImage</i> , 2012, 61, 304-313.	2.1	7
1376	Characteristic cortical thickness patterns in adolescents with autism spectrum disorders: Interactions with age and intellectual ability revealed by canonical correlation analysis. <i>NeuroImage</i> , 2012, 60, 1890-1901.	2.1	41
1377	A quantitative spatial comparison of high-density diffuse optical tomography and fMRI cortical mapping. <i>NeuroImage</i> , 2012, 61, 1120-1128.	2.1	205
1378	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
1379	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

#	ARTICLE	IF	CITATIONS
1380	Disconnectivity of the cortical ocular motor control network in autism spectrum disorders. <i>NeuroImage</i> , 2012, 61, 1226-1234.	2.1	33
1381	Measuring and comparing brain cortical surface area and other areal quantities. <i>NeuroImage</i> , 2012, 61, 1428-1443.	2.1	157
1382	Focal cortical damage parallels cognitive impairment in minimal hepatic encephalopathy. <i>NeuroImage</i> , 2012, 61, 1165-1175.	2.1	39
1383	Automatic sulcal line extraction on cortical surfaces using geodesic path density maps. <i>NeuroImage</i> , 2012, 61, 941-949.	2.1	30
1384	Combining MRI and CSF measures for classification of Alzheimer's disease and prediction of mild cognitive impairment conversion. <i>NeuroImage</i> , 2012, 62, 229-238.	2.1	275
1385	Multisensory speech perception without the left superior temporal sulcus. <i>NeuroImage</i> , 2012, 62, 1825-1832.	2.1	43
1386	States of mind: Emotions, body feelings, and thoughts share distributed neural networks. <i>NeuroImage</i> , 2012, 62, 2110-2128.	2.1	131
1387	Naming impairment in Alzheimer's disease is associated with left anterior temporal lobe atrophy. <i>NeuroImage</i> , 2012, 63, 348-355.	2.1	88
1388	An empirical comparison of surface-based and volume-based group studies in neuroimaging. <i>NeuroImage</i> , 2012, 63, 1443-1453.	2.1	76
1389	Consistency and interpretation of changes in millimeter-scale cortical intrinsic curvature across three independent datasets in schizophrenia. <i>NeuroImage</i> , 2012, 63, 611-621.	2.1	46
1390	Benefits of multi-modal fusion analysis on a large-scale dataset: Life-span patterns of inter-subject variability in cortical morphometry and white matter microstructure. <i>NeuroImage</i> , 2012, 63, 365-380.	2.1	137
1391	Growth of language-related brain areas after foreign language learning. <i>NeuroImage</i> , 2012, 63, 240-244.	2.1	271
1392	Episodic memory of APOE $\epsilon$ 4 carriers is correlated with fractional anisotropy, but not cortical thickness, in the medial temporal lobe. <i>NeuroImage</i> , 2012, 63, 507-516.	2.1	19
1393	Quantitative mouse brain phenotyping based on single and multispectral MR protocols. <i>NeuroImage</i> , 2012, 63, 1633-1645.	2.1	31
1394	Larger is twistier: Spectral analysis of gyrification (SPANGY) applied to adult brain size polymorphism. <i>NeuroImage</i> , 2012, 63, 1257-1272.	2.1	69
1395	Intermodal attention modulates visual processing in dorsal and ventral streams. <i>NeuroImage</i> , 2012, 63, 1295-1304.	2.1	6
1396	Role of fusiform and anterior temporal cortical areas in facial recognition. <i>NeuroImage</i> , 2012, 63, 1743-1753.	2.1	102
1397	Disentangling linear and nonlinear brain responses to evoked deep tissue pain. <i>Pain</i> , 2012, 153, 2140-2151.	2.0	54

#	ARTICLE	IF	CITATIONS
1398	Longitudinal progression of frontal and temporal lobe changes in schizophrenia. <i>Schizophrenia Research</i> , 2012, 139, 1-6.	1.1	75
1399	Temporal and frontal cortical thickness associations with M100 auditory activity and attention in healthy controls and individuals with schizophrenia. <i>Schizophrenia Research</i> , 2012, 140, 250-257.	1.1	34
1400	Abnormal topological organization of structural brain networks in schizophrenia. <i>Schizophrenia Research</i> , 2012, 141, 109-118.	1.1	135
1401	Changes in regional brain volume three months after stroke. <i>Journal of the Neurological Sciences</i> , 2012, 322, 122-128.	0.3	75
1402	Diffusion properties of cortical and pericortical tissue: regional variations, reliability and methodological issues. <i>Magnetic Resonance Imaging</i> , 2012, 30, 1111-1122.	1.0	28
1403	Hippocampal atrophy in Alzheimer's disease. <i>Neurodegenerative Disease Management</i> , 2012, 2, 197-209.	1.2	2
1404	Clinical applications of imaging disease burden in multiple sclerosis: MRI and advanced imaging techniques. <i>Expert Review of Neurotherapeutics</i> , 2012, 12, 323-333.	1.4	11
1405	Brain tissue MR-image segmentation via optimum-path forest clustering. <i>Computer Vision and Image Understanding</i> , 2012, 116, 1047-1059.	3.0	34
1406	Quantitative assessment of diffuse optical tomography sensitivity to the cerebral cortex using a whole-head probe. <i>Physics in Medicine and Biology</i> , 2012, 57, 2857-2872.	1.6	32
1407	CSF biomarker associations with change in hippocampal volume and precuneus thickness: implications for the Alzheimer's pathological cascade. <i>Brain Imaging and Behavior</i> , 2012, 6, 599-609.	1.1	46
1408	Beta amyloid, tau, neuroimaging, and cognition: sequence modeling of biomarkers for Alzheimer's Disease. <i>Brain Imaging and Behavior</i> , 2012, 6, 610-620.	1.1	59
1409	Cortical signatures of cognition and their relationship to Alzheimer's disease. <i>Brain Imaging and Behavior</i> , 2012, 6, 584-598.	1.1	24
1410	Voxel and surface-based topography of memory and executive deficits in mild cognitive impairment and Alzheimer's disease. <i>Brain Imaging and Behavior</i> , 2012, 6, 551-567.	1.1	66
1411	Cortical thinning in amphetamine-type stimulant users. <i>Neuroscience</i> , 2012, 221, 182-192.	1.1	32
1412	SUMA. <i>NeuroImage</i> , 2012, 62, 768-773.	2.1	217
1413	Modifiable factors that alter the size of the hippocampus with ageing. <i>Nature Reviews Neurology</i> , 2012, 8, 189-202.	4.9	282
1414	Relationship between Neurocognition and Regional Brain Volumes in Traumatized Adolescents with and without Posttraumatic Stress Disorder. <i>Neuropsychobiology</i> , 2012, 66, 174-184.	0.9	28
1415	Multimodal functional and structural imaging investigations in psychosis research. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2012, 262, 97-106.	1.8	42

#	ARTICLE	IF	CITATIONS
1416	Anisotropic spherical head model and its application to imaging electric activity of the brain. <i>Physical Review E</i> , 2012, 86, 011917.	0.8	12
1417	Local and global volume changes of subcortical brain structures from longitudinally varying neuroimaging data for dementia identification. <i>Computerized Medical Imaging and Graphics</i> , 2012, 36, 464-473.	3.5	10
1418	Retinotopic activity in V1 reflects the perceived and not the retinal size of an afterimage. <i>Nature Neuroscience</i> , 2012, 15, 540-542.	7.1	124
1419	Brain Imaging and Hepatic Encephalopathy. <i>Clinics in Liver Disease</i> , 2012, 16, 57-72.	1.0	38
1420	Neuroimaging of structural pathology and connectomics in traumatic brain injury: Toward personalized outcome prediction. <i>NeuroImage: Clinical</i> , 2012, 1, 1-17.	1.4	111
1421	Functional Neuroimaging in Exercise and Sport Sciences. , 2012, , .		17
1422	Interaction of cortical networks mediating object motion detection by moving observers. <i>Experimental Brain Research</i> , 2012, 221, 177-189.	0.7	19
1423	Quantitative and qualitative assessment of structural magnetic resonance imaging data in a two-center study. <i>BMC Medical Imaging</i> , 2012, 12, 27.	1.4	38
1424	Correlating anterior insula gray matter volume changes in young people with clinical and neurocognitive outcomes: an MRI study. <i>BMC Psychiatry</i> , 2012, 12, 45.	1.1	54
1425	Neuropsychiatric Dysfunction in Multiple Sclerosis. , 2012, , .		8
1426	Machine Learning in Medical Imaging. <i>Lecture Notes in Computer Science</i> , 2012, , .	1.0	5
1427	Imaging techniques for presurgical evaluation of temporal lobe epilepsy. <i>Imaging in Medicine</i> , 2012, 4, 443-459.	0.0	2
1428	Regional Brain Differences in Cortical Thickness, Surface Area and Subcortical Volume in Individuals with Williams Syndrome. <i>PLoS ONE</i> , 2012, 7, e31913.	1.1	60
1429	Sex Matters during Adolescence: Testosterone-Related Cortical Thickness Maturation Differs between Boys and Girls. <i>PLoS ONE</i> , 2012, 7, e33850.	1.1	145
1430	Multishot versus Single-Shot Pulse Sequences in Very High Field fMRI: A Comparison Using Retinotopic Mapping. <i>PLoS ONE</i> , 2012, 7, e34626.	1.1	24
1431	Retinotopic Maps, Spatial Tuning, and Locations of Human Visual Areas in Surface Coordinates Characterized with Multifocal and Blocked fMRI Designs. <i>PLoS ONE</i> , 2012, 7, e36859.	1.1	48
1432	Reduced Gray to White Matter Tissue Intensity Contrast in Schizophrenia. <i>PLoS ONE</i> , 2012, 7, e37016.	1.1	23
1433	Clustering of Resting State Networks. <i>PLoS ONE</i> , 2012, 7, e40370.	1.1	162

#	ARTICLE	IF	CITATIONS
1434	Early Brain Vulnerability in Wolfram Syndrome. PLoS ONE, 2012, 7, e40604.	1.1	77
1435	The Influence of Socioeconomic Status on Children's Brain Structure. PLoS ONE, 2012, 7, e42486.	1.1	235
1436	Theta Oscillations Are Sensitive to Both Early and Late Conflict Processing Stages: Effects of Alcohol Intoxication. PLoS ONE, 2012, 7, e43957.	1.1	53
1437	Harmony: EEG/MEG Linear Inverse Source Reconstruction in the Anatomical Basis of Spherical Harmonics. PLoS ONE, 2012, 7, e44439.	1.1	21
1438	Hemispherically-Unified Surface Maps of Human Cerebral Cortex: Reliability and Hemispheric Asymmetries. PLoS ONE, 2012, 7, e45582.	1.1	30
1439	A Network Model of Observation and Imitation of Speech. Frontiers in Psychology, 2012, 3, 84.	1.1	25
1440	Event-Related Theta Power during Lexical-Semantic Retrieval and Decision Conflict is Modulated by Alcohol Intoxication: Anatomically Constrained MEG. Frontiers in Psychology, 2012, 3, 121.	1.1	39
1441	Structural Variation within the Amygdala and Ventromedial Prefrontal Cortex Predicts Memory for Impressions in Older Adults. Frontiers in Psychology, 2012, 3, 319.	1.1	13
1442	Patient-Tailored Connectomics Visualization for the Assessment of White Matter Atrophy in Traumatic Brain Injury. Frontiers in Neurology, 2012, 3, 10.	1.1	53
1443	The Unique Brain Anatomy of Meditation Practitioners: Alterations in Cortical Gyrification. Frontiers in Human Neuroscience, 2012, 6, 34.	1.0	152
1444	Investigating the Features of the M170 in Congenital Prosopagnosia. Frontiers in Human Neuroscience, 2012, 6, 45.	1.0	35
1445	Hippocampal volume varies with educational attainment across the life-span. Frontiers in Human Neuroscience, 2012, 6, 307.	1.0	109
1446	Visual Systems for Interactive Exploration and Mining of Large-Scale Neuroimaging Data Archives. Frontiers in Neuroinformatics, 2012, 6, 11.	1.3	22
1447	Automated measurement of the human corpus callosum using MRI. Frontiers in Neuroinformatics, 2012, 6, 25.	1.3	43
1448	101 Labeled Brain Images and a Consistent Human Cortical Labeling Protocol. Frontiers in Neuroscience, 2012, 6, 171.	1.4	809
1449	Network, Anatomical, and Non-Imaging Measures for the Prediction of ADHD Diagnosis in Individual Subjects. Frontiers in Systems Neuroscience, 2012, 6, 78.	1.2	50
1450	Circular representation of human cortical networks for subject and population-level connectomic visualization. NeuroImage, 2012, 60, 1340-1351.	2.1	132
1451	Alzheimer Disease: New Concepts on Its Neurobiology and the Clinical Role Imaging Will Play. Radiology, 2012, 263, 344-361.	3.6	192



#	ARTICLE	IF	CITATIONS
1452	Hierarchical Genetic Organization of Human Cortical Surface Area. <i>Science</i> , 2012, 335, 1634-1636.	6.0	266
1453	Electrocorticography links human temporoparietal junction to visual perception. <i>Nature Neuroscience</i> , 2012, 15, 957-959.	7.1	58
1454	Automatic skull stripping in brain MRI based on local moment of inertia structure tensor. , 2012, , .		1
1455	Combined magnitude and phase-based segmentation of the cerebral cortex in 7T MR images of the elderly. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 36, 99-109.	1.9	6
1456	Reproducibility of single-subject fMRI language mapping with AMPLE normalization. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 36, 569-580.	1.9	33
1457	Magnetic resonance imaging of the substantia nigra in Parkinson's disease. <i>Movement Disorders</i> , 2012, 27, 822-830.	2.2	80
1458	Volumetric navigators for prospective motion correction and selective reacquisition in neuroanatomical MRI. <i>Magnetic Resonance in Medicine</i> , 2012, 68, 389-399.	1.9	338
1459	Regional brain volume reductions relate to facial dysmorphology and neurocognitive function in fetal alcohol spectrum disorders. <i>Human Brain Mapping</i> , 2012, 33, 920-937.	1.9	103
1460	Predicting functional motor potential in chronic stroke patients using diffusion tensor imaging. <i>Human Brain Mapping</i> , 2012, 33, 1040-1051.	1.9	221
1461	Spatiotemporal brain mapping of spatial attention effects on pattern-reversal ERPs. <i>Human Brain Mapping</i> , 2012, 33, 1334-1351.	1.9	56
1462	Cortical thickness is linked to executive functioning in adulthood and aging. <i>Human Brain Mapping</i> , 2012, 33, 1607-1620.	1.9	110
1463	Understanding specific effects of prenatal alcohol exposure on brain structure in young adults. <i>Human Brain Mapping</i> , 2012, 33, 1663-1676.	1.9	56
1464	Retinotopic mapping of the peripheral visual field to human visual cortex by functional magnetic resonance imaging. <i>Human Brain Mapping</i> , 2012, 33, 1727-1740.	1.9	59
1465	Functional and structural correlates of the aging brain: Relating visual cortex (V1) gamma band responses to age-related structural change. <i>Human Brain Mapping</i> , 2012, 33, 2035-2046.	1.9	76
1466	Role of medial cortical networks for anticipatory processing in obsessive-compulsive disorder. <i>Human Brain Mapping</i> , 2012, 33, 2125-2134.	1.9	21
1467	Brain structural trajectories over the adult lifespan. <i>Human Brain Mapping</i> , 2012, 33, 2377-2389.	1.9	199
1468	Assessment of cortical degeneration in patients with Parkinson's disease by voxel-based morphometry, cortical folding, and cortical thickness. <i>Human Brain Mapping</i> , 2012, 33, 2521-2534.	1.9	184
1469	Unbiased comparison of sample size estimates from longitudinal structural measures in ADNI. <i>Human Brain Mapping</i> , 2012, 33, 2586-2602.	1.9	83

#	ARTICLE	IF	CITATIONS
1470	Physiological noise reduction using volumetric functional magnetic resonance inverse imaging. <i>Human Brain Mapping</i> , 2012, 33, 2815-2830.	1.9	26
1471	Beta oscillations relate to the N400m during language comprehension. <i>Human Brain Mapping</i> , 2012, 33, 2898-2912.	1.9	131
1472	Effect of <i>DISC1</i> SNPs on brain structure in healthy controls and patients with a history of psychosis. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2012, 159B, 722-730.	1.1	14
1473	Binge drinking differentially affects adolescent male and female brain morphometry. <i>Psychopharmacology</i> , 2012, 220, 529-539.	1.5	173
1474	Vivid visual mental imagery in the absence of the primary visual cortex. <i>Journal of Neurology</i> , 2012, 259, 1062-1070.	1.8	58
1475	Reducing the Interval Between Volume Acquisitions Improves <i>“Sparse”</i> Scanning Protocols in Event-related Auditory fMRI. <i>Brain Topography</i> , 2012, 25, 182-193.	0.8	16
1476	Neuroanatomic correlates of psychogenic nonepileptic seizures: A cortical thickness and VBM study. <i>Epilepsia</i> , 2012, 53, 377-385.	2.6	140
1477	Magnetic resonance volumetry and spectroscopy of hippocampus and insula in relation to severe exposure of traumatic stress. <i>Psychophysiology</i> , 2012, 49, 261-270.	1.2	19
1478	Unconscious response priming by shape depends on geniculostriate visual projection. <i>European Journal of Neuroscience</i> , 2012, 35, 623-633.	1.2	25
1479	Psychological dysregulation, white matter disorganization and substance use disorders in adolescence. <i>Addiction</i> , 2012, 107, 206-214.	1.7	59
1480	Automated approaches for analysis of multimodal MRI acquisitions in a study of cognitive aging. <i>Computer Methods and Programs in Biomedicine</i> , 2012, 106, 328-341.	2.6	17
1481	Entorhinal cortical thinning affects perceptual and cognitive functions in adolescents born preterm with very low birth weight (VLBW). <i>Early Human Development</i> , 2012, 88, 103-109.	0.8	45
1482	Oxygen-enhanced MRI in temporal lobe epilepsy: Diagnosis and lateralization. <i>Epilepsy Research</i> , 2012, 98, 50-61.	0.8	4
1483	A cross-sectional MRI study of brain regional atrophy and clinical characteristics of temporal lobe epilepsy with hippocampal sclerosis. <i>Epilepsy Research</i> , 2012, 99, 156-166.	0.8	29
1484	Different roles of the posterior inferior frontal gyrus in Chinese character form judgment differences between literate and illiterate individuals. <i>Brain Research</i> , 2012, 1431, 69-76.	1.1	6
1485	Abnormal gray matter aging in chronic pain patients. <i>Brain Research</i> , 2012, 1456, 82-93.	1.1	74
1486	A Case-Control Study on Cortical Thickness in Episodic Cluster Headache. <i>Headache</i> , 2012, 52, 1362-1368.	1.8	31
1487	Widespread cortical morphologic changes in juvenile myoclonic epilepsy: Evidence from structural MRI. <i>Epilepsia</i> , 2012, 53, 651-658.	2.6	61

#	ARTICLE	IF	CITATIONS
1488	Brain structure and aging in chronic temporal lobe epilepsy. <i>Epilepsia</i> , 2012, 53, 1033-1043.	2.6	44
1489	Asymmetric cortical surface area and morphology changes in mesial temporal lobe epilepsy with hippocampal sclerosis. <i>Epilepsia</i> , 2012, 53, 995-1003.	2.6	31
1490	Cortical abnormalities and their cognitive correlates in patients with temporal lobe epilepsy and interictal psychosis. <i>Epilepsia</i> , 2012, 53, 1077-1087.	2.6	21
1491	A multivariate twin study of hippocampal volume, self-esteem and well-being in middle-aged men. <i>Genes, Brain and Behavior</i> , 2012, 11, 539-544.	1.1	19
1492	Refractive surgery in anisometropic adult patients induce plastic changes in primary visual cortex. <i>Acta Ophthalmologica</i> , 2012, 90, 669-676.	0.6	9
1493	Cortical surface mapping using topology correction, partial flattening and 3D shape context-based non-rigid registration for use in quantifying atrophy in Alzheimer's disease. <i>Journal of Neuroscience Methods</i> , 2012, 205, 96-109.	1.3	17
1494	An accurate skull stripping method based on simplex meshes and histogram analysis for magnetic resonance images. <i>Journal of Neuroscience Methods</i> , 2012, 206, 103-119.	1.3	61
1495	Uncovering neural independent components from highly artifactual TMS-evoked EEG data. <i>Journal of Neuroscience Methods</i> , 2012, 209, 144-157.	1.3	49
1496	Higher prefrontal cortical thickness in high schizotypal personality trait. <i>Journal of Psychiatric Research</i> , 2012, 46, 960-965.	1.5	48
1497	Consistent segmentation using a Rician classifier. <i>Medical Image Analysis</i> , 2012, 16, 524-535.	7.0	26
1498	Degrees of separation: A quantitative neuroimaging meta-analysis investigating self-specificity and shared neural activation between self- and other-reflection. <i>Neuroscience and Biobehavioral Reviews</i> , 2012, 36, 1043-1059.	2.9	307
1499	Memory ability and hippocampal volume in adolescents with prenatal drug exposure. <i>Neurotoxicology and Teratology</i> , 2012, 34, 434-441.	1.2	20
1500	Structural abnormalities in language circuits in genetic high-risk subjects and schizophrenia patients. <i>Psychiatry Research - Neuroimaging</i> , 2012, 201, 182-189.	0.9	40
1501	Further understanding of the comorbidity between attention-deficit/hyperactivity disorder and bipolar disorder in adults: An MRI study of cortical thickness. <i>Psychiatry Research - Neuroimaging</i> , 2012, 202, 1-11.	0.9	18
1502	Brain Surface Conformal Parameterization With the Ricci Flow. <i>IEEE Transactions on Medical Imaging</i> , 2012, 31, 251-264.	5.4	64
1503	Registration of Images With Varying Topology Using Embedded Maps. <i>IEEE Transactions on Medical Imaging</i> , 2012, 31, 749-765.	5.4	14
1504	Entorhinal verrucae correlate with surface geometry. <i>Translational Neuroscience</i> , 2012, 3, .	0.7	2
1505	Gesture in the developing brain. <i>Developmental Science</i> , 2012, 15, 165-180.	1.3	48

#	ARTICLE	IF	CITATIONS
1506	Inconsistency and uncertainty of the human visual area loci following surface-based registration: Probability and Entropy Maps. <i>Human Brain Mapping</i> , 2012, 33, 121-129.	1.9	13
1507	Acute alcohol intoxication impairs top-down regulation of stroop incongruity as revealed by blood oxygen level-dependent functional magnetic resonance imaging. <i>Human Brain Mapping</i> , 2012, 33, 319-333.	1.9	71
1508	Individual variability in the shape and amplitude of the BOLD-HRF correlates with endogenous GABAergic inhibition. <i>Human Brain Mapping</i> , 2012, 33, 455-465.	1.9	109
1509	Different structural correlates for verbal memory impairment in temporal lobe epilepsy with and without mesial temporal lobe sclerosis. <i>Human Brain Mapping</i> , 2012, 33, 489-499.	1.9	54
1510	Regional thinning of cerebral cortical thickness in first episode and chronic schizophrenia. <i>International Journal of Imaging Systems and Technology</i> , 2012, 22, 73-80.	2.7	3
1511	Structural changes of the brain in rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2012, 64, 371-379.	6.7	95
1512	Hippocampal Subregions are Differentially Affected in the Progression to Alzheimer's Disease. <i>Anatomical Record</i> , 2012, 295, 132-140.	0.8	34
1513	CETP polymorphisms associate with brain structure, atrophy rate, and Alzheimer's disease risk in an APOE-dependent manner. <i>Brain Imaging and Behavior</i> , 2012, 6, 16-26.	1.1	27
1514	Normal variation in behavioral adjustment relates to regional differences in cortical thickness in children. <i>European Child and Adolescent Psychiatry</i> , 2012, 21, 133-140.	2.8	21
1515	Comparison of vertical and horizontal saccade measures and their relation to gray matter changes in premanifest and manifest Huntington disease. <i>Journal of Neurology</i> , 2012, 259, 267-276.	1.8	28
1516	Chronic cigarette smoking in alcohol dependence: associations with cortical thickness and N-acetylaspartate levels in the extended brain reward system. <i>Addiction Biology</i> , 2013, 18, 379-391.	1.4	66
1517	Association between white matter microstructure, executive functions, and processing speed in older adults: The impact of vascular health. <i>Human Brain Mapping</i> , 2013, 34, 77-95.	1.9	118
1518	Electric field calculations in brain stimulation based on finite elements: An optimized processing pipeline for the generation and usage of accurate individual head models. <i>Human Brain Mapping</i> , 2013, 34, 923-935.	1.9	353
1519	Geometric computation of human gyrification indexes from magnetic resonance images. <i>Human Brain Mapping</i> , 2013, 34, 1230-1244.	1.9	39
1520	Probing principles of large-scale object representation: Category preference and location encoding. <i>Human Brain Mapping</i> , 2013, 34, 1636-1651.	1.9	35
1521	Emotional expressions in voice and music: Same code, same effect?. <i>Human Brain Mapping</i> , 2013, 34, 1796-1810.	1.9	68
1522	Interindividual variation in serum cholesterol is associated with regional white matter tissue integrity in older adults. <i>Human Brain Mapping</i> , 2013, 34, 1826-1841.	1.9	63
1523	Sparse current source estimation for MEG using loose orientation constraints. <i>Human Brain Mapping</i> , 2013, 34, 2190-2201.	1.9	12

#	ARTICLE	IF	CITATIONS
1524	Automated subcortical segmentation using FIRST: Test-retest reliability, interscanner reliability, and comparison to manual segmentation. <i>Human Brain Mapping</i> , 2013, 34, 2313-2329.	1.9	98
1525	Neural correlates of visual search in patients with hereditary retinal dystrophies. <i>Human Brain Mapping</i> , 2013, 34, 2607-2623.	1.9	18
1526	Brain correlates of phasic autonomic response to acupuncture stimulation: An event-related fMRI study. <i>Human Brain Mapping</i> , 2013, 34, 2592-2606.	1.9	67
1527	Improved prediction of Alzheimer's disease with longitudinal white matter/gray matter contrast changes. <i>Human Brain Mapping</i> , 2013, 34, 2775-2785.	1.9	19
1528	Effects of acute alcohol intoxication on saccadic conflict and error processing. <i>Psychopharmacology</i> , 2013, 230, 487-497.	1.5	27
1529	Sex differences in cortical thickness in middle aged and early old-aged adults: Personality and Total Health Through Life study. <i>Neuroradiology</i> , 2013, 55, 697-707.	1.1	12
1530	Atlas-Based Neuroinformatics via MRI: Harnessing Information from Past Clinical Cases and Quantitative Image Analysis for Patient Care. <i>Annual Review of Biomedical Engineering</i> , 2013, 15, 71-92.	5.7	49
1531	Grey and white matter abnormalities in temporal lobe epilepsy with and without mesial temporal sclerosis. <i>Journal of Neurology</i> , 2013, 260, 2320-2329.	1.8	91
1532	Neuroimaging of Movement Disorders. , 2013, , .		1
1534	The anatomical basis of dystonia: Current view using neuroimaging. <i>Movement Disorders</i> , 2013, 28, 944-957.	2.2	161
1535	Enhanced Spontaneous Oscillations in the Supplementary Motor Area Are Associated with Sleep-Dependent Offline Learning of Finger-Tapping Motor-Sequence Task. <i>Journal of Neuroscience</i> , 2013, 33, 13894-13902.	1.7	80
1536	Cortical thinning in young psychosis and bipolar patients correlate with common neurocognitive deficits. <i>International Journal of Bipolar Disorders</i> , 2013, 1, 3.	0.8	32
1537	The MCIC Collection: A Shared Repository of Multi-Modal, Multi-Site Brain Image Data from a Clinical Investigation of Schizophrenia. <i>Neuroinformatics</i> , 2013, 11, 367-388.	1.5	168
1538	Multivariate classification of patients with Alzheimer's and dementia with Lewy bodies using high-dimensional cortical thickness measurements: an MRI surface-based morphometric study. <i>Journal of Neurology</i> , 2013, 260, 1104-1115.	1.8	41
1539	Diffusion tensor imaging reveals widespread white matter abnormalities in children and adolescents with myotonic dystrophy type 1. <i>Journal of Neurology</i> , 2013, 260, 1122-1131.	1.8	40
1540	Auditory Magnetic Response to Clicks in Children and Adults: Its Components, Hemispheric Lateralization and Repetition Suppression Effect. <i>Brain Topography</i> , 2013, 26, 410-427.	0.8	29
1541	Teichmüller Shape Descriptor and Its Application to Alzheimer's Disease Study. <i>International Journal of Computer Vision</i> , 2013, 105, 155-170.	10.9	15
1542	Associations between cortical thickness and general intelligence in children, adolescents and young adults. <i>Intelligence</i> , 2013, 41, 597-606.	1.6	90

#	ARTICLE	IF	CITATIONS
1543	Tracking the Roots of Reading Ability: White Matter Volume and Integrity Correlate with Phonological Awareness in Prereading and Early-Reading Kindergarten Children. <i>Journal of Neuroscience</i> , 2013, 33, 13251-13258.	1.7	207
1544	Spatially constrained hierarchical parcellation of the brain with resting-state fMRI. <i>NeuroImage</i> , 2013, 76, 313-324.	2.1	203
1545	Altered cortical gyrification patterns in panic disorder: Deficits and potential compensation. <i>Journal of Psychiatric Research</i> , 2013, 47, 1446-1454.	1.5	14
1546	Human middle longitudinal fascicle: segregation and behavioral-clinical implications of two distinct fiber connections linking temporal pole and superior temporal gyrus with the angular gyrus or superior parietal lobule using multi-tensor tractography. <i>Brain Imaging and Behavior</i> , 2013, 7, 335-352.	1.1	95
1547	Gyrification, cortical and subcortical morphometry in neurofibromatosis type 1: an uneven profile of developmental abnormalities. <i>Journal of Neurodevelopmental Disorders</i> , 2013, 5, 3.	1.5	36
1548	Frontal cortical thinning and subcortical volume reductions in early adulthood obesity. <i>Psychiatry Research - Neuroimaging</i> , 2013, 214, 109-115.	0.9	105
1549	Impact of regional cortical and subcortical changes on processing speed in cerebral small vessel disease. <i>NeuroImage: Clinical</i> , 2013, 2, 854-861.	1.4	48
1550	Patterns of cortical thickness and the Child Behavior Checklist in childhood epilepsy. <i>Epilepsy and Behavior</i> , 2013, 29, 198-204.	0.9	20
1551	Pattern classification precedes region-average hemodynamic response in early visual cortex. <i>NeuroImage</i> , 2013, 78, 249-260.	2.1	21
1552	Feasibility of studying brain morphology in major depressive disorder with structural magnetic resonance imaging and clinical data from the electronic medical record: A pilot study. <i>Psychiatry Research - Neuroimaging</i> , 2013, 211, 202-213.	0.9	12
1553	Cardio-metabolic risk factors and cortical thickness in a neurologically healthy male population: Results from the psychological, social and biological determinants of ill health (pSoBid) study. <i>NeuroImage: Clinical</i> , 2013, 2, 646-657.	1.4	27
1554	Cortical Thickness, Surface Area, and Gyrification Abnormalities in Children Exposed to Maltreatment: Neural Markers of Vulnerability?. <i>Biological Psychiatry</i> , 2013, 74, 845-852.	0.7	184
1555	Structural imaging differences and longitudinal changes in primary lateral sclerosis and amyotrophic lateral sclerosis. <i>NeuroImage: Clinical</i> , 2013, 2, 151-160.	1.4	66
1556	Mapping subcortical brain maturation during adolescence: evidence of hemisphere- and sex-specific longitudinal changes. <i>Developmental Science</i> , 2013, 16, 772-791.	1.3	119
1557	Sex differences in thickness, and folding developments throughout the cortex. <i>NeuroImage</i> , 2013, 82, 200-207.	2.1	182
1558	Inter-regional cortical thickness correlations are associated with autistic symptoms: A machine-learning approach. <i>Journal of Psychiatric Research</i> , 2013, 47, 453-459.	1.5	57
1559	Integration of structural and functional magnetic resonance imaging improves mild cognitive impairment detection. <i>Magnetic Resonance Imaging</i> , 2013, 31, 718-732.	1.0	19
1560	Development of a method to present wide-view visual stimuli in MRI for peripheral visual studies. <i>Journal of Neuroscience Methods</i> , 2013, 214, 126-136.	1.3	20

#	ARTICLE	IF	CITATIONS
1561	Regional cerebral volumes in veterans with current versus remitted posttraumatic stress disorder. <i>Psychiatry Research - Neuroimaging</i> , 2013, 213, 193-201.	0.9	48
1562	Modeling trajectories of regional volume loss in progressive supranuclear palsy. <i>Movement Disorders</i> , 2013, 28, 1117-1124.	2.2	36
1563	Intrinsic gray-matter connectivity of the brain in adults with autism spectrum disorder. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 13222-13227.	3.3	99
1564	Surface based analysis of diffusion orientation for identifying architectonic domains in the in vivo human cortex. <i>NeuroImage</i> , 2013, 69, 87-100.	2.1	134
1565	Detection of correlated sources in EEG using combination of beamforming and surface Laplacian methods. <i>Journal of Neuroscience Methods</i> , 2013, 218, 96-102.	1.3	17
1566	Intracranial Electroencephalography Reveals Different Temporal Profiles for Dorsal- and Ventro-lateral Prefrontal Cortex in Preparing to Stop Action. <i>Cerebral Cortex</i> , 2013, 23, 2479-2488.	1.6	65
1567	Motor cortex and gait in mild cognitive impairment: a magnetic resonance spectroscopy and volumetric imaging study. <i>Brain</i> , 2013, 136, 859-871.	3.7	86
1568	3D brain tumor segmentation in multimodal MR images based on learning population- and patient-specific feature sets. <i>Computerized Medical Imaging and Graphics</i> , 2013, 37, 512-521.	3.5	73
1569	Topographic Representation of Numerosity in the Human Parietal Cortex. <i>Science</i> , 2013, 341, 1123-1126.	6.0	425
1570	A Surface-based Analysis of Language Lateralization and Cortical Asymmetry. <i>Journal of Cognitive Neuroscience</i> , 2013, 25, 1477-1492.	1.1	188
1571	Quantifying the local tissue volume and composition in individual brains with magnetic resonance imaging. <i>Nature Medicine</i> , 2013, 19, 1667-1672.	15.2	261
1572	The utility of magnetoencephalography in the presurgical evaluation of refractory insular epilepsy. <i>Epilepsia</i> , 2013, 54, 1950-1959.	2.6	72
1573	BOLD response to working memory not related to cortical thickness during early adolescence. <i>Brain Research</i> , 2013, 1537, 59-68.	1.1	17
1574	Electroencephalographic inverse localization of brain activity in acute traumatic brain injury as a guide to surgery, monitoring and treatment. <i>Clinical Neurology and Neurosurgery</i> , 2013, 115, 2159-2165.	0.6	28
1575	Task-modulated activation and functional connectivity of the temporal and frontal areas during speech comprehension. <i>Neuroscience</i> , 2013, 237, 87-95.	1.1	30
1576	Imaging genetics "towards discovery neuroscience. <i>Quantitative Biology</i> , 2013, 1, 227-245.	0.3	18
1577	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
1578	Neural mechanisms of symptom improvements in generalized anxiety disorder following mindfulness training. <i>NeuroImage: Clinical</i> , 2013, 2, 448-458.	1.4	233

#	ARTICLE	IF	CITATIONS
1579	Comparison of spherical and realistically shaped boundary element head models for transcranial magnetic stimulation navigation. <i>Clinical Neurophysiology</i> , 2013, 124, 1995-2007.	0.7	86
1580	Aberrant functional connectivity between motor and language networks in rolandic epilepsy. <i>Epilepsy Research</i> , 2013, 107, 253-262.	0.8	65
1581	From Perception to Conception: How Meaningful Objects Are Processed over Time. <i>Cerebral Cortex</i> , 2013, 23, 187-197.	1.6	117
1582	Impartiality in humans is predicted by brain structure of dorsomedial prefrontal cortex. <i>NeuroImage</i> , 2013, 81, 317-324.	2.1	34
1583	Regional cortical volume and cognitive functioning following traumatic brain injury. <i>Brain and Cognition</i> , 2013, 83, 34-44.	0.8	52
1584	Focal thinning of the motor cortex mirrors clinical features of amyotrophic lateral sclerosis and their phenotypes: a neuroimaging study. <i>Journal of Neurology</i> , 2013, 260, 2856-2864.	1.8	68
1585	Divergent structural brain abnormalities between different genetic subtypes of children with Prader-Willi syndrome. <i>Journal of Neurodevelopmental Disorders</i> , 2013, 5, 31.	1.5	35
1586	S1 is Associated with Chronic Low Back Pain: A Functional and Structural MRI Study. <i>Molecular Pain</i> , 2013, 9, 1744-8069-9-43.	1.0	98
1587	Brain imaging predictors and the international study to predict optimized treatment for depression: study protocol for a randomized controlled trial. <i>Trials</i> , 2013, 14, 224.	0.7	34
1588	Alterations in brain structure related to breast cancer and its treatment: chemotherapy and other considerations. <i>Brain Imaging and Behavior</i> , 2013, 7, 374-387.	1.1	62
1589	Genomic Imprinting Effects of the X Chromosome on Brain Morphology. <i>Journal of Neuroscience</i> , 2013, 33, 8567-8574.	1.7	40
1590	Reduced thickness of anterior cingulate cortex in obsessive-compulsive disorder. <i>Cortex</i> , 2013, 49, 2178-2185.	1.1	44
1591	Connectivity-based parcellation of the postcentral gyrus using a spectral approach. , 2013, , .		0
1592	Effects of alcohol use initiation on brain structure in typically developing adolescents. <i>American Journal of Drug and Alcohol Abuse</i> , 2013, 39, 345-355.	1.1	112
1593	Wavelet-based sparse source imaging in localizing epileptic sources for partial epilepsy. , 2013, , .		0
1594	Examination of Frontal and Parietal Tectocortical Attention Pathways in Spina Bifida Meningomyelocele Using Probabilistic Diffusion Tractography. <i>Brain Connectivity</i> , 2013, 3, 512-522.	0.8	22
1595	A fuzzy approach to assess the indication of dementia based on magnetic reasoning imaging. , 2013, , .		3
1596	Multi-Modal Magnetic Resonance Imaging in the Acute and Sub-Acute Phase of Mild Traumatic Brain Injury: Can We See the Difference?. <i>Journal of Neurotrauma</i> , 2013, 30, 2-10.	1.7	101



#	ARTICLE	IF	CITATIONS
1597	The neural activation in human brain for object perception in wide field. , 2013, , .		0
1598	Diffusion characteristic analysis in human visual cortex. , 2013, , .		0
1599	Novel Surface-Smoothing Based Local Gyrfication Index. IEEE Transactions on Medical Imaging, 2013, 32, 660-669.	5.4	24
1600	Different neural response in human ventral visual cortex for the face and house in a wide visual field. , 2013, , .		0
1601	Association between Psychotic Symptoms and Cortical Thickness Reduction across the Schizophrenia Spectrum. Cerebral Cortex, 2013, 23, 61-70.	1.6	72
1602	The desire for healthy limb amputation: structural brain correlates and clinical features of xenomelia. Brain, 2013, 136, 318-329.	3.7	102
1603	Synthetic event-related potentials: A computational bridge between neurolinguistic models and experiments. Neural Networks, 2013, 37, 66-92.	3.3	24
1604	MRI-Based Brain Structure Volumes in Temporal Lobe Epilepsy Patients and their Unaffected Siblings: A Preliminary Study. Journal of Neuroimaging, 2013, 23, 64-70.	1.0	14
1605	Cortical thickness of superior frontal cortex predicts impulsiveness and perceptual reasoning in adolescence. Molecular Psychiatry, 2013, 18, 624-630.	4.1	87
1606	The visual cortex in schizophrenia: alterations of gyrfication rather than cortical thicknessâ€”a combined cortical shape analysis. Brain Structure and Function, 2013, 218, 51-58.	1.2	53
1607	Toward a minimally invasive brainâ€”computer interface using a single subdural channel: A visual speller study. NeuroImage, 2013, 71, 30-41.	2.1	40
1608	Intracranial volume estimated with commonly used methods could introduce bias in studies including brain volume measurements. NeuroImage, 2013, 83, 355-360.	2.1	90
1609	Regional cortical thickness in relapsing remitting multiple sclerosis: A multi-center study. NeuroImage: Clinical, 2013, 2, 120-131.	1.4	72
1610	Diffuse cerebral language representation in tuberous sclerosis complex. Epilepsy Research, 2013, 104, 125-133.	0.8	9
1611	Ricci flow-based spherical parameterization and surface registration. Computer Vision and Image Understanding, 2013, 117, 1107-1118.	3.0	8
1612	Minimum-norm cortical source estimation in layered head models is robust against skull conductivity error. NeuroImage, 2013, 81, 265-272.	2.1	48
1613	3D model-based approach to identification of laminar structures of the cerebral cortex: Application to Brodmann areas 17 and 18. Biomedical Signal Processing and Control, 2013, 8, 845-857.	3.5	0
1614	Cortical mapping by magnetic resonance imaging (MRI) and quantitative cytological analysis in the human brain: A feasibility study in the fusiform gyrus. Journal of Neuroscience Methods, 2013, 218, 9-16.	1.3	6

#	ARTICLE	IF	CITATIONS
1615	Effects of sutures and fontanels on MEG and EEG source analysis in a realistic infant head model. <i>NeuroImage</i> , 2013, 76, 282-293.	2.1	88
1616	Parallel motion signals to the medial and lateral motion areas V6 and MT+. <i>NeuroImage</i> , 2013, 67, 89-100.	2.1	44
1617	Widespread reductions in gray matter volume in depression. <i>NeuroImage: Clinical</i> , 2013, 3, 332-339.	1.4	301
1618	Brain function overlaps when people observe emblems, speech, and grasping. <i>Neuropsychologia</i> , 2013, 51, 1619-1629.	0.7	57
1619	Neuroanatomical correlates of olfactory loss in normal aged subjects. <i>Behavioural Brain Research</i> , 2013, 246, 148-153.	1.2	69
1620	The human homologue of macaque area V6A. <i>NeuroImage</i> , 2013, 82, 517-530.	2.1	129
1621	Evaluation and calibration of functional network modeling methods based on known anatomical connections. <i>NeuroImage</i> , 2013, 67, 331-343.	2.1	30
1622	The neural representation of face space dimensions. <i>Neuropsychologia</i> , 2013, 51, 1787-1793.	0.7	19
1623	Failure in developing high-level visual functions after occipitoparietal lesions at an early age: A case study. <i>Cortex</i> , 2013, 49, 2689-2699.	1.1	4
1624	The neostriatum and response selection in overt sentence production: An fMRI study. <i>NeuroImage</i> , 2013, 82, 53-60.	2.1	22
1625	Brain cortical thickness in the general elderly population: The Rotterdam Scan Study. <i>Neuroscience Letters</i> , 2013, 550, 189-194.	1.0	70
1626	White matter integrity in physically fit older adults. <i>NeuroImage</i> , 2013, 82, 510-516.	2.1	140
1627	Does amyloid deposition produce a specific atrophic signature in cognitively normal subjects?. <i>NeuroImage: Clinical</i> , 2013, 2, 249-257.	1.4	44
1628	Brain metabolite alterations in young adults at familial high risk for schizophrenia using proton magnetic resonance spectroscopy. <i>Schizophrenia Research</i> , 2013, 148, 59-66.	1.1	58
1629	Overlapping Structural and Functional Brain Changes in Patients With Long-Term Exposure to Fibromyalgia Pain. <i>Arthritis and Rheumatism</i> , 2013, 65, 3293-3303.	6.7	162
1630	A Graph-Based Brain Parcellation Method Extracting Sparse Networks. , 2013, , .		0
1631	The Structure of the Cerebral Cortex Across Adult Life: Age-Related Patterns of Surface Area, Thickness, and Gyrfication. <i>Cerebral Cortex</i> , 2013, 23, 2521-2530.	1.6	391
1632	Relationship between excitability, plasticity and thickness of the motor cortex in older adults. <i>NeuroImage</i> , 2013, 83, 809-816.	2.1	58

#	ARTICLE	IF	CITATIONS
1633	The effects of changing water content, relaxation times, and tissue contrast on tissue segmentation and measures of cortical anatomy in MR images. <i>Magnetic Resonance Imaging</i> , 2013, 31, 1709-1730.	1.0	44
1634	Intraoperative electrical stimulation of language switching in two bilingual patients. <i>Neuropsychologia</i> , 2013, 51, 2882-2892.	0.7	31
1635	Minimum norm estimates in MEG can delineate the onset of interictal epileptic discharges: A comparison with ECoG findings. <i>NeuroImage: Clinical</i> , 2013, 2, 663-669.	1.4	22
1636	Functional and structural aging of the speech sensorimotor neural system: functional magnetic resonance imaging evidence. <i>Neurobiology of Aging</i> , 2013, 34, 1935-1951.	1.5	29
1637	Brain development and aging: Overlapping and unique patterns of change. <i>NeuroImage</i> , 2013, 68, 63-74.	2.1	240
1638	Decreased gray matter diffusivity: A potential early Alzheimer's disease biomarker?. <i>Alzheimer's and Dementia</i> , 2013, 9, 93-97.	0.4	32
1639	A robust implementation of a kurtosis beamformer for the accurate identification of epileptogenic foci. <i>Clinical Neurophysiology</i> , 2013, 124, 658-666.	0.7	10
1640	Distinctive age-related temporal cortical thinning in asymptomatic granulin gene mutation carriers. <i>Neurobiology of Aging</i> , 2013, 34, 1462-1468.	1.5	18
1641	Predicting dementia development in Parkinson's disease using Bayesian network classifiers. <i>Psychiatry Research - Neuroimaging</i> , 2013, 213, 92-98.	0.9	64
1642	Hippocampusâ€“precuneus functional connectivity as an early sign of Alzheimer's disease: A preliminary study using structural and functional magnetic resonance imaging data. <i>Brain Research</i> , 2013, 1495, 18-29.	1.1	48
1643	How anatomical asymmetry of human auditory cortex can lead to a rightward bias in auditory evoked fields. <i>NeuroImage</i> , 2013, 74, 22-29.	2.1	49
1644	Early onset of cortical thinning in children with rolandic epilepsy. <i>NeuroImage: Clinical</i> , 2013, 2, 434-439.	1.4	64
1645	Forward and inverse electroencephalographic modeling in health and in acute traumatic brain injury. <i>Clinical Neurophysiology</i> , 2013, 124, 2129-2145.	0.7	29
1646	Inferior frontal and insular cortical thinning is related to dysfunctional brain activation/deactivation during working memory task in schizophrenic patients. <i>Psychiatry Research - Neuroimaging</i> , 2013, 214, 94-101.	0.9	19
1647	Familiarity-based memory as an early cognitive marker of preclinical and prodromal AD. <i>Neuropsychologia</i> , 2013, 51, 1094-1102.	0.7	63
1648	Structural asymmetry of anterior insula: Behavioral correlates and individual differences. <i>Brain and Language</i> , 2013, 126, 109-122.	0.8	49
1649	Structural connectivity of visuotopic intraparietal sulcus. <i>NeuroImage</i> , 2013, 82, 137-145.	2.1	37
1650	PET-Based Confirmation of Orientation Sensitivity of TMS-Induced Cortical Activation in Humans. <i>Brain Stimulation</i> , 2013, 6, 898-904.	0.7	50

#	ARTICLE	IF	CITATIONS
1651	Cortical surface area and IQ in very-low-birth-weight (VLBW) young adults. <i>Cortex</i> , 2013, 49, 2264-2271.	1.1	77
1652	Long term cortical plasticity in visual retinotopic areas in humans with silent retinal ganglion cell loss. <i>NeuroImage</i> , 2013, 81, 222-230.	2.1	26
1653	The effects of aging and Alzheimer's disease on cerebral cortical anatomy: Specificity and differential relationships with cognition. <i>NeuroImage</i> , 2013, 76, 332-344.	2.1	201
1654	Hippocampal volume and internalizing behavior problems in adolescence. <i>European Neuropsychopharmacology</i> , 2013, 23, 622-628.	0.3	30
1655	Sex differences in resilience to childhood maltreatment: Effects of trauma history on hippocampal volume, general cognition and subclinical psychosis in healthy adults. <i>Journal of Psychiatric Research</i> , 2013, 47, 1174-1179.	1.5	98
1656	fMRI hemodynamics accurately reflects neuronal timing in the human brain measured by MEG. <i>NeuroImage</i> , 2013, 78, 372-384.	2.1	36
1657	Interactive effects of chronic cigarette smoking and age on hippocampal volumes. <i>Drug and Alcohol Dependence</i> , 2013, 133, 704-711.	1.6	51
1658	No evidence for association between bipolar disorder risk gene variants and brain structural phenotypes. <i>Journal of Affective Disorders</i> , 2013, 151, 291-297.	2.0	41
1659	Whole-head rapid fMRI acquisition using echo-shifted magnetic resonance inverse imaging. <i>NeuroImage</i> , 2013, 78, 325-338.	2.1	35
1660	Robust estimation of fractal measures for characterizing the structural complexity of the human brain: Optimization and reproducibility. <i>NeuroImage</i> , 2013, 83, 646-657.	2.1	32
1661	Testing the estrogen hypothesis of schizophrenia: Associations between cumulative estrogen exposure and cerebral structural measures. <i>Schizophrenia Research</i> , 2013, 150, 114-120.	1.1	8
1662	Consequences of polar form coherence for fMRI responses in human visual cortex. <i>NeuroImage</i> , 2013, 78, 152-158.	2.1	10
1663	Application of stereological methods to estimate post-mortem brain surface area using 3T MRI. <i>Magnetic Resonance Imaging</i> , 2013, 31, 456-465.	1.0	12
1664	Structural abnormalities in cortical volume, thickness, and surface area in 22q11.2 microdeletion syndrome: Relationship with psychotic symptoms. <i>NeuroImage: Clinical</i> , 2013, 3, 405-415.	1.4	82
1665	An automatic rat brain extraction method based on a deformable surface model. <i>Journal of Neuroscience Methods</i> , 2013, 218, 72-82.	1.3	13
1666	Fetal Glucocorticoid Exposure Is Associated with Preadolescent Brain Development. <i>Biological Psychiatry</i> , 2013, 74, 647-655.	0.7	156
1667	Reduced anterior cingulate gray matter volume and thickness in subjects with deficit schizophrenia. <i>Schizophrenia Research</i> , 2013, 150, 484-490.	1.1	44
1668	A new wavelet transform to sparsely represent cortical current densities for EEG/MEG inverse problems. <i>Computer Methods and Programs in Biomedicine</i> , 2013, 111, 376-388.	2.6	19

#	ARTICLE	IF	CITATIONS
1669	Cavum septum pellucidum in pediatric traumatic brain injury. <i>Psychiatry Research - Neuroimaging</i> , 2013, 213, 186-192.	0.9	15
1670	Integration of gray matter nodules into functional cortical circuits in periventricular heterotopia. <i>Epilepsy and Behavior</i> , 2013, 29, 400-406.	0.9	27
1671	Age-related changes in insula cortical thickness and impulsivity: Significance for emotional development and decision-making. <i>Developmental Cognitive Neuroscience</i> , 2013, 6, 80-86.	1.9	97
1672	Reduced cortical thickness with increased lifetime burden of PTSD in OEF/OIF Veterans and the impact of comorbid TBI. <i>NeuroImage: Clinical</i> , 2013, 2, 601-611.	1.4	94
1673	Neural underpinnings of behavioural strategies that prioritize either cognitive task performance or pain. <i>Pain</i> , 2013, 154, 2060-2071.	2.0	59
1674	Visual callosal topography in the absence of retinal input. <i>NeuroImage</i> , 2013, 81, 325-334.	2.1	30
1675	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
1676	Personality traits in juvenile myoclonic epilepsy: Evidence of cortical abnormalities from a surface morphometry study. <i>Epilepsy and Behavior</i> , 2013, 27, 385-392.	0.9	21
1677	System for Integrated Neuroimaging Analysis and Processing of Structure. <i>Neuroinformatics</i> , 2013, 11, 91-103.	1.5	20
1678	The Occipital Place Area Is Causally and Selectively Involved in Scene Perception. <i>Journal of Neuroscience</i> , 2013, 33, 1331-1336.	1.7	272
1679	Single-subject fMRI mapping at 7 T of the representation of fingertips in S1: a comparison of event-related and phase-encoding designs. <i>Journal of Neurophysiology</i> , 2013, 109, 2293-2305.	0.9	75
1680	Different multivariate techniques for automated classification of MRI data in Alzheimer's disease and mild cognitive impairment. <i>Psychiatry Research - Neuroimaging</i> , 2013, 212, 89-98.	0.9	98
1681	Thalamocortical Disconnection in the Orbitofrontal Region Associated With Cortical Thinning in Schizophrenia. <i>JAMA Psychiatry</i> , 2013, 70, 12.	6.0	70
1682	Imaging structural co-variance between human brain regions. <i>Nature Reviews Neuroscience</i> , 2013, 14, 322-336.	4.9	841
1683	Alzheimer's Disease Neurodegenerative Biomarkers Are Associated with Decreased Cognitive Function but Not $\beta$ -Amyloid in Cognitively Normal Older Individuals. <i>Journal of Neuroscience</i> , 2013, 33, 5553-5563.	1.7	133
1684	Increased cortical surface area of the left planum temporale in musicians facilitates the categorization of phonetic and temporal speech sounds. <i>Cortex</i> , 2013, 49, 2812-2821.	1.1	74
1685	Neurophysiological Investigation of Spontaneous Correlated and Anticorrelated Fluctuations of the BOLD Signal. <i>Journal of Neuroscience</i> , 2013, 33, 6333-6342.	1.7	211
1686	A multivariate method to determine the dimensionality of neural representation from population activity. <i>NeuroImage</i> , 2013, 76, 225-235.	2.1	45

#	ARTICLE	IF	CITATIONS
1687	Combined dementia-risk biomarkers in Parkinson's disease: A prospective longitudinal study. <i>Parkinsonism and Related Disorders</i> , 2013, 19, 717-724.	1.1	133
1688	A longitudinal study of fronto-limbic brain structures in patients with bipolar I disorder during lithium treatment. <i>Journal of Affective Disorders</i> , 2013, 150, 629-633.	2.0	56
1689	Cortical Surface Reconstruction via Unified Reeb Analysis of Geometric and Topological Outliers in Magnetic Resonance Images. <i>IEEE Transactions on Medical Imaging</i> , 2013, 32, 511-530.	5.4	27
1690	Recursive grid partitioning on a cortical surface model: an optimized technique for the localization of implanted subdural electrodes. <i>Journal of Neurosurgery</i> , 2013, 118, 1086-1097.	0.9	84
1691	Cortical thickness and cognition in very-low-birth-weight late teenagers. <i>Early Human Development</i> , 2013, 89, 371-380.	0.8	80
1692	Networks of anatomical covariance. <i>NeuroImage</i> , 2013, 80, 489-504.	2.1	355
1693	Neuroimaging and Other Biomarkers for Alzheimer's Disease: The Changing Landscape of Early Detection. <i>Annual Review of Clinical Psychology</i> , 2013, 9, 621-648.	6.3	110
1694	Sex differences and structural brain maturation from childhood to early adulthood. <i>Developmental Cognitive Neuroscience</i> , 2013, 5, 106-118.	1.9	173
1695	Functional brain network organisation of children between 2 and 5 years derived from reconstructed activity of cortical sources of high-density EEG recordings. <i>NeuroImage</i> , 2013, 82, 595-604.	2.1	48
1696	Representation of Contextually Related Multiple Objects in the Human Ventral Visual Pathway. <i>Journal of Cognitive Neuroscience</i> , 2013, 25, 1261-1269.	1.1	22
1697	The minimal preprocessing pipelines for the Human Connectome Project. <i>NeuroImage</i> , 2013, 80, 105-124.	2.1	4,042
1698	Genetic variation in GAD1 is associated with cortical thickness in the parahippocampal gyrus. <i>Journal of Psychiatric Research</i> , 2013, 47, 872-879.	1.5	9
1699	Gray Matter Changes Following Limb Amputation with High and Low Intensities of Phantom Limb Pain. <i>Cerebral Cortex</i> , 2013, 23, 1038-1048.	1.6	70
1700	Resting state network estimation in individual subjects. <i>NeuroImage</i> , 2013, 82, 616-633.	2.1	226
1701	Predicting the location of human perirhinal cortex, Brodmann's area 35, from MRI. <i>NeuroImage</i> , 2013, 64, 32-42.	2.1	81
1702	The cortical dynamics underlying effective switching of auditory spatial attention. <i>NeuroImage</i> , 2013, 64, 365-370.	2.1	51
1703	Statistical shape analysis of the corpus callosum in Schizophrenia. <i>NeuroImage</i> , 2013, 64, 547-559.	2.1	38
1704	The contribution of the left mid-fusiform cortical thickness to Chinese and English reading in a large Chinese sample. <i>NeuroImage</i> , 2013, 65, 250-256.	2.1	15

#	ARTICLE	IF	CITATIONS
1705	Cortical thickness and central surface estimation. <i>NeuroImage</i> , 2013, 65, 336-348.	2.1	493
1706	Visual dominance and multisensory integration changes with age. <i>NeuroImage</i> , 2013, 65, 152-166.	2.1	96
1707	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
1708	Toward reliable characterization of functional homogeneity in the human brain: Preprocessing, scan duration, imaging resolution and computational space. <i>NeuroImage</i> , 2013, 65, 374-386.	2.1	428
1709	Coevolution of brain structures in amnesic mild cognitive impairment. <i>NeuroImage</i> , 2013, 66, 449-456.	2.1	30
1710	Processing of speech and non-speech sounds in the supratemporal plane: Auditory input preference does not predict sensitivity to statistical structure. <i>NeuroImage</i> , 2013, 66, 318-332.	2.1	47
1711	Statistical analysis of longitudinal neuroimage data with Linear Mixed Effects models. <i>NeuroImage</i> , 2013, 66, 249-260.	2.1	298
1712	The structural, connectomic and network covariance of the human brain. <i>NeuroImage</i> , 2013, 66, 489-499.	2.1	36
1713	Dynamic causal modelling of lateral interactions in the visual cortex. <i>NeuroImage</i> , 2013, 66, 563-576.	2.1	58
1714	Alterations in the cerebral white matter of genetic high risk offspring of patients with schizophrenia spectrum disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 40, 187-192.	2.5	7
1715	Longitudinal Working Memory Development Is Related to Structural Maturation of Frontal and Parietal Cortices. <i>Journal of Cognitive Neuroscience</i> , 2013, 25, 1611-1623.	1.1	120
1716	The Role of Transverse Occipital Sulcus in Scene Perception and Its Relationship to Object Individuation in Inferior Intraparietal Sulcus. <i>Journal of Cognitive Neuroscience</i> , 2013, 25, 1711-1722.	1.1	41
1717	Multiscale segmentation of the skull in MR images for MRI-based attenuation correction of combined MR/PET. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2013, 20, 1037-1045.	2.2	25
1718	Association of silent lacunar infarct with brain atrophy and cognitive impairment. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2013, 84, 1219-1225.	0.9	51
1719	Regional Magnetic Resonance Imaging Measures for Multivariate Analysis in Alzheimer's Disease and Mild Cognitive Impairment. <i>Brain Topography</i> , 2013, 26, 9-23.	0.8	174
1720	Development of Risk Taking: Contributions from Adolescent Testosterone and the Orbito-frontal Cortex. <i>Journal of Cognitive Neuroscience</i> , 2013, 25, 2141-2150.	1.1	91
1721	Diverging patterns of amyloid deposition and hypometabolism in clinical variants of probable Alzheimer's disease. <i>Brain</i> , 2013, 136, 844-858.	3.7	280
1722	Time-constrained functional connectivity analysis of cortical networks underlying phonological decoding in typically developing school-aged children: A magnetoencephalography study. <i>Brain and Language</i> , 2013, 125, 156-164.	0.8	14

#	ARTICLE	IF	CITATIONS
1723	Long-term declarative memory deficits in diffuse TBI: Correlations with cortical thickness, white matter integrity and hippocampal volume. <i>Cortex</i> , 2013, 49, 646-657.	1.1	112
1724	Hemispheric asymmetries of cortical volume in the human brain. <i>Cortex</i> , 2013, 49, 200-210.	1.1	65
1725	Machine Learning in Medical Imaging. <i>Lecture Notes in Computer Science</i> , 2013, , .	1.0	24
1726	Structural Magnetic Resonance Imaging in an adult cohort following prenatal and early postnatal exposure to tetrachloroethylene (PCE)-contaminated drinking water. <i>Neurotoxicology and Teratology</i> , 2013, 38, 13-20.	1.2	8
1727	Selective Brain Gray Matter Atrophy Associated with APOE $\epsilon$ 4 and MAPT H1 in Subjects with Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2013, 33, 1009-1019.	1.2	18
1728	Multistructure Large Deformation Diffeomorphic Brain Registration. <i>IEEE Transactions on Biomedical Engineering</i> , 2013, 60, 544-553.	2.5	15
1729	Spatiotemporal linear mixed effects modeling for the mass-univariate analysis of longitudinal neuroimage data. <i>NeuroImage</i> , 2013, 81, 358-370.	2.1	111
1730	Disrupted white matter connectivity is associated with reduced cortical thickness in the cingulate cortex in schizophrenia. <i>Cortex</i> , 2013, 49, 722-729.	1.1	29
1731	Cognitive Reserve Proxies Relate to Gray Matter Loss in Cognitively Healthy Elderly with Abnormal Cerebrospinal Fluid Amyloid- $\beta$ Levels. <i>Journal of Alzheimer's Disease</i> , 2013, 35, 715-726.	1.2	40
1732	Cortical Pitch Regions in Humans Respond Primarily to Resolved Harmonics and Are Located in Specific Tonotopic Regions of Anterior Auditory Cortex. <i>Journal of Neuroscience</i> , 2013, 33, 19451-19469.	1.7	149
1733	Extensive Left Temporal Pole Damage Does Not Impact on Theory of Mind Abilities. <i>Journal of Cognitive Neuroscience</i> , 2013, 25, 2025-2046.	1.1	12
1734	Prediction of Alzheimer's disease and mild cognitive impairment using cortical morphological patterns. <i>Human Brain Mapping</i> , 2013, 34, 3411-3425.	1.9	215
1735	Distinct laterality alterations distinguish mild cognitive impairment and Alzheimer's disease from healthy aging: Statistical parametric mapping with high resolution MRI. <i>Human Brain Mapping</i> , 2013, 34, 3400-3410.	1.9	65
1736	Quantitative measurement of MR cortical atrophy: MR brain surface intensity model (BSIM) and group and individual cortical thinning studies. , 2013, , .		1
1737	Cognitive Decline After Stroke. <i>Stroke</i> , 2013, 44, 1433-1435.	1.0	77
1738	Increased gyrification, but comparable surface area in adolescents with autism spectrum disorders. <i>Brain</i> , 2013, 136, 1956-1967.	3.7	129
1739	Cortical Brain Morphology in Young, Estrogen-Naive, and Adolescent, Estrogen-Treated Girls with Turner Syndrome. <i>Cerebral Cortex</i> , 2013, 23, 2159-2168.	1.6	34
1740	Peripheral blood HIV DNA is associated with atrophy of cerebellar and subcortical gray matter. <i>Neurology</i> , 2013, 80, 1792-1799.	1.5	66



#	ARTICLE	IF	CITATIONS
1741	Language Lateralization Represented by Spatiotemporal Mapping of Magnetoencephalography. American Journal of Neuroradiology, 2013, 34, 558-563.	1.2	44
1742	Brain Surface Anatomy in Adults With Autism. JAMA Psychiatry, 2013, 70, 59.	6.0	199
1743	Altered Contextual Modulation of Primary Visual Cortex Responses in Schizophrenia. Neuropsychopharmacology, 2013, 38, 2607-2612.	2.8	54
1744	GRIN2B Gene and Associated Brain Cortical White Matter Changes in Bipolar Disorder: A Preliminary Combined Platform Investigation. BioMed Research International, 2013, 2013, 1-8.	0.9	7
1745	Anterior cingulate cortex and symptom severity in attention-deficit/hyperactivity disorder.. Journal of Abnormal Psychology, 2013, 122, 558-565.	2.0	47
1746	Acceleration of image analyst training with transcranial direct current stimulation.. Behavioral Neuroscience, 2013, 127, 936-946.	0.6	60
1747	Quantification and Discrimination of Abnormal Sulcal Patterns in Polymicrogyria. Cerebral Cortex, 2013, 23, 3007-3015.	1.6	36
1748	Coaxial Anisotropy of Cortical Point Spread in Human Visual Areas. Journal of Neuroscience, 2013, 33, 1143-1156.	1.7	8
1749	Brightness and transparency in the early visual cortex. Journal of Vision, 2013, 13, 16-16.	0.1	3
1750	Impact of brain aging and neurodegeneration on cognition. Current Opinion in Neurology, 2013, 26, 640-645.	1.8	27
1751	Interhemispheric Functional Connectivity following Prenatal or Perinatal Brain Injury Predicts Receptive Language Outcome. Journal of Neuroscience, 2013, 33, 5612-5625.	1.7	27
1752	Interictal cortical hyperresponsiveness in migraine is directly related to the presence of aura. Cephalalgia, 2013, 33, 365-374.	1.8	109
1753	Functional and structural brain modifications induced by oculomotor training in patients with age-related macular degeneration. Frontiers in Psychology, 2013, 4, 428.	1.1	29
1754	Role of right pregenual anterior cingulate cortex in self-conscious emotional reactivity. Social Cognitive and Affective Neuroscience, 2013, 8, 468-474.	1.5	96
1755	Functional Significance of Atypical Cortical Organization in Spina Bifida Myelomeningocele: Relations of Cortical Thickness and Gyrification with IQ and Fine Motor Dexterity. Cerebral Cortex, 2013, 23, 2357-2369.	1.6	46
1756	Alzheimer Disease Alters the Relationship of Cardiorespiratory Fitness With Brain Activity During the Stroop Task. Physical Therapy, 2013, 93, 993-1002.	1.1	15
1757	Contribution of cortical lesion subtypes at 7T MRI to physical and cognitive performance in MS. Neurology, 2013, 81, 641-649.	1.5	106
1758	Mapping the Human Cortical Surface by Combining Quantitative T1 with Retinotopy. Cerebral Cortex, 2013, 23, 2261-2268.	1.6	236

#	ARTICLE	IF	CITATIONS
1759	FTO, obesity and the adolescent brain. <i>Human Molecular Genetics</i> , 2013, 22, 1050-1058.	1.4	46
1760	CT Brain Perfusion Protocol to Eliminate the Need for Selecting a Venous Output Function. <i>American Journal of Neuroradiology</i> , 2013, 34, 1353-1358.	1.2	10
1761	Paralimbic Cortical Thickness in First-Episode Depression: Evidence for Trait-Related Differences in Mood Regulation. <i>American Journal of Psychiatry</i> , 2013, 170, 1477-1486.	4.0	102
1762	Cortical Folding Defects as Markers of Poor Treatment Response in First-Episode Psychosis. <i>JAMA Psychiatry</i> , 2013, 70, 1031.	6.0	104
1763	A fast statistical significance test for baseline correction and comparative analysis in phase locking. <i>Frontiers in Neuroinformatics</i> , 2013, 7, 3.	1.3	4
1764	Cerebellar asymmetry and its relation to cerebral asymmetry estimated by intrinsic functional connectivity. <i>Journal of Neurophysiology</i> , 2013, 109, 46-57.	0.9	98
1765	Brain imaging and human nutrition: which measures to use in intervention studies?. <i>British Journal of Nutrition</i> , 2013, 110, S1-S30.	1.2	50
1766	Medial and Lateral Networks in Anterior Prefrontal Cortex Support Metacognitive Ability for Memory and Perception. <i>Journal of Neuroscience</i> , 2013, 33, 16657-16665.	1.7	251
1767	Speech versus Song: Multiple Pitch-Sensitive Areas Revealed by a Naturally Occurring Musical Illusion. <i>Cerebral Cortex</i> , 2013, 23, 249-254.	1.6	88
1768	Spectral multidimensional scaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 18052-18057.	3.3	55
1769	Global Functional Connectivity Abnormalities in Children with <sup>F</sup>etal <sup>A</sup>lcohol <sup>S</sup>pectrum <sup>D</sup>isorders. <i>Alcoholism: Clinical and Experimental Research</i> , 2013, 37, 748-756.	1.4	82
1770	Surface-based laminar analysis of diffusion abnormalities in cortical and white matter layers in neocortical epilepsy. <i>Epilepsia</i> , 2013, 54, 667-677.	2.6	17
1771	Integration of XNAT/PACS, DICOM, and research software for automated multi-modal image analysis. , 2013, 8674, .		15
1772	Effects of Moderate to Severe Traumatic Brain Injury on Anticipating Consequences of Actions in Adolescents: A Preliminary Study. <i>Journal of the International Neuropsychological Society</i> , 2013, 19, 508-517.	1.2	14
1773	Early Adolescent Cortical Thinning Is Related to Better Neuropsychological Performance. <i>Journal of the International Neuropsychological Society</i> , 2013, 19, 962-970.	1.2	72
1774	Decreased White Matter Integrity in Neuropsychologically Defined Mild Cognitive Impairment Is Independent of Cortical Thinning. <i>Journal of the International Neuropsychological Society</i> , 2013, 19, 925-937.	1.2	28
1775	Hippocampal volume as marker of daily life stress sensitivity in psychosis. <i>Psychological Medicine</i> , 2013, 43, 1377-1387.	2.7	43
1776	Two Distinct Ipsilateral Cortical Representations for Individuated Finger Movements. <i>Cerebral Cortex</i> , 2013, 23, 1362-1377.	1.6	155

#	ARTICLE	IF	CITATIONS
1777	The ANTs cortical thickness processing pipeline. Proceedings of SPIE, 2013, , .	0.8	24
1778	Magnetic Resonance Image Example-Based Contrast Synthesis. IEEE Transactions on Medical Imaging, 2013, 32, 2348-2363.	5.4	114
1779	Gray Matter Structure and Morphosyntax Within a Spoken Narrative in Typically Developing Children and Children With High Functioning Autism. Developmental Neuropsychology, 2013, 38, 461-480.	1.0	5
1780	Dynamic Iterative Reconstruction for Interventional 4-D C-Arm CT Perfusion Imaging. IEEE Transactions on Medical Imaging, 2013, 32, 1336-1348.	5.4	43
1781	Regional increase of cerebral cortex thickness in juvenile myoclonic epilepsy. Epilepsia, 2013, 54, e138-41.	2.6	31
1782	White Matter/Gray Matter Contrast Changes in Chronic and Diffuse Traumatic Brain Injury. Journal of Neurotrauma, 2013, 30, 1991-1994.	1.7	18
1783	Identification of Pleiotropic Genetic Effects on Obesity and Brain Anatomy. Human Heredity, 2013, 75, 136-143.	0.4	23
1784	Network structure and dynamics of the mental workspace. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 16277-16282.	3.3	42
1785	Sensitivity analysis to epileptic sources in Electro- and magnetoencephalography: A simulation approach. , 2013, , .		0
1786	A Connectionist Approach to Mapping the Human Connectome Permits Simulations of Neural Activity Within an Artificial Brain. Brain Connectivity, 2014, 4, 131218075844008.	0.8	6
1787	Bipolar II disorder is associated with thinning of prefrontal and temporal cortices involved in affect regulation. Bipolar Disorders, 2013, 15, 855-864.	1.1	58
1788	A new multimodal cortical source imaging algorithm for integrating simultaneously recorded EEG and MEG. Inverse Problems in Science and Engineering, 2013, 21, 1074-1089.	1.2	4
1789	<sc>L</sc>ongitudinal <sc>H</sc>eschl's Gyrus Growth During Childhood and Adolescence in Typical Development and Autism. Autism Research, 2013, 6, 78-90.	2.1	33
1790	The adverse effects of reduced cerebral perfusion on cognition and brain structure in older adults with cardiovascular disease. Brain and Behavior, 2013, 3, 626-636.	1.0	86
1791	A 22â€ channel receive array with Helmholtz transmit coil for anesthetized macaque MRI at 3 T. NMR in Biomedicine, 2013, 26, 1431-1440.	1.6	19
1792	Detecting cortical cerebral microinfarcts in 7.0 T MR images. , 2013, , .		1
1793	Symptom validity testing in memory clinics: Hippocampal-memory associations and relevance for diagnosing mild cognitive impairment. Journal of Clinical and Experimental Neuropsychology, 2013, 35, 59-70.	0.8	27
1794	Neuropathic Pain in Ankylosing Spondylitis: A Psychophysics and Brain Imaging Study. Arthritis and Rheumatism, 2013, 65, 1494-1503.	6.7	103

#	ARTICLE	IF	CITATIONS
1795	The Fine-Scale Functional Correlation of Striate Cortex in Sighted and Blind People. <i>Journal of Neuroscience</i> , 2013, 33, 16209-16219.	1.7	63
1796	Automated MRI segmentation for individualized modeling of current flow in the human head. <i>Journal of Neural Engineering</i> , 2013, 10, 066004.	1.8	143
1797	Electroencephalogram signatures of loss and recovery of consciousness from propofol. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E1142-51.	3.3	679
1798	A Functionally Guided Approach to the Morphometry of Occipitotemporal Regions in Developmental Dyslexia: Evidence for Differential Effects in Boys and Girls. <i>Journal of Neuroscience</i> , 2013, 33, 11296-11301.	1.7	57
1799	Genetic topography of brain morphology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 17089-17094.	3.3	197
1800	Topographic Representation of an Occluded Object and the Effects of Spatiotemporal Context in Human Early Visual Areas. <i>Journal of Neuroscience</i> , 2013, 33, 16992-17007.	1.7	38
1801	Vowel Category Boundaries Enhance Cortical and Behavioral Responses to Speech Feedback Alterations. <i>Journal of Neuroscience</i> , 2013, 33, 12090-12098.	1.7	115
1802	Structural and Functional Changes across the Visual Cortex of a Patient with Visual Form Agnosia. <i>Journal of Neuroscience</i> , 2013, 33, 12779-12791.	1.7	62
1803	The Human Cerebral Cortex Flattens during Adolescence. <i>Journal of Neuroscience</i> , 2013, 33, 15004-15010.	1.7	108
1804	Cortical atrophy in presymptomatic Alzheimer's disease presenilin 1 mutation carriers. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2013, 84, 556-561.	0.9	44
1805	Brain Cortical Thickness in ADHD. <i>Journal of Attention Disorders</i> , 2013, 17, 641-654.	1.5	80
1806	Early auditory change detection implicitly facilitated by ignored concurrent visual change during a Braille reading task. <i>Journal of Integrative Neuroscience</i> , 2013, 12, 385-399.	0.8	2
1807	Dynamic cortical activity during the perception of three-dimensional object shape from two-dimensional random-dot motion. <i>Journal of Integrative Neuroscience</i> , 2013, 12, 355-367.	0.8	10
1808	Functional organization of human posterior parietal cortex: grasping- and reaching-related activations relative to topographically organized cortex. <i>Journal of Neurophysiology</i> , 2013, 109, 2897-2908.	0.9	106
1810	Left atrial size is independently associated with cognitive function. <i>International Journal of Neuroscience</i> , 2013, 123, 544-552.	0.8	17
1811	Load Dependence of $\hat{I}^2$ and $\hat{I}^3$ Oscillations Predicts Individual Capacity of Visual Attention. <i>Journal of Neuroscience</i> , 2013, 33, 19023-19033.	1.7	54
1812	Automated Segmentation of Hippocampal Subfields in Drug-Naïve Patients with Alzheimer Disease. <i>American Journal of Neuroradiology</i> , 2013, 34, 747-751.	1.2	49
1813	Intracortical Myelin Links with Performance Variability across the Human Lifespan: Results from T1- and T2-Weighted MRI Myelin Mapping and Diffusion Tensor Imaging. <i>Journal of Neuroscience</i> , 2013, 33, 18618-18630.	1.7	247

#	ARTICLE	IF	CITATIONS
1814	Dynamic filtering of static dipoles in magnetoencephalography. <i>Annals of Applied Statistics</i> , 2013, 7, .	0.5	16
1815	White matter integrity as a link in the association between motivation to abstain and treatment outcome in adolescent substance users.. <i>Psychology of Addictive Behaviors</i> , 2013, 27, 533-542.	1.4	20
1816	Quantifying Brain Morphology Using Structural Imaging. <i>Series in Medical Physics and Biomedical Engineering</i> , 2013, , 3-39.	0.1	0
1817	Abnormal affective decision making revealed in adolescent binge drinkers using a functional magnetic resonance imaging study.. <i>Psychology of Addictive Behaviors</i> , 2013, 27, 443-454.	1.4	101
1818	Through a glass darkly: Some insights on change talk via magnetoencephalography.. <i>Psychology of Addictive Behaviors</i> , 2013, 27, 489-500.	1.4	26
1819	Recognition of famous names predicts cognitive decline in healthy elders.. <i>Neuropsychology</i> , 2013, 27, 333-342.	1.0	16
1820	A Brief History of Voxel-Based Grey Matter Analysis in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2013, 38, 647-659.	1.2	27
1821	Brain Structure in Preclinical Huntington's Disease: A Multi-Method Approach. <i>Neurodegenerative Diseases</i> , 2013, 12, 13-22.	0.8	21
1822	Increased Rostral Anterior Cingulate Cortex Volume in Chronic Primary Insomnia. <i>Sleep</i> , 2013, 36, 991-998.	0.6	108
1823	Effects of illness duration and treatment resistance on grey matter abnormalities in majordepression. <i>British Journal of Psychiatry</i> , 2013, 202, 434-440.	1.7	72
1824	Stereoelectroencephalography. <i>Neurosurgery</i> , 2013, 72, 353-366.	0.6	451
1825	Cortical thickness changes related to the processes of maturation and aging in healthy brains. , 2013, , .		0
1826	Entorhinal Cortex Thickness Predicts Cognitive Decline in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2013, 33, 755-766.	1.2	105
1827	The representation of tool and non-tool object information in the human intraparietal sulcus. <i>Journal of Neurophysiology</i> , 2013, 109, 2883-2896.	0.9	70
1828	The impact of limbic system morphology on facial emotion recognition in bipolar I disorder and healthy controls. <i>Neuropsychiatric Disease and Treatment</i> , 2013, 9, 743.	1.0	6
1829	Dissociation between saliency signals and activity in early visual cortex. <i>Journal of Vision</i> , 2013, 13, 6-6.	0.1	10
1830	White Matter and Cognitive Changes in Veterans Diagnosed with Alcoholism and PTSD. <i>Journal of Alcoholism and Drug Dependence</i> , 2013, 02, 144.	0.2	16
1831	An Engineering View on Megatrends in Radiology: Digitization to Quantitative Tools of Medicine. <i>Korean Journal of Radiology</i> , 2013, 14, 139.	1.5	5

#	ARTICLE	IF	CITATIONS
1832	Uso de volumetría y carga lesional en el seguimiento de pacientes con esclerosis múltiple: Experiencia local y revisión de la literatura. Revista Chilena De Radiología, 2013, 19, 156-164.	0.2	3
1833	The Development of Visual Areas Depends Differently on Visual Experience. PLoS ONE, 2013, 8, e53784.	1.1	49
1834	Fovea-Periphery Axis Symmetry of Surround Modulation in the Human Visual System. PLoS ONE, 2013, 8, e57906.	1.1	3
1835	Heritability of Subcortical Volumetric Traits in Mesial Temporal Lobe Epilepsy. PLoS ONE, 2013, 8, e61880.	1.1	16
1836	Using High Angular Resolution Diffusion Imaging Data to Discriminate Cortical Regions. PLoS ONE, 2013, 8, e63842.	1.1	37
1837	Cortical Surface Area Correlates with STON2 Gene Ser307Pro Polymorphism in First-Episode Treatment-Naïve Patients with Schizophrenia. PLoS ONE, 2013, 8, e64090.	1.1	6
1838	Increased Prefrontal Cortical Thickness Is Associated with Enhanced Abilities to Regulate Emotions in PTSD-Free Women with Borderline Personality Disorder. PLoS ONE, 2013, 8, e65584.	1.1	25
1839	Visual Interactions Conform to Pattern Decorrelation in Multiple Cortical Areas. PLoS ONE, 2013, 8, e68046.	1.1	4
1840	Adaptive Modulation of Adult Brain Gray and White Matter to High Altitude: Structural MRI Studies. PLoS ONE, 2013, 8, e68621.	1.1	39
1841	BrainNet Viewer: A Network Visualization Tool for Human Brain Connectomics. PLoS ONE, 2013, 8, e68910.	1.1	3,003
1842	Network-Level Structural Abnormalities of Cerebral Cortex in Type 1 Diabetes Mellitus. PLoS ONE, 2013, 8, e71304.	1.1	25
1843	Cortical Thinning and Clinical Heterogeneity in Amyotrophic Lateral Sclerosis. PLoS ONE, 2013, 8, e80748.	1.1	76
1844	Is the Cerebellum the Optimal Reference Region for Intensity Normalization of Perfusion MR Studies in Early Alzheimer's Disease?. PLoS ONE, 2013, 8, e81548.	1.1	14
1845	Effects of Spatial Pattern Scale of Brain Activity on the Sensitivity of DOT, fMRI, EEG and MEG. PLoS ONE, 2013, 8, e83299.	1.1	5
1846	Altered Topological Organization of Cortical Network in Adolescent Girls with Idiopathic Scoliosis. PLoS ONE, 2013, 8, e83767.	1.1	15
1847	Pattern of Regional Cortical Thinning Associated with Cognitive Deterioration in Parkinson's Disease. PLoS ONE, 2013, 8, e54980.	1.1	112
1848	Anatomical Correlates of Cognitive Functions in Early Parkinson's Disease Patients. PLoS ONE, 2013, 8, e64222.	1.1	47
1849	Effects of Emotionally-Rated Material on Visual Memory in Alzheimer's Disease in Relation to Medial Temporal Atrophy. Journal of Alzheimer's Disease, 2013, 36, 535-544.	1.2	18

#	ARTICLE	IF	CITATIONS
1850	Processing of complex distracting sounds in school-aged children and adults: evidence from EEG and MEG data. <i>Frontiers in Psychology</i> , 2013, 4, 717.	1.1	31
1851	Enlarged Thalamic Volumes and Increased Fractional Anisotropy in the Thalamic Radiations in Veterans with Suicide Behaviors. <i>Frontiers in Psychiatry</i> , 2013, 4, 83.	1.3	54
1852	The role of apolipoprotein E (APOE) genotype in early mild cognitive impairment (E-MCI). <i>Frontiers in Aging Neuroscience</i> , 2013, 5, 11.	1.7	126
1853	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
1854	Posterior cortical atrophy: an investigation of scan paths generated during face matching tasks. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 309.	1.0	9
1855	Plasticity in the Visual System is Associated with Prosthesis Use in Phantom Limb Pain. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 311.	1.0	21
1856	Neural stages of spoken, written, and signed word processing in beginning second language learners. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 322.	1.0	19
1857	Task modulation of brain responses in visual word recognition as studied using EEG/MEG and fMRI. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 376.	1.0	39
1858	Graph theory reveals dysconnected hubs in 22q11DS and altered nodal efficiency in patients with hallucinations. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 402.	1.0	67
1859	Brain Mapping in a Patient with Congenital Blindness – A Case for Multimodal Approaches. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 431.	1.0	14
1860	The envirome and the connectome: exploring the structural noise in the human brain associated with socioeconomic deprivation. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 722.	1.0	23
1861	The default modes of reading: modulation of posterior cingulate and medial prefrontal cortex connectivity associated with comprehension and task focus while reading. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 734.	1.0	54
1862	Decreased frontal gyrification correlates with altered connectivity in children with autism. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 750.	1.0	127
1863	Brain extraction using the watershed transform from markers. <i>Frontiers in Neuroinformatics</i> , 2013, 7, 32.	1.3	36
1864	Optimized Design and Analysis of Sparse-Sampling fMRI Experiments. <i>Frontiers in Neuroscience</i> , 2013, 7, 55.	1.4	85
1865	Non-linear canonical correlation for joint analysis of MEG signals from two subjects. <i>Frontiers in Neuroscience</i> , 2013, 7, 107.	1.4	9
1866	Rapid and efficient localization of depth electrodes and cortical labeling using free and open source medical software in epilepsy surgery candidates. <i>Frontiers in Neuroscience</i> , 2013, 7, 260.	1.4	27
1867	MEG and EEG data analysis with MNE-Python. <i>Frontiers in Neuroscience</i> , 2013, 7, 267.	1.4	1,864

#	ARTICLE	IF	CITATIONS
1868	Combined diffusion-weighted and functional magnetic resonance imaging reveals a temporal-occipital network involved in auditory-visual object processing. <i>Frontiers in Integrative Neuroscience</i> , 2013, 7, 5.	1.0	44
1869	Motor Parkinson's disease and structure. , 0, , 26-43.		0
1871	Structural and functional neuroimaging of congenital central hypoventilation syndrome. , 0, , 293-300.		0
1872	Cortical morphology changes in women with borderline personality disorder: a multimodal approach. <i>Revista Brasileira De Psiquiatria</i> , 2014, 36, 32-38.	0.9	9
1873	Spatial specificity of working memory representations in the early visual cortex. <i>Journal of Vision</i> , 2014, 14, 22-22.	0.1	68
1874	The Connectome Visualization Utility: Software for Visualization of Human Brain Networks. <i>PLoS ONE</i> , 2014, 9, e113838.	1.1	27
1875	Knowledge-Guided Robust MRI Brain Extraction for Diverse Large-Scale Neuroimaging Studies on Humans and Non-Human Primates. <i>PLoS ONE</i> , 2014, 9, e77810.	1.1	79
1876	The Influence of Sex Steroids on Structural Brain Maturation in Adolescence. <i>PLoS ONE</i> , 2014, 9, e83929.	1.1	97
1877	Adolescent Brain Maturation and Cortical Folding: Evidence for Reductions in Gyri-fication. <i>PLoS ONE</i> , 2014, 9, e84914.	1.1	97
1878	Distinct Patterns of Brain Activity Characterise Lexical Activation and Competition in Spoken Word Production. <i>PLoS ONE</i> , 2014, 9, e88674.	1.1	85
1879	Cortical Depth Dependence of the Diffusion Anisotropy in the Human Cortical Gray Matter In Vivo. <i>PLoS ONE</i> , 2014, 9, e91424.	1.1	33
1880	Positive Association of Video Game Playing with Left Frontal Cortical Thickness in Adolescents. <i>PLoS ONE</i> , 2014, 9, e91506.	1.1	70
1881	Brain Activity Changes in Cognitive Networks in Relapsing-Remitting Multiple Sclerosis – Insights from a Longitudinal fMRI Study. <i>PLoS ONE</i> , 2014, 9, e93715.	1.1	42
1882	The Clinical Impact of Cerebellar Grey Matter Pathology in Multiple Sclerosis. <i>PLoS ONE</i> , 2014, 9, e96193.	1.1	47
1883	Effect of Intrinsic and Extrinsic Factors on Global and Regional Cortical Thickness. <i>PLoS ONE</i> , 2014, 9, e96429.	1.1	25
1884	Q-Ball of Inferior Fronto-Occipital Fasciculus and Beyond. <i>PLoS ONE</i> , 2014, 9, e100274.	1.1	84
1885	Increasing fMRI Sampling Rate Improves Granger Causality Estimates. <i>PLoS ONE</i> , 2014, 9, e100319.	1.1	28
1886	Graph-Based Inter-Subject Pattern Analysis of fMRI Data. <i>PLoS ONE</i> , 2014, 9, e104586.	1.1	29



#	ARTICLE	IF	CITATIONS
1887	Subjective Somatosensory Experiences Disclosed by Focused Attention: Cortical-Hippocampal-Insular and Amygdala Contributions. PLoS ONE, 2014, 9, e104721.	1.1	21
1888	In Vivo High-Resolution 7 Tesla MRI Shows Early and Diffuse Cortical Alterations in CADASIL. PLoS ONE, 2014, 9, e106311.	1.1	23
1889	White and Grey Matter Changes in the Language Network during Healthy Aging. PLoS ONE, 2014, 9, e108077.	1.1	5
1890	Altered Fronto-Striatal Fiber Topography and Connectivity in Obsessive-Compulsive Disorder. PLoS ONE, 2014, 9, e112075.	1.1	22
1891	The Relation between Gray Matter Morphology and Divergent Thinking in Adolescents and Young Adults. PLoS ONE, 2014, 9, e114619.	1.1	22
1892	Training Synesthetic Letter-color Associations by Reading in Color. Journal of Visualized Experiments, 2014, , e50893.	0.2	4
1893	Translational Neuroimaging of the Mood and Anxiety Disorders. BioMed Research International, 2014, 2014, 1-2.	0.9	1
1894	Physical activity reduces hippocampal atrophy in elders at genetic risk for Alzheimer's disease. Frontiers in Aging Neuroscience, 2014, 6, 61.	1.7	110
1895	Application of a MRI based index to longitudinal atrophy change in Alzheimer disease, mild cognitive impairment and healthy older individuals in the AddNeuroMed cohort. Frontiers in Aging Neuroscience, 2014, 6, 145.	1.7	29
1896	Genetic variation modifies risk for neurodegeneration based on biomarker status. Frontiers in Aging Neuroscience, 2014, 6, 183.	1.7	18
1897	The effects of intracranial volume adjustment approaches on multiple regional MRI volumes in healthy aging and Alzheimer's disease. Frontiers in Aging Neuroscience, 2014, 6, 264.	1.7	322
1898	Diffusion tensor imaging in Alzheimer's disease: insights into the limbic-diencephalic network and methodological considerations. Frontiers in Aging Neuroscience, 2014, 6, 266.	1.7	96
1899	Differing effects of attention in single-units and populations are well predicted by heterogeneous tuning and the normalization model of attention. Frontiers in Computational Neuroscience, 2014, 8, 12.	1.2	35
1900	Does IQ affect the functional brain network involved in pseudoword reading in students with reading disability? A magnetoencephalography study. Frontiers in Human Neuroscience, 2014, 7, 932.	1.0	20
1901	Distinct neural systems underlying reduced emotional enhancement for positive and negative stimuli in early Alzheimer's disease. Frontiers in Human Neuroscience, 2013, 7, 939.	1.0	11
1902	Atypical Right Hemisphere Specialization for Object Representations in an Adolescent with Specific Language Impairment. Frontiers in Human Neuroscience, 2014, 8, 82.	1.0	11
1903	Dynamic network participation of functional connectivity hubs assessed by resting-state fMRI. Frontiers in Human Neuroscience, 2014, 8, 195.	1.0	67
1904	The relation between structural and functional connectivity depends on age and on task goals. Frontiers in Human Neuroscience, 2014, 8, 307.	1.0	26

#	ARTICLE	IF	CITATIONS
1905	Computational anatomy for studying use-dependant brain plasticity. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 380.	1.0	31
1906	Genetic and Environmental Influences on Motor Function: A Magnetoencephalographic Study of Twins. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 455.	1.0	2
1907	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
1908	Sequencing at the syllabic and supra-syllabic levels during speech perception: an fMRI study. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 492.	1.0	11
1909	Cortical Somatosensory Reorganization in Children with Spastic Cerebral Palsy: A Multimodal Neuroimaging Study. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 725.	1.0	90
1910	Focal cortical thickness correlates of exceptional memory training in Vedic priests. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 833.	1.0	11
1911	Spatio-temporal dynamics and laterality effects of face inversion, feature presence and configuration, and face outline. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 868.	1.0	3
1912	Neuroinformatics challenges to the structural, connectomic, functional and electrophysiological multimodal imaging of human traumatic brain injury. <i>Frontiers in Neuroinformatics</i> , 2014, 8, 19.	1.3	16
1913	A web-portal for interactive data exploration, visualization, and hypothesis testing. <i>Frontiers in Neuroinformatics</i> , 2014, 8, 25.	1.3	32
1914	A simple tool for neuroimaging data sharing. <i>Frontiers in Neuroinformatics</i> , 2014, 8, 52.	1.3	6
1915	Connexel visualization: a software implementation of glyphs and edge-bundling for dense connectivity data using brainGL. <i>Frontiers in Neuroscience</i> , 2014, 8, 15.	1.4	12
1916	BOLD fMRI signal characteristics of S1- and S2-SSFP at 7 Tesla. <i>Frontiers in Neuroscience</i> , 2014, 8, 49.	1.4	21
1917	Whole brain functional connectivity using phase locking measures of resting state magnetoencephalography. <i>Frontiers in Neuroscience</i> , 2014, 8, 141.	1.4	29
1918	The functional organization of the left STS: a large scale meta-analysis of PET and fMRI studies of healthy adults. <i>Frontiers in Neuroscience</i> , 2014, 8, 289.	1.4	46
1919	Stereoscopic three-dimensional visualization applied to multimodal brain images: clinical applications and a functional connectivity atlas. <i>Frontiers in Neuroscience</i> , 2014, 8, 328.	1.4	15
1920	Improving spatial localization in MEG inverse imaging by leveraging intersubject anatomical differences. <i>Frontiers in Neuroscience</i> , 2014, 8, 330.	1.4	15
1921	Measuring auditory selective attention using frequency tagging. <i>Frontiers in Integrative Neuroscience</i> , 2014, 8, 6.	1.0	46
1922	Online Learning for Classification of Alzheimer Disease based on Cortical Thickness and Hippocampal Shape Analysis. <i>Healthcare Informatics Research</i> , 2014, 20, 61.	1.0	6

#	ARTICLE	IF	CITATIONS
1923	A Probabilistic Atlas of Human Visual Areas and Information-Theoretic Analysis of Individual Variability in Their Loci. , 0, , .		0
1924	Responsiveness of Magnetic Resonance Imaging and Neuropsychological Assessment in Memory Clinic Patients. <i>Journal of Alzheimer's Disease</i> , 2014, 40, 409-418.	1.2	16
1925	Effect of Armodafinil on Cortical Activity and Working Memory in Patients with Residual Excessive Sleepiness Associated with CPAP-Treated OSA: A Multicenter fMRI Study. <i>Journal of Clinical Sleep Medicine</i> , 2014, 10, 143-153.	1.4	8
1926	Developmental Plasticity: FMRI Investigations into Human Visual Cortex. , 2014, , .		2
1927	A level set based deformable model for segmentation of human brain MR images. , 2014, , .		1
1928	Conceptual and Data-based Investigation of Genetic Influences and Brain Asymmetry: A Twin Study of Multiple Structural Phenotypes. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 1100-1117.	1.1	50
1929	An Improved BET Method for Brain Segmentation. , 2014, , .		2
1930	Structural Covariance Networks of the Dorsal Anterior Insula Predict Females' Individual Differences in Empathic Responding. <i>Cerebral Cortex</i> , 2014, 24, 2189-2198.	1.6	43
1931	Inter-institutional protocol describing the use of three-dimensional printing for surgical planning in a patient with childhood epilepsy: From 3D modeling to neuronavigation. , 2014, , .		4
1932	Nonparametric Bayesian clustering of structural whole brain connectivity in full image resolution. , 2014, , .		2
1933	Thalamo-Cortical Connectivity: What Can Diffusion Tractography Tell Us About Reading Difficulties in Children?. <i>Brain Connectivity</i> , 2014, 4, 428-439.	0.8	14
1934	A review of the use of magnetic resonance imaging in Parkinson's disease. <i>Therapeutic Advances in Neurological Disorders</i> , 2014, 7, 206-220.	1.5	111
1935	Phonologic errors as a clinical marker of the logopenic variant of PPA. <i>Neurology</i> , 2014, 82, 1620-1627.	1.5	61
1936	Biological vulnerability to depression: linked structural and functional brain network findings. <i>British Journal of Psychiatry</i> , 2014, 204, 283-289.	1.7	77
1937	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
1938	The Control of Global Brain Dynamics: Opposing Actions of Frontoparietal Control and Default Mode Networks on Attention. <i>Journal of Neuroscience</i> , 2014, 34, 451-461.	1.7	174
1939	Understanding Effector Selectivity in Human Posterior Parietal Cortex by Combining Information Patterns and Activation Measures. <i>Journal of Neuroscience</i> , 2014, 34, 7102-7112.	1.7	57
1940	Cortical Correlates of Human Motion Perception Biases. <i>Journal of Neuroscience</i> , 2014, 34, 2592-2604.	1.7	52

#	ARTICLE	IF	CITATIONS
1941	Post-adolescent developmental changes in cortical complexity. Behavioral and Brain Functions, 2014, 10, 44.	1.4	24
1942	Effects of aerobic exercise on cognition and hippocampal volume in Alzheimer's disease: study protocol of a randomized controlled trial (The FIT-AD trial). Trials, 2014, 15, 394.	0.7	37
1943	Striatal and extrastriatal dopamine transporter levels relate to cognition in Lewy body diseases: an 11C altoprane positron emission tomography study. Alzheimer's Research and Therapy, 2014, 6, 52.	3.0	29
1944	Sensory-Motor Integration during Speech Production Localizes to Both Left and Right Planum Temporale. Journal of Neuroscience, 2014, 34, 12963-12972.	1.7	27
1945	The Retinotopic Organization of Macaque Occipitotemporal Cortex Anterior to V4 and Caudoventral to the Middle Temporal (MT) Cluster. Journal of Neuroscience, 2014, 34, 10168-10191.	1.7	88
1946	Early Musical Training Is Linked to Gray Matter Structure in the Ventral Premotor Cortex and Auditory-Motor Rhythm Synchronization Performance. Journal of Cognitive Neuroscience, 2014, 26, 755-767.	1.1	89
1947	Regional increases of cortical thickness in untreated, first-episode major depressive disorder. Translational Psychiatry, 2014, 4, e378-e378.	2.4	157
1948	Neural correlates of learning in an electrocorticographic motor-imagery brain-computer interface. Brain-Computer Interfaces, 2014, 1, 147-157.	0.9	14
1949	Effects of Beta-Amyloid on Resting State Functional Connectivity Within and Between Networks Reflect Known Patterns of Regional Vulnerability. Cerebral Cortex, 2016, 26, bhu259.	1.6	85
1950	Auditory Spatial Attention Representations in the Human Cerebral Cortex. Cerebral Cortex, 2014, 24, 773-784.	1.6	76
1951	Random Forest ensembles for detection and prediction of Alzheimer's disease with a good between-cohort robustness. NeuroImage: Clinical, 2014, 6, 115-125.	1.4	233
1952	Correction of Distortion in Flattened Representations of the Cortical Surface Allows Prediction of V1-V3 Functional Organization from Anatomy. PLoS Computational Biology, 2014, 10, e1003538.	1.5	175
1953	A sequence variant in human KALRN impairs protein function and coincides with reduced cortical thickness. Nature Communications, 2014, 5, 4858.	5.8	31
1954	Glucose hypometabolism is highly localized, but lower cortical thickness and brain atrophy are widespread in cognitively normal older adults. American Journal of Physiology - Endocrinology and Metabolism, 2014, 306, E1315-E1321.	1.8	43
1955	Differential Tangential Expansion as a Mechanism for Cortical Gyrification. Cerebral Cortex, 2014, 24, 2219-2228.	1.6	136
1956	Characterization of major depressive disorder using a multiparametric classification approach based on high resolution structural images. Journal of Psychiatry and Neuroscience, 2014, 39, 78-86.	1.4	24
1957	A Preliminary Study of the Influence of Age of Onset and Childhood Trauma on Cortical Thickness in Major Depressive Disorder. BioMed Research International, 2014, 2014, 1-9.	0.9	26
1958	Structural brain correlates of delay of gratification in the elderly.. Behavioral Neuroscience, 2014, 128, 134-145.	0.6	30

#	ARTICLE	IF	CITATIONS
1959	Neurophysiological Signals of Ignoring and Attending Are Separable and Related to Performance during Sustained Intersensory Attention. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 2055-2069.	1.1	7
1960	Discrimination of cortical laminae using MEG. <i>NeuroImage</i> , 2014, 102, 885-893.	2.1	65
1961	Neuroimaging paradigms for tonotopic mapping (II): The influence of acquisition protocol. <i>NeuroImage</i> , 2014, 100, 663-675.	2.1	13
1962	Extent of cortical generators visible on the scalp: Effect of a subdural grid. <i>NeuroImage</i> , 2014, 101, 787-795.	2.1	28
1963	The fine line between "brave"™ and "reckless"™: Amygdala reactivity and regulation predict recognition of risk. <i>NeuroImage</i> , 2014, 103, 1-9.	2.1	28
1964	Automated MRI cerebellar size measurements using active appearance modeling. <i>NeuroImage</i> , 2014, 103, 511-521.	2.1	14
1965	Age-related Changes in Tissue Signal Properties Within Cortical Areas Important for Word Understanding in 12- to 19-Month-Old Infants. <i>Cerebral Cortex</i> , 2014, 24, 1948-1955.	1.6	16
1966	Development of a Finite Element Head Model for the Study of Impact Head Injury. <i>BioMed Research International</i> , 2014, 2014, 1-14.	0.9	45
1967	Morphology of Primary Visual Cortex Predicts Individual Differences in Fixation Duration during Text Reading. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 2880-2888.	1.1	15
1968	Regions of Mid-level Human Visual Cortex Sensitive to the Global Coherence of Local Image Patches. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 1764-1774.	1.1	4
1969	Thinking Outside the Box: Rectilinear Shapes Selectively Activate Scene-Selective Cortex. <i>Journal of Neuroscience</i> , 2014, 34, 6721-6735.	1.7	146
1970	Distinct cortical locations for integration of audiovisual speech and the McGurk effect. <i>Frontiers in Psychology</i> , 2014, 5, 534.	1.1	49
1971	Amyloid and <i>APOE</i> $\epsilon 4$ interact to influence short-term decline in preclinical Alzheimer disease. <i>Neurology</i> , 2014, 82, 1760-1767.	1.5	246
1972	Selective Disruption of Sociocognitive Structural Brain Networks in Autism and Alexithymia. <i>Cerebral Cortex</i> , 2014, 24, 3258-3267.	1.6	110
1973	Deficits in Process-Specific Prefrontal and Hippocampal Activations Contribute to Adult Age Differences in Episodic Memory Interference. <i>Cerebral Cortex</i> , 2014, 24, 1832-1844.	1.6	38
1974	Sequential application of viscous opening and lower leveling for three-dimensional brain extraction on magnetic resonance imaging T1. <i>Journal of Electronic Imaging</i> , 2014, 23, 033010.	0.5	1
1975	Comparison of a layered slab and an atlas head model for Monte Carlo fitting of time-domain near-infrared spectroscopy data of the adult head. <i>Journal of Biomedical Optics</i> , 2014, 19, 016010.	1.4	52
1976	The Brain Circuitry Mediating Antipruritic Effects of Acupuncture. <i>Cerebral Cortex</i> , 2014, 24, 873-882.	1.6	73

#	ARTICLE	IF	CITATIONS
1977	Regional Hippocampal Volumes and Development Predict Learning and Memory. <i>Developmental Neuroscience</i> , 2014, 36, 161-174.	1.0	67
1978	Three-dimensional brain magnetic resonance imaging segmentation via knowledge-driven decision theory. <i>Journal of Medical Imaging</i> , 2014, 1, 034001.	0.8	1
1979	The Developmental Mismatch in Structural Brain Maturation during Adolescence. <i>Developmental Neuroscience</i> , 2014, 36, 147-160.	1.0	295
1980	Sensitivity of near-infrared spectroscopy and diffuse correlation spectroscopy to brain hemodynamics: simulations and experimental findings during hypercapnia. <i>Neurophotonics</i> , 2014, 1, 015005.	1.7	123
1981	Vestibular and visual responses in human posterior insular cortex. <i>Journal of Neurophysiology</i> , 2014, 112, 2481-2491.	0.9	78
1982	Reduced cortical thickness associated with visceral fat and BMI. <i>NeuroImage: Clinical</i> , 2014, 6, 307-311.	1.4	96
1983	Asymmetry of cortical decline in subtypes of primary progressive aphasia. <i>Neurology</i> , 2014, 83, 1184-1191.	1.5	88
1984	Structural Damage and Functional Reorganization in Ipsilesional M1 in Well-Recovered Patients With Subcortical Stroke. <i>Stroke</i> , 2014, 45, 788-793.	1.0	75
1985	Correspondence of electroencephalography and near-infrared spectroscopy sensitivities to the cerebral cortex using a high-density layout. <i>Neurophotonics</i> , 2014, 1, 025001.	1.7	14
1986	Novel ThickNet features for the discrimination of amnesic MCI subtypes. <i>NeuroImage: Clinical</i> , 2014, 6, 284-295.	1.4	9
1987	Estimation of Regional Activation Maps and Interdependencies from Minimum Norm Estimates of Magnetoencephalography (MEG) Data. <i>Neuroinformatics</i> , 2014, , 267-289.	0.2	1
1988	A dam for retrograde axonal degeneration in multiple sclerosis?. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2014, 85, 782-789.	0.9	82
1989	Effects of genetic variation on the dynamics of neurodegeneration in Alzheimer's disease. , 2014, 2014, 2464-7.		7
1990	Automated MRI parcellation of the frontal lobe. <i>Human Brain Mapping</i> , 2014, 35, 2009-2026.	1.9	22
1991	Validation of consistent inter-subject connectivity-based parcellation. , 2014, , .		1
1992	Three-Dimensional Mean-Shift Edge Bundling for the Visualization of Functional Connectivity in the Brain. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2014, 20, 471-480.	2.9	50
1993	Increased cortical thickness in a frontoparietal network in social anxiety disorder. <i>Human Brain Mapping</i> , 2014, 35, 2966-2977.	1.9	72
1994	Neural mechanisms of feature conjunction learning: Enduring changes in occipital cortex after a week of training. <i>Human Brain Mapping</i> , 2014, 35, 1201-1211.	1.9	29

#	ARTICLE	IF	CITATIONS
1995	What Explains Gray Matter Atrophy in Long-standing Multiple Sclerosis?. <i>Radiology</i> , 2014, 272, 832-842.	3.6	69
1996	Volumetric correlates of cognitive functioning in nondemented patients with Parkinson's disease. <i>Movement Disorders</i> , 2014, 29, 360-367.	2.2	55
1997	Associations between $T_1$ white matter lesion volume and regional white matter microstructure in aging. <i>Human Brain Mapping</i> , 2014, 35, 1085-1100.	1.9	54
1998	Brain morphology in children with 47,XY syndrome: a voxel- and surface-based morphometric study. <i>Genes, Brain and Behavior</i> , 2014, 13, 127-134.	1.1	18
1999	Distinct structural neural patterns of trait physical and social anhedonia: Evidence from cortical thickness, subcortical volumes and inter-regional correlations. <i>Psychiatry Research - Neuroimaging</i> , 2014, 224, 184-191.	0.9	21
2000	A survey of MRI-based brain tumor segmentation methods. <i>Tsinghua Science and Technology</i> , 2014, 19, 578-595.	4.1	252
2001	AMYGDALA RESPONSE TO NEGATIVE STIMULI PREDICTS PTSD SYMPTOM ONSET FOLLOWING A TERRORIST ATTACK. <i>Depression and Anxiety</i> , 2014, 31, 834-842.	2.0	114
2002	Insula White Matter Volume Linked to Binge Drinking Frequency Through Enhancement Motives in Treated Adolescents. <i>Alcoholism: Clinical and Experimental Research</i> , 2014, 38, 1932-1940.	1.4	22
2003	Event-related fMRI at 7T reveals overlapping cortical representations for adjacent fingertips in S1 of individual subjects. <i>Human Brain Mapping</i> , 2014, 35, 2027-2043.	1.9	77
2004	Surface-based analysis reveals regions of reduced cortical magnetization transfer ratio in patients with multiple sclerosis: A proposed method for imaging subpial demyelination. <i>Human Brain Mapping</i> , 2014, 35, 3402-3413.	1.9	41
2005	Regional cortical thinning may be a biological marker for borderline personality disorder. <i>Acta Psychiatrica Scandinavica</i> , 2014, 130, 193-204.	2.2	21
2006	Lack of Efficacy of Motor Cortex Stimulation for the Treatment of Neuropathic Pain in 14 Patients. <i>Neuromodulation</i> , 2014, 17, 303-311.	0.4	43
2007	Assessment of tonotopically organised subdivisions in human auditory cortex using volumetric and surface-based cortical alignments. <i>Human Brain Mapping</i> , 2014, 35, 1544-1561.	1.9	22
2008	Attributing awareness to oneself and to others. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 5012-5017.	3.3	54
2009	Frontal and temporal contributions to understanding the iconic co-speech gestures that accompany speech. <i>Human Brain Mapping</i> , 2014, 35, 900-917.	1.9	72
2010	Age- and gender-related regional variations of human brain cortical thickness, complexity, and gradient in the third decade. <i>Human Brain Mapping</i> , 2014, 35, 2817-2835.	1.9	15
2011	Development of superficial white matter and its structural interplay with cortical gray matter in children and adolescents. <i>Human Brain Mapping</i> , 2014, 35, 2806-2816.	1.9	65
2012	Reconstruction of the human cerebral cortex robust to white matter lesions: Method and validation. <i>Human Brain Mapping</i> , 2014, 35, 3385-3401.	1.9	33

#	ARTICLE	IF	CITATIONS
2013	In vivo mapping of hippocampal subfields in mesial temporal lobe epilepsy: Relation to histopathology. <i>Human Brain Mapping</i> , 2014, 35, 4718-4728.	1.9	69
2014	Aberrant parietal cortex developmental trajectories in girls with turner syndrome and related visual spatial cognitive development: A preliminary study. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2014, 165, 531-540.	1.1	26
2015	Optimization of retinotopy constrained source estimation constrained by prior. <i>Human Brain Mapping</i> , 2014, 35, 1815-1833.	1.9	12
2016	Decoding the individual finger movements from single-trial functional magnetic resonance imaging recordings of human brain activity. <i>European Journal of Neuroscience</i> , 2014, 39, 2071-2082.	1.2	17
2017	Cognitive and behavioral correlates of caudate subregion shape variation in fragile X syndrome. <i>Human Brain Mapping</i> , 2014, 35, 2861-2868.	1.9	24
2018	Disruption of structural and functional networks in long-standing multiple sclerosis. <i>Human Brain Mapping</i> , 2014, 35, 5946-5961.	1.9	79
2019	Differential Longitudinal Changes in Cortical Thickness, Surface Area and Volume across the Adult Life Span: Regions of Accelerating and Decelerating Change. <i>Journal of Neuroscience</i> , 2014, 34, 8488-8498.	1.7	450
2020	Comparative reliability analysis of publicly available software packages for automatic intracranial volume estimation. , 2014, 2014, 2342-5.		5
2021	Association Between Structural and Functional Connectivity in the Verb Generation Network. <i>Brain Connectivity</i> , 2014, 4, 221-229.	0.8	2
2022	The DTI study on visual cortex V6 of human brain. , 2014, , .		0
2023	Three-dimensional B-spline-based intersubject nonrigid registration with geodesic closest points constraints. <i>Journal of Electronic Imaging</i> , 2014, 23, 063001.	0.5	1
2024	Brain Changes in Kallmann Syndrome. <i>American Journal of Neuroradiology</i> , 2014, 35, 1700-1706.	1.2	28
2025	Multisystem Component Phenotypes of Bipolar Disorder for Genetic Investigations of Extended Pedigrees. <i>JAMA Psychiatry</i> , 2014, 71, 375.	6.0	87
2026	Denosing and artefact reduction in dynamic flat detector CT perfusion imaging using high speed acquisition: first experimental and clinical results. <i>Physics in Medicine and Biology</i> , 2014, 59, 4505-4524.	1.6	14
2027	Visual field asymmetries in visual evoked responses. <i>Journal of Vision</i> , 2014, 14, 13-13.	0.1	31
2028	Accelerating Cortical Thinning: Unique to Dementia or Universal in Aging?. <i>Cerebral Cortex</i> , 2014, 24, 919-934.	1.6	250
2029	Neuropsychiatric Symptoms and Regional Neocortical Atrophy in Mild Cognitive Impairment and Alzheimer's Disease. <i>American Journal of Alzheimer's Disease and Other Dementias</i> , 2014, 29, 159-165.	0.9	37
2030	Normal Birth Weight Variation Is Related to Cortical Morphology Across the Psychosis Spectrum. <i>Schizophrenia Bulletin</i> , 2014, 40, 410-419.	2.3	33



#	ARTICLE	IF	CITATIONS
2031	HIV DNA in CD14+ reservoirs is associated with regional brain atrophy in patients naive to combination antiretroviral therapy. <i>Aids</i> , 2014, 28, 1619-1624.	1.0	19
2032	Visualization of human cognitive processing by MEG. , 2014, , .		0
2033	Category Specific Spatial Dissociations of Parallel Processes Underlying Visual Naming. <i>Cerebral Cortex</i> , 2014, 24, 2741-2750.	1.6	38
2034	The Neural Coding of Feedback Learning across Child and Adolescent Development. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 1705-1720.	1.1	53
2035	Larger Extrastriate Population Receptive Fields in Autism Spectrum Disorders. <i>Journal of Neuroscience</i> , 2014, 34, 2713-2724.	1.7	115
2036	Structural alterations of brain grey and white matter in early deaf adults. <i>Hearing Research</i> , 2014, 318, 1-10.	0.9	48
2037	Impaired decision-making and selective cortical frontal thinning in Cushing's syndrome. <i>Clinical Endocrinology</i> , 2014, 81, 826-833.	1.2	46
2038	Disrupted Brain Circuitry for Pain-Related Reward/Punishment in Fibromyalgia. <i>Arthritis and Rheumatology</i> , 2014, 66, 203-212.	2.9	139
2039	Cross-Modal Plasticity Preserves Functional Specialization in Posterior Parietal Cortex. <i>Cerebral Cortex</i> , 2014, 24, 541-549.	1.6	27
2040	Dissociation between Neural Signatures of Stimulus and Choice in Population Activity of Human V1 during Perceptual Decision-Making. <i>Journal of Neuroscience</i> , 2014, 34, 2725-2743.	1.7	28
2041	Biomedical Imaging Informatics. , 2014, , 285-327.		10
2042	Deep Learning for Cerebellar Ataxia Classification and Functional Score Regression. <i>Lecture Notes in Computer Science</i> , 2014, 8679, 68-76.	1.0	23
2043	Cortical thickness and inattention/hyperactivity symptoms in young children: a population-based study. <i>Psychological Medicine</i> , 2014, 44, 3203-3213.	2.7	33
2044	Longitudinal course of cortical thickness decline in amyotrophic lateral sclerosis. <i>Journal of Neurology</i> , 2014, 261, 1871-1880.	1.8	45
2045	Neuroimaging, Neural Population Models for. , 2014, , 1-29.		3
2047	Encoding of graded changes in spatial specificity of prior cues in human visual cortex. <i>Journal of Neurophysiology</i> , 2014, 112, 2834-2849.	0.9	19
2048	Bilateral hippocampal increase following first-episode psychosis is associated with good clinical, functional and cognitive outcomes. <i>Psychological Medicine</i> , 2014, 44, 1279-1291.	2.7	40
2049	Global Association Between Cortical Thinning and White Matter Integrity Reduction in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2014, 40, 420-427.	2.3	36

#	ARTICLE	IF	CITATIONS
2050	Automatic Method for Thalamus Parcellation Using Multi-modal Feature Classification. Lecture Notes in Computer Science, 2014, 17, 169-176.	1.0	14
2051	Atypical age-related cortical thinning in episodic migraine. Cephalalgia, 2014, 34, 1115-1124.	1.8	58
2052	Cortical Surface Area and Cortical Thickness Demonstrate Differential Structural Asymmetry in Auditory-Related Areas of the Human Cortex. Cerebral Cortex, 2014, 24, 2541-2552.	1.6	86
2053	Reorganization of Retinotopic Maps after Occipital Lobe Infarction. Journal of Cognitive Neuroscience, 2014, 26, 1266-1282.	1.1	26
2054	Neural Correlates of Amusia in Williams Syndrome. Brain Sciences, 2014, 4, 594-612.	1.1	9
2055	Changes in Cortical Thickness in 6-Year-Old Children Open Their Mind to a Global Vision of the World. BioMed Research International, 2014, 2014, 1-7.	0.9	13
2056	Imaging Structure and Function. , 2014, , 585-605.		3
2057	Neural Language Processing in Adolescent First-Language Learners. Cerebral Cortex, 2014, 24, 2772-2783.	1.6	33
2058	<i>DCDC2</i> Polymorphism Is Associated with Left Temporoparietal Gray and White Matter Structures during Development. Journal of Neuroscience, 2014, 34, 14455-14462.	1.7	35
2059	Neuroanatomical domain of the foundational model of anatomy ontology. Journal of Biomedical Semantics, 2014, 5, 1.	0.9	50
2060	Diagnostic Discontinuity in Psychosis: A Combined Study of Cortical Gyrfication and Functional Connectivity. Schizophrenia Bulletin, 2014, 40, 675-684.	2.3	89
2061	Phenotype Matters. Clinical Journal of Pain, 2014, 30, 839-845.	0.8	20
2062	Impact of 5â€Hz <i>rTMS</i> over the primary sensory cortex is related to white matter volume in individuals with chronic stroke. European Journal of Neuroscience, 2014, 40, 3405-3412.	1.2	25
2063	Common variation in <i>NCAN</i> , a risk factor for bipolar disorder and schizophrenia, influences local cortical folding in schizophrenia. Psychological Medicine, 2014, 44, 811-820.	2.7	54
2064	Functional Signalers of Changes in Visual Stimuli: Cortical Responses to Increments and Decrements in Motion Coherence. Cerebral Cortex, 2014, 24, 110-118.	1.6	26
2065	Regional specificity of sex effects on subcortical volumes across the lifespan in healthy aging. Human Brain Mapping, 2014, 35, 238-247.	1.9	71
2066	Covarying alterations in $A\beta^2$ deposition, glucose metabolism, and gray matter volume in cognitively normal elderly. Human Brain Mapping, 2014, 35, 297-308.	1.9	88
2067	Linking novelty seeking and harm avoidance personality traits to cerebellar volumes. Human Brain Mapping, 2014, 35, 285-296.	1.9	35

#	ARTICLE	IF	CITATIONS
2068	Interactive effects of chronic cigarette smoking and age on brain volumes in controls and alcohol-dependent individuals in early abstinence. <i>Addiction Biology</i> , 2014, 19, 132-143.	1.4	51
2069	<i>APOE</i> interacts with age to modify rate of decline in cognitive and brain changes in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2014, 10, 336-348.	0.4	35
2070	Interhemispheric differences of fMRI responses to visual stimuli in patients with side-€fixed migraine aura. <i>Human Brain Mapping</i> , 2014, 35, 2714-2723.	1.9	57
2071	Cortical surface complexity in frontal and temporal areas varies across subgroups of schizophrenia. <i>Human Brain Mapping</i> , 2014, 35, 1691-1699.	1.9	54
2072	Jacobian integration method increases the statistical power to measure gray matter atrophy in multiple sclerosis. <i>NeuroImage: Clinical</i> , 2014, 4, 10-17.	1.4	73
2073	Typical development of basal ganglia, hippocampus, amygdala and cerebellum from age 7 to 24. <i>NeuroImage</i> , 2014, 96, 67-72.	2.1	235
2074	The first-night effect suppresses the strength of slow-wave activity originating in the visual areas during sleep. <i>Vision Research</i> , 2014, 99, 154-161.	0.7	20
2075	Spatio-temporal processing of words and nonwords: Hemispheric laterality and acute alcohol intoxication. <i>Brain Research</i> , 2014, 1558, 18-32.	1.1	13
2076	Highcor: A novel data-driven regressor identification method for BOLD fMRI. <i>NeuroImage</i> , 2014, 98, 184-194.	2.1	11
2077	Distinct pattern of hypometabolism and atrophy in preclinical and prodementia Alzheimer's disease. <i>Neurobiology of Aging</i> , 2014, 35, 1973-1981.	1.5	52
2078	Reduced cortical thickness in veterans exposed to early life trauma. <i>Psychiatry Research - Neuroimaging</i> , 2014, 223, 53-60.	0.9	51
2079	Tractography in amyotrophic lateral sclerosis using a novel probabilistic tool: A study with tract-based reconstruction compared to voxel-based approach. <i>Journal of Neuroscience Methods</i> , 2014, 224, 79-87.	1.3	43
2080	Measuring the dynamic longitudinal cortex development in infants by reconstruction of temporally consistent cortical surfaces. <i>NeuroImage</i> , 2014, 90, 266-279.	2.1	113
2081	Sustained attention to spontaneous thumb sensations activates brain somatosensory and other proprioceptive areas. <i>Brain and Cognition</i> , 2014, 87, 86-96.	0.8	38
2082	Switching auditory attention using spatial and non-spatial features recruits different cortical networks. <i>NeuroImage</i> , 2014, 84, 681-687.	2.1	36
2083	Automated interhemispheric surface extraction in T1-weighted MRI using intensity and symmetry information. <i>Journal of Neuroscience Methods</i> , 2014, 222, 97-105.	1.3	2
2084	Genetic modification of the relationship between phosphorylated tau and neurodegeneration. <i>Alzheimer's and Dementia</i> , 2014, 10, 637.	0.4	21
2085	Relations among prospective memory, cognitive abilities, and brain structure in adolescents who vary in prenatal drug exposure. <i>Journal of Experimental Child Psychology</i> , 2014, 127, 144-162.	0.7	14

#	ARTICLE	IF	CITATIONS
2086	Clinical value of magnetoencephalographic spike propagation represented by spatiotemporal source analysis: Correlation with surgical outcome. <i>Epilepsy Research</i> , 2014, 108, 280-288.	0.8	22
2087	Association between Postnatal Dexamethasone for Treatment of Bronchopulmonary Dysplasia and Brain Volumes at Adolescence in Infants Born Very Preterm. <i>Journal of Pediatrics</i> , 2014, 164, 737-743.e1.	0.9	52
2088	Application of quantitative DTI metrics in sporadic CJD. <i>NeuroImage: Clinical</i> , 2014, 4, 426-435.	1.4	32
2089	Towards obtaining spatiotemporally precise responses to continuous sensory stimuli in humans: A general linear modeling approach to EEG. <i>NeuroImage</i> , 2014, 97, 196-205.	2.1	37
2090	Improving the Execution Performance of FreeSurfer. <i>Neuroinformatics</i> , 2014, 12, 413-421.	1.5	11
2091	Age estimation using cortical surface pattern combining thickness with curvatures. <i>Medical and Biological Engineering and Computing</i> , 2014, 52, 331-341.	1.6	56
2092	Imaging markers of structural and functional brain changes that precede cognitive symptoms in risk for Alzheimer's disease. <i>Brain Imaging and Behavior</i> , 2014, 8, 251-261.	1.1	27
2093	Influence of age, sex and genetic factors on the human brain. <i>Brain Imaging and Behavior</i> , 2014, 8, 143-152.	1.1	69
2094	Graphical neuroimaging informatics: Application to Alzheimer's disease. <i>Brain Imaging and Behavior</i> , 2014, 8, 300-310.	1.1	2
2095	Dynamic and static contributions of the cerebrovasculature to the resting-state BOLD signal. <i>NeuroImage</i> , 2014, 84, 672-680.	2.1	51
2096	Combined insular and striatal dopamine dysfunction are associated with executive deficits in Parkinson's disease with mild cognitive impairment. <i>Brain</i> , 2014, 137, 565-575.	3.7	116
2097	Pubertal status associations with reward and threat sensitivities and subcortical brain volumes during adolescence. <i>Brain and Cognition</i> , 2014, 89, 15-26.	0.8	45
2098	Changing value through cued approach: an automatic mechanism of behavior change. <i>Nature Neuroscience</i> , 2014, 17, 625-630.	7.1	126
2099	The Allen Brain Atlas. , 2014, , 1111-1126.		18
2100	It is unclear if adjusting cortical thickness for changes in gray/white matter intensity ratio improves discrimination between normal aging, MCI, and AD. <i>Brain Imaging and Behavior</i> , 2014, 8, 133-140.	1.1	3
2101	Cortical Signature of Neurological Soft Signs in Recent Onset Schizophrenia. <i>Brain Topography</i> , 2014, 27, 296-306.	0.8	42
2102	Evaluation of group-specific, whole-brain atlas generation using Volume-based Template Estimation (VTE): Application to normal and Alzheimer's populations. <i>NeuroImage</i> , 2014, 84, 406-419.	2.1	21
2103	A Transition in Brain State during Propofol-Induced Unconsciousness. <i>Journal of Neuroscience</i> , 2014, 34, 839-845.	1.7	115

#	ARTICLE	IF	CITATIONS
2104	Resolving human object recognition in space and time. <i>Nature Neuroscience</i> , 2014, 17, 455-462.	7.1	654
2105	Disrupted thalamo-cortical connectivity in schizophrenia: A morphometric correlation analysis. <i>Schizophrenia Research</i> , 2014, 153, 129-135.	1.1	18
2106	Evolutionarily Dynamic Alternative Splicing of <i>GPR56</i> Regulates Regional Cerebral Cortical Patterning. <i>Science</i> , 2014, 343, 764-768.	6.0	238
2107	Mild cognitive impairment is linked with faster rate of cortical thinning in patients with Parkinson's disease longitudinally. <i>Brain</i> , 2014, 137, 1120-1129.	3.7	172
2108	Sensitive periods of amygdala development: The role of maltreatment in preadolescence. <i>NeuroImage</i> , 2014, 97, 236-244.	2.1	257
2109	Oscillatory spatial profile of alcohol's effects on the resting state: Anatomically-constrained MEG. <i>Alcohol</i> , 2014, 48, 89-97.	0.8	12
2110	Sparse weightings for collapsing inverse solutions to cortical parcellations optimize M/EEG source reconstruction accuracy. <i>Journal of Neuroscience Methods</i> , 2014, 226, 147-160.	1.3	74
2111	Reconstructing spatially extended brain sources via enforcing multiple transform sparseness. <i>NeuroImage</i> , 2014, 86, 280-293.	2.1	56
2112	Second order blind identification on the cerebral cortex. <i>Journal of Neuroscience Methods</i> , 2014, 223, 40-49.	1.3	5
2113	Neural Mechanisms of Object-Based Attention. <i>Science</i> , 2014, 344, 424-427.	6.0	445
2114	Lexical factors and cerebral regions influencing verbal fluency performance in MCI. <i>Neuropsychologia</i> , 2014, 54, 98-111.	0.7	44
2115	Quantifying anatomical shape variations in neurological disorders. <i>Medical Image Analysis</i> , 2014, 18, 616-633.	7.0	24
2116	Discerning Mild Cognitive Impairment and Alzheimer Disease from Normal Aging. <i>Academic Radiology</i> , 2014, 21, 597-604.	1.3	7
2117	Reduced cortical and subcortical volumes in female adolescents with borderline personality disorder. <i>Psychiatry Research - Neuroimaging</i> , 2014, 221, 179-186.	0.9	20
2118	Cortical thickness differences between bipolar depression and major depressive disorder. <i>Bipolar Disorders</i> , 2014, 16, 378-388.	1.1	59
2119	Cerebrovascular perfusion among older adults is moderated by strength training and gender. <i>Neuroscience Letters</i> , 2014, 560, 26-30.	1.0	26
2120	On the Same Wavelength: Predictable Language Enhances Speaker's Listener Brain-to-Brain Synchrony in Posterior Superior Temporal Gyrus. <i>Journal of Neuroscience</i> , 2014, 34, 6267-6272.	1.7	135
2121	Parcellating an Individual Subject's Cortical and Subcortical Brain Structures Using Snowball Sampling of Resting-State Correlations. <i>Cerebral Cortex</i> , 2014, 24, 2036-2054.	1.6	115

#	ARTICLE	IF	CITATIONS
2122	An approach for parcellating human cortical areas using resting-state correlations. <i>NeuroImage</i> , 2014, 93, 276-291.	2.1	167
2123	Local termination pattern analysis: a tool for comparing white matter morphology. <i>Brain Imaging and Behavior</i> , 2014, 8, 292-299.	1.1	28
2124	Validation of FreeSurfer-Estimated Brain Cortical Thickness: Comparison with Histologic Measurements. <i>Neuroinformatics</i> , 2014, 12, 535-542.	1.5	137
2125	Graph Theory Analysis of Cortical-Subcortical Networks in Late-Life Depression. <i>American Journal of Geriatric Psychiatry</i> , 2014, 22, 195-206.	0.6	78
2126	Dynamic mechanisms underlying afterdischarge: A human subdural recording study. <i>Clinical Neurophysiology</i> , 2014, 125, 1324-1338.	0.7	28
2127	Unique developmental trajectories of cortical thickness and surface area. <i>NeuroImage</i> , 2014, 87, 120-126.	2.1	458
2128	Comparison of Brain Structural Variables, Neuropsychological Factors, and Treatment Outcome in Early-Onset Versus Late-Onset Late-Life Depression. <i>American Journal of Geriatric Psychiatry</i> , 2014, 22, 1039-1046.	0.6	29
2129	Estimates of segregation and overlap of functional connectivity networks in the human cerebral cortex. <i>NeuroImage</i> , 2014, 88, 212-227.	2.1	220
2130	Childhood Maltreatment: Altered Network Centrality of Cingulate, Precuneus, Temporal Pole and Insula. <i>Biological Psychiatry</i> , 2014, 76, 297-305.	0.7	169
2131	MNE software for processing MEG and EEG data. <i>NeuroImage</i> , 2014, 86, 446-460.	2.1	1,431
2132	Two-dimensional spatial tuning for saccades in human parieto-frontal cortex. <i>NeuroImage</i> , 2014, 87, 476-489.	2.1	10
2133	Automatic Alignment of Genus-Zero Surfaces. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2014, 36, 466-478.	9.7	15
2134	Cortical Changes Associated with Depression and Antidepressant Use in Alzheimer and Lewy Body Dementia: An MRI Surface-based Morphometric Study. <i>American Journal of Geriatric Psychiatry</i> , 2014, 22, 4-13.e1.	0.6	41
2135	Thalamic volume and thalamo-cortical white matter tracts correlate with motor and verbal memory performance. <i>NeuroImage</i> , 2014, 91, 77-83.	2.1	36
2136	Sensory-motor transformations for speech occur bilaterally. <i>Nature</i> , 2014, 507, 94-98.	13.7	200
2137	Blockface histology with optical coherence tomography: A comparison with Nissl staining. <i>NeuroImage</i> , 2014, 84, 524-533.	2.1	87
2138	Developmental changes in the structure of the social brain in late childhood and adolescence. <i>Social Cognitive and Affective Neuroscience</i> , 2014, 9, 123-131.	1.5	318
2139	Comparison of statistical tests for group differences in brain functional networks. <i>NeuroImage</i> , 2014, 101, 681-694.	2.1	47

#	ARTICLE	IF	CITATIONS
2140	Neuroanatomical precursors of dyslexia identified from pre-reading through to age 11. <i>Brain</i> , 2014, 137, 3136-3141.	3.7	127
2141	Evaluating dementia risk from MRI by fuzzy inference model. , 2014, , .		0
2142	Diagnosis of autism spectrum disorders using regional and interregional morphological features. <i>Human Brain Mapping</i> , 2014, 35, 3414-3430.	1.9	77
2143	Gray Matter Volume in Left Rostral Middle Frontal and Left Cerebellar Cortices Predicts Frontal Executive Performance in Alcoholic Subjects. <i>Alcoholism: Clinical and Experimental Research</i> , 2014, 38, 1126-1133.	1.4	27
2144	Detectability of brain structure abnormalities related to autism through MRI-derived measures from multiple scanners. , 2014, , .		5
2145	White matter in the older brain is more plastic than in the younger brain. <i>Nature Communications</i> , 2014, 5, 5504.	5.8	48
2146	Binge Alcohol Consumption in Emerging Adults: Anterior Cingulate Cortical "Thinness" Is Associated with Alcohol Use Patterns. <i>Alcoholism: Clinical and Experimental Research</i> , 2014, 38, 1955-1964.	1.4	63
2147	Taking the pulse of aging: Mapping pulse pressure and elasticity in cerebral arteries with optical methods. <i>Psychophysiology</i> , 2014, 51, 1072-1088.	1.2	63
2148	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
2149	A fuzzy approach to evaluating the risk of dementia by analyzing the cortical thickness from MRI. , 2014, , .		0
2150	Polygenic determinants of white matter volume derived from GWAS lack reproducibility in a replicate sample. <i>Translational Psychiatry</i> , 2014, 4, e362-e362.	2.4	35
2151	White matter involvement in sporadic Creutzfeldt-Jakob disease. <i>Brain</i> , 2014, 137, 3339-3354.	3.7	42
2152	Using Structural Equation Modeling to Assess Functional Connectivity in the Brain. <i>Educational and Psychological Measurement</i> , 2014, 74, 733-758.	1.2	185
2153	Producing Speech with a Newly Learned Morphosyntax and Vocabulary: An Magnetoencephalography Study. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 1721-1735.	1.1	8
2154	Degradation of emotion processing ability in corticobasal syndrome and Alzheimer's disease. <i>Brain</i> , 2014, 137, 3061-3072.	3.7	88
2155	Fusion of white and gray matter geometry: A framework for investigating brain development. <i>Medical Image Analysis</i> , 2014, 18, 1349-1360.	7.0	22
2156	Brain Morphometry and Cognition in Young Adults Born Small for Gestational Age at Term. <i>Journal of Pediatrics</i> , 2014, 165, 921-927.e1.	0.9	27
2157	The Vitamin D to Ameliorate Multiple Sclerosis (VIDAMS) trial: Study design for a multicenter, randomized, double-blind controlled trial of vitamin D in multiple sclerosis. <i>Contemporary Clinical Trials</i> , 2014, 39, 288-293.	0.8	64

#	ARTICLE	IF	CITATIONS
2158	Adiposity is associated with structural properties of the adolescent brain. <i>NeuroImage</i> , 2014, 103, 192-201.	2.1	21
2159	Cortical thinning associated with mild cognitive impairment in Parkinson's disease. <i>Movement Disorders</i> , 2014, 29, 1495-1503.	2.2	100
2160	Neuroimaging paradigms for tonotopic mapping (I): The influence of sound stimulus type. <i>NeuroImage</i> , 2014, 100, 650-662.	2.1	18
2161	Atlas-free brain segmentation in 3D proton-density-like MRI images. , 2014, , .		5
2162	Altered Structural Connectome in Temporal Lobe Epilepsy. <i>Radiology</i> , 2014, 270, 842-848.	3.6	92
2163	Vascular risk and $\hat{A}^2$ interact to reduce cortical thickness in AD vulnerable brain regions. <i>Neurology</i> , 2014, 83, 40-47.	1.5	83
2164	ZNF804A and Cortical Structure in Schizophrenia: In Vivo and Postmortem Studies. <i>Schizophrenia Bulletin</i> , 2014, 40, 532-541.	2.3	28
2165	Using action understanding to understand the left inferior parietal cortex in the human brain. <i>Brain Research</i> , 2014, 1582, 64-76.	1.1	12
2166	A structural MRI study of cortical thickness in depersonalisation disorder. <i>Psychiatry Research - Neuroimaging</i> , 2014, 224, 1-7.	0.9	23
2167	Validation of the hypercapnic calibrated fMRI method using DOTâ€™fMRI fusion imaging. <i>NeuroImage</i> , 2014, 102, 729-735.	2.1	12
2168	Amygdala enlargement in unaffected offspring of bipolar parents. <i>Journal of Psychiatric Research</i> , 2014, 59, 200-205.	1.5	24
2169	Impaired response inhibition and excess cortical thickness asâ€™candidate endophenotypes for trichotillomania. <i>Journal of Psychiatric Research</i> , 2014, 59, 167-173.	1.5	48
2170	Ventral Striatum, but Not Cortical Volume Loss, Is Related to Cognitive Dysfunction in Type 1 Diabetic Patients With and Without Microangiopathy. <i>Diabetes Care</i> , 2014, 37, 2483-2490.	4.3	31
2171	Corticocortical Evoked Potentials Reveal Projectors and Integrators in Human Brain Networks. <i>Journal of Neuroscience</i> , 2014, 34, 9152-9163.	1.7	107
2172	The integrity of the cholinergic system determines memory performance in healthy elderly. <i>NeuroImage</i> , 2014, 100, 481-488.	2.1	30
2173	Sub-millimeter imaging of brain-free water for rapid volume assessment in atrophic brains. <i>NeuroImage</i> , 2014, 100, 370-378.	2.1	10
2174	Coalition Against Major Diseases/European Medicines Agency biomarker qualification of hippocampal volume for enrichment of clinical trials in predementia stages of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2014, 10, 421.	0.4	77
2175	Aberrant error processing in relation to symptom severity in obsessiveâ€™compulsive disorder: A multimodal neuroimaging study. <i>NeuroImage: Clinical</i> , 2014, 5, 141-151.	1.4	40



#	ARTICLE	IF	CITATIONS
2176	Voxel-Based Dipole Orientation Constraints for Distributed Current Estimation. <i>IEEE Transactions on Biomedical Engineering</i> , 2014, 61, 2028-2040.	2.5	6
2177	Diffusion Tensor Imaging. , 2014, , 77-86.		3
2178	Surface-based mixed effects multilevel analysis of grouped human electrocorticography. <i>NeuroImage</i> , 2014, 101, 215-224.	2.1	47
2179	Surface-based morphometry of the cortical architecture of autism spectrum disorders: volume, thickness, area, and gyrification. <i>Neuropsychologia</i> , 2014, 62, 1-10.	0.7	82
2180	An MRI-compatible caloric stimulation device for the investigation of human vestibular cortex. <i>Journal of Neuroscience Methods</i> , 2014, 235, 208-218.	1.3	24
2181	Magnetic resonance imaging striatal volumes: A biomarker for clinical trials in Huntington's disease. <i>Movement Disorders</i> , 2014, 29, 1429-1433.	2.2	23
2182	Shape Analysis of the Human Brain: A Brief Survey. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2014, 18, 1337-1354.	3.9	15
2183	Abnormal Changes of Multidimensional Surface Features Using Multivariate Pattern Classification in Amnesic Mild Cognitive Impairment Patients. <i>Journal of Neuroscience</i> , 2014, 34, 10541-10553.	1.7	72
2184	History of cigarette smoking in cognitively-normal elders is associated with elevated cerebrospinal fluid biomarkers of oxidative stress. <i>Drug and Alcohol Dependence</i> , 2014, 142, 262-268.	1.6	25
2185	Effects of low-level sarin and cyclosarin exposure on hippocampal subfields in Gulf War Veterans. <i>NeuroToxicology</i> , 2014, 44, 263-269.	1.4	37
2186	The architecture of the chess player's brain. <i>Neuropsychologia</i> , 2014, 62, 152-162.	0.7	55
2187	Cigarette Exposure, Dependence, and Craving Are Related to Insula Thickness in Young Adult Smokers. <i>Neuropsychopharmacology</i> , 2014, 39, 1816-1822.	2.8	76
2188	Evoked effective connectivity of the human neocortex. <i>Human Brain Mapping</i> , 2014, 35, 5736-5753.	1.9	72
2189	The default mode network is disrupted in parkinson's disease with visual hallucinations. <i>Human Brain Mapping</i> , 2014, 35, 5658-5666.	1.9	138
2190	Emotional and Behavioral Symptoms in Neurodegenerative Disease: A Model for Studying the Neural Bases of Psychopathology. <i>Annual Review of Clinical Psychology</i> , 2014, 10, 581-606.	6.3	139
2191	Simultaneous and consistent labeling of longitudinal dynamic developing cortical surfaces in infants. <i>Medical Image Analysis</i> , 2014, 18, 1274-1289.	7.0	34
2192	H.M.'s contributions to neuroscience: A review and autopsy studies. <i>Hippocampus</i> , 2014, 24, 1267-1286.	0.9	80
2193	Opposing Brain Differences in 16p11.2 Deletion and Duplication Carriers. <i>Journal of Neuroscience</i> , 2014, 34, 11199-11211.	1.7	149

#	ARTICLE	IF	CITATIONS
2194	Neural compensation in older people with brain amyloid- $\beta^2$ deposition. <i>Nature Neuroscience</i> , 2014, 17, 1316-1318.	7.1	167
2195	Poor sleep quality is associated with increased cortical atrophy in community-dwelling adults. <i>Neurology</i> , 2014, 83, 967-973.	1.5	176
2196	Hippocampal volume mediates the relationship between measures of pre-treatment cocaine use and within-treatment cocaine abstinence. <i>Drug and Alcohol Dependence</i> , 2014, 143, 74-80.	1.6	12
2197	Gray-matter macrostructure in cognitively healthy older persons: associations with age and cognition. <i>Brain Structure and Function</i> , 2014, 219, 2029-2049.	1.2	37
2198	The effect of age, diagnosis, and their interaction on vertex-based measures of cortical thickness and surface area in autism spectrum disorder. <i>Journal of Neural Transmission</i> , 2014, 121, 1157-1170.	1.4	59
2199	Cortical Neurodynamics of Inhibitory Control. <i>Journal of Neuroscience</i> , 2014, 34, 9551-9561.	1.7	51
2200	Identifying the Neuroanatomical Basis of Cognitive Impairment in Alzheimer's Disease by Correlation- and Nonlinearity-Aware Sparse Bayesian Learning. <i>IEEE Transactions on Medical Imaging</i> , 2014, 33, 1475-1487.	5.4	49
2201	Differences in age-related effects on brain volume in Down syndrome as compared to Williams syndrome and typical development. <i>Journal of Neurodevelopmental Disorders</i> , 2014, 6, 8.	1.5	29
2202	Interleukin-6 is linked to longitudinal rates of cortical thinning in aging. <i>Translational Neuroscience</i> , 2014, 5, 1-7.	0.7	31
2203	Multi-trial evoked EEG and independent component analysis. <i>Journal of Neuroscience Methods</i> , 2014, 228, 15-26.	1.3	29
2204	Event time analysis of longitudinal neuroimage data. <i>NeuroImage</i> , 2014, 97, 9-18.	2.1	28
2205	Dosage Effects of BDNF Val66Met Polymorphism on Cortical Surface Area and Functional Connectivity. <i>Journal of Neuroscience</i> , 2014, 34, 2645-2651.	1.7	37
2206	LOGISMOS-B: Layered Optimal Graph Image Segmentation of Multiple Objects and Surfaces for the Brain. <i>IEEE Transactions on Medical Imaging</i> , 2014, 33, 1220-1235.	5.4	25
2207	Estimation of hyper-parameters for a hierarchical model of combined cortical and extra-brain current sources in the MEG inverse problem. <i>NeuroImage</i> , 2014, 101, 320-336.	2.1	58
2208	Multi-trajectories automatic planner for StereoElectroEncephalography (SEEG). <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2014, 9, 1087-1097.	1.7	63
2209	Cortical thickness in youth with major depressive disorder. <i>BMC Psychiatry</i> , 2014, 14, 83.	1.1	80
2210	Hockey Concussion Education Project, Part 1. Susceptibility-weighted imaging study in male and female ice hockey players over a single season. <i>Journal of Neurosurgery</i> , 2014, 120, 864-872.	0.9	49
2211	MRI in Psychiatry. , 2014, , .		3

#	ARTICLE	IF	CITATIONS
2212	Right Insular Atrophy in Neurocardiogenic Syncope: A Volumetric MRI Study. <i>American Journal of Neuroradiology</i> , 2014, 35, 113-118.	1.2	18
2213	Heritable influences on amygdala and orbitofrontal cortex contribute to genetic variation in core dimensions of personality. <i>NeuroImage</i> , 2014, 103, 309-315.	2.1	59
2214	Intra-subject reliability of the high-resolution whole-brain structural connectome. <i>NeuroImage</i> , 2014, 102, 283-293.	2.1	38
2215	Brain morphometry of Dravet Syndrome. <i>Epilepsy Research</i> , 2014, 108, 1326-1334.	0.8	13
2216	Attraction of Position Preference by Spatial Attention throughout Human Visual Cortex. <i>Neuron</i> , 2014, 84, 227-237.	3.8	170
2217	Fine-grained stimulus representations in body selective areas of human occipito-temporal cortex. <i>NeuroImage</i> , 2014, 102, 484-497.	2.1	22
2218	Cortical thinning and caudate abnormalities in first episode psychosis and their association with clinical outcome. <i>Schizophrenia Research</i> , 2014, 159, 36-42.	1.1	30
2219	Sleep Slow-Wave Activity Reveals Developmental Changes in Experience-Dependent Plasticity. <i>Journal of Neuroscience</i> , 2014, 34, 12568-12575.	1.7	85
2220	Changes in brain morphology in albinism reflect reduced visual acuity. <i>Cortex</i> , 2014, 56, 64-72.	1.1	45
2221	Using sulcal and gyral measures of brain structure to investigate benefits of an active lifestyle. <i>NeuroImage</i> , 2014, 91, 353-359.	2.1	22
2222	Medial prefrontal and anterior cingulate cortical thickness predicts shared individual differences in self-generated thought and temporal discounting. <i>NeuroImage</i> , 2014, 90, 290-297.	2.1	65
2223	Structural neuroimaging correlates of allelic variation of the BDNF val66met polymorphism. <i>NeuroImage</i> , 2014, 90, 280-289.	2.1	36
2224	Improving the spatial resolution of magnetic resonance inverse imaging via the blipped-CAIPI acquisition scheme. <i>NeuroImage</i> , 2014, 91, 401-411.	2.1	5
2225	Cortical thinning and its relation to cognition in amyotrophic lateral sclerosis. <i>Neurobiology of Aging</i> , 2014, 35, 240-246.	1.5	72
2226	Neuroprotective pathways: lifestyle activity, brain pathology, and cognition in cognitively normal older adults. <i>Neurobiology of Aging</i> , 2014, 35, 1873-1882.	1.5	102
2227	Brain extraction based on locally linear representation-based classification. <i>NeuroImage</i> , 2014, 92, 322-339.	2.1	66
2228	Brain volume reductions in adolescent heavy drinkers. <i>Developmental Cognitive Neuroscience</i> , 2014, 9, 117-125.	1.9	122
2229	Loss of Venous Integrity in Cerebral Small Vessel Disease. <i>Stroke</i> , 2014, 45, 2124-2126.	1.0	43

#	ARTICLE	IF	CITATIONS
2230	Algorithm to find high density EEG scalp coordinates and analysis of their correspondence to structural and functional regions of the brain. <i>Journal of Neuroscience Methods</i> , 2014, 229, 84-96.	1.3	74
2231	Altered white matter connectivity and network organization in polymicrogyria revealed by individual gyral topology-based analysis. <i>NeuroImage</i> , 2014, 86, 182-193.	2.1	29
2232	Superior longitudinal fasciculus and language functioning in healthy aging. <i>Brain Research</i> , 2014, 1562, 11-22.	1.1	72
2233	Reversible, irreversible and effective transverse relaxation rates in normal aging brain at 3T. <i>NeuroImage</i> , 2014, 84, 1032-1041.	2.1	73
2234	Encoding of event timing in the phase of neural oscillations. <i>NeuroImage</i> , 2014, 92, 274-284.	2.1	117
2235	Neuromagnetic detection of the laryngeal area: Sensory-evoked fields to air-puff stimulation. <i>NeuroImage</i> , 2014, 88, 162-169.	2.1	23
2236	Automated segmentation and shape characterization of volumetric data. <i>NeuroImage</i> , 2014, 92, 156-168.	2.1	16
2237	Diffusion tensor imaging and MR morphometry of the central auditory pathway and auditory cortex in aging. <i>Neuroscience</i> , 2014, 260, 87-97.	1.1	89
2238	Increased cortical curvature reflects white matter atrophy in individual patients with early multiple sclerosis. <i>NeuroImage: Clinical</i> , 2014, 6, 475-487.	1.4	38
2239	Folding of the anterior cingulate cortex partially explains inhibitory control during childhood: A longitudinal study. <i>Developmental Cognitive Neuroscience</i> , 2014, 9, 126-135.	1.9	55
2240	Brain volumes and cognitive function in very-low-birth-weight (VLBW) young adults. <i>European Journal of Paediatric Neurology</i> , 2014, 18, 578-590.	0.7	67
2241	Reduced brain cortical folding in schizophrenia revealed in two independent samples. <i>Schizophrenia Research</i> , 2014, 152, 333-338.	1.1	65
2242	Congenital heart disease is associated with reduced cortical and hippocampal volume in patients with 22q11.2 deletion syndrome. <i>Cortex</i> , 2014, 57, 128-142.	1.1	16
2243	Sleep deficits in mild cognitive impairment are related to increased levels of plasma amyloid- $\beta^2$ and cortical thinning. <i>NeuroImage</i> , 2014, 98, 395-404.	2.1	50
2244	Cortical surface-based analysis reduces bias and variance in kinetic modeling of brain PET data. <i>NeuroImage</i> , 2014, 92, 225-236.	2.1	179
2245	Pattern of structural and functional brain abnormalities in asymptomatic granulin mutation carriers. <i>Alzheimer's and Dementia</i> , 2014, 10, S354-S363.e1.	0.4	48
2246	Morphometric hemispheric asymmetry of orbitofrontal cortex in women with borderline personality disorder: A multi-parameter approach. <i>Psychiatry Research - Neuroimaging</i> , 2014, 223, 61-66.	0.9	22
2247	Variability of magnetoencephalographic sensor sensitivity measures as a function of age, brain volume and cortical area. <i>Clinical Neurophysiology</i> , 2014, 125, 1973-1984.	0.7	10

#	ARTICLE	IF	CITATIONS
2248	Supramodal processing optimizes visual perceptual learning and plasticity. <i>NeuroImage</i> , 2014, 93, 32-46.	2.1	32
2249	A combined DTI and structural MRI study in medicated-naïve chronic schizophrenia. <i>Magnetic Resonance Imaging</i> , 2014, 32, 1-8.	1.0	45
2250	Methods and considerations for longitudinal structural brain imaging analysis across development. <i>Developmental Cognitive Neuroscience</i> , 2014, 9, 172-190.	1.9	216
2251	Abnormal Structural Networks Characterize Major Depressive Disorder: A Connectome Analysis. <i>Biological Psychiatry</i> , 2014, 76, 567-574.	0.7	293
2252	Relationship between prefrontal gray matter volumes and working memory performance in schizophrenia: A family study. <i>Schizophrenia Research</i> , 2014, 153, 113-121.	1.1	25
2253	Impaired cognitive control mediates the relationship between cortical thickness of the superior frontal gyrus and role functioning in schizophrenia. <i>Schizophrenia Research</i> , 2014, 152, 358-364.	1.1	48
2254	Substance abuse risk in emerging adults associated with smaller frontal gray matter volumes and higher externalizing behaviors. <i>Drug and Alcohol Dependence</i> , 2014, 137, 68-75.	1.6	32
2255	Regional brain volumes and cognition in childhood epilepsy: Does size really matter?. <i>Epilepsy Research</i> , 2014, 108, 692-700.	0.8	8
2256	Size of cortical generators of epileptic interictal events and visibility on scalp EEG. <i>NeuroImage</i> , 2014, 94, 47-54.	2.1	77
2257	Longitudinal assessment of default-mode brain function in aging. <i>Neurobiology of Aging</i> , 2014, 35, 2107-2117.	1.5	94
2258	Functional size of human visual area V1: A neural correlate of top-down attention. <i>NeuroImage</i> , 2014, 93, 47-52.	2.1	30
2259	Cognitive decline is mediated by gray matter changes during middle age. <i>Neurobiology of Aging</i> , 2014, 35, 1086-1094.	1.5	48
2260	Quantitative comparison of cortical surface reconstructions from MP2RAGE and multi-echo MPRAGE data at 3 and 7T. <i>NeuroImage</i> , 2014, 90, 60-73.	2.1	85
2261	Integration of multimodal MRI data via PCA to explain language performance. <i>NeuroImage: Clinical</i> , 2014, 5, 197-207.	1.4	16
2262	Patterns of resting state connectivity in human primary visual cortical areas: A 7T fMRI study. <i>NeuroImage</i> , 2014, 84, 911-921.	2.1	55
2263	Atlas-based head modeling and spatial normalization for high-density diffuse optical tomography: In vivo validation against fMRI. <i>NeuroImage</i> , 2014, 85, 117-126.	2.1	105
2264	Using high-resolution quantitative mapping of R1 as an index of cortical myelination. <i>NeuroImage</i> , 2014, 93, 176-188.	2.1	299
2265	Regional structural differences across functionally parcellated Brodmann areas of human primary somatosensory cortex. <i>NeuroImage</i> , 2014, 93, 221-230.	2.1	55

#	ARTICLE	IF	CITATIONS
2266	Surface flattening of the human left atrium and proof-of-concept clinical applications. Computerized Medical Imaging and Graphics, 2014, 38, 251-266.	3.5	26
2267	Location specific sleep spindle activity in the early visual areas and perceptual learning. Vision Research, 2014, 99, 162-171.	0.7	55
2268	Disrupted modular organization of resting-state cortical functional connectivity in U.S. military personnel following concussive "mild" blast-related traumatic brain injury. NeuroImage, 2014, 84, 76-96.	2.1	120
2269	Neocortical dynamics due to axon propagation delays in cortico-cortical fibers: EEG traveling and standing waves with implications for top-down influences on local networks and white matter disease. Brain Research, 2014, 1542, 138-166.	1.1	47
2270	Localizing the human primary auditory cortex in vivo using structural MRI. NeuroImage, 2014, 93, 237-251.	2.1	33
2271	Initial cognitive decline is associated with cortical thinning in early Parkinson disease. Neurology, 2014, 82, 2017-2025.	1.5	158
2272	Fatigue in Ankylosing Spondylitis Is Associated With the Brain Networks of Sensory Salience and Attention. Arthritis and Rheumatology, 2014, 66, 295-303.	2.9	28
2273	Cortical thickness correlates of psychotic experiences: Examining the effect of season of birth using a genetically informative design. Journal of Psychiatric Research, 2014, 56, 144-149.	1.5	7
2274	Effects of prenatal alcohol exposure on the development of white matter volume and change in executive function. NeuroImage: Clinical, 2014, 5, 19-27.	1.4	48
2275	Blood markers of fatty acids and vitamin D, cardiovascular measures, body mass index, and physical activity relate to longitudinal cortical thinning in normal aging. Neurobiology of Aging, 2014, 35, 1055-1064.	1.5	97
2276	Large-scale evaluation of ANTs and FreeSurfer cortical thickness measurements. NeuroImage, 2014, 99, 166-179.	2.1	560
2277	Phase based venous suppression in resting-state BOLD GE-fMRI. NeuroImage, 2014, 100, 51-59.	2.1	25
2278	Microstructural differences in the thalamus and thalamic radiations in the congenitally deaf. NeuroImage, 2014, 100, 347-357.	2.1	26
2279	Neuroanatomical abnormalities in chronic tinnitus in the human brain. Neuroscience and Biobehavioral Reviews, 2014, 45, 119-133.	2.9	98
2280	Volumetrics relate to the development of depression after traumatic brain injury. Behavioural Brain Research, 2014, 271, 147-153.	1.2	17
2281	Comparison of three-shell and simplified volume conductor models in magnetoencephalography. NeuroImage, 2014, 94, 337-348.	2.1	93
2282	The impact of hypertension on cerebral perfusion and cortical thickness in older adults. Journal of the American Society of Hypertension, 2014, 8, 561-570.	2.3	67
2283	Motor features in posterior cortical atrophy and their imaging correlates. Neurobiology of Aging, 2014, 35, 2845-2857.	1.5	29

#	ARTICLE	IF	CITATIONS
2284	Broadband changes in the cortical surface potential track activation of functionally diverse neuronal populations. <i>NeuroImage</i> , 2014, 85, 711-720.	2.1	225
2285	Widespread Reductions in Cortical Thickness Following Severe Early-Life Deprivation: A Neurodevelopmental Pathway to Attention-Deficit/Hyperactivity Disorder. <i>Biological Psychiatry</i> , 2014, 76, 629-638.	0.7	241
2286	Amygdala volume linked to individual differences in mental state inference in early childhood and adulthood. <i>Developmental Cognitive Neuroscience</i> , 2014, 8, 153-163.	1.9	34
2287	Abnormal cortical thickness in heroin-dependent individuals. <i>NeuroImage</i> , 2014, 88, 295-307.	2.1	52
2288	Robust, accurate and fast automatic segmentation of the spinal cord. <i>NeuroImage</i> , 2014, 98, 528-536.	2.1	134
2289	Validity of modulation and optimal settings for advanced voxel-based morphometry. <i>NeuroImage</i> , 2014, 86, 81-90.	2.1	96
2290	Cortical surface alignment in multi-subject spatiotemporal independent EEG source imaging. <i>NeuroImage</i> , 2014, 87, 297-310.	2.1	22
2291	Interest of targeting either cortical area Brodmann 9 or 46 in rTMS treatment for depression: A preliminary randomized study. <i>Clinical Neurophysiology</i> , 2014, 125, 2384-2389.	0.7	13
2292	On the planum temporale lateralization in suprasegmental speech perception: Evidence from a study investigating behavior, structure, and function. <i>Human Brain Mapping</i> , 2014, 35, 1779-1789.	1.9	20
2293	What can we learn from T2* maps of the cortex?. <i>NeuroImage</i> , 2014, 93, 189-200.	2.1	66
2294	Hierarchical organization of speech perception in human auditory cortex. <i>Frontiers in Neuroscience</i> , 2014, 8, 406.	1.4	28
2295	Effects of Cognitive Training on Gray Matter Volumes in Memory Clinic Patients with Subjective Memory Impairment. <i>Journal of Alzheimer's Disease</i> , 2014, 41, 779-791.	1.2	78
2296	Brain Changes in Alzheimer's Disease Patients with Implanted Encapsulated Cells Releasing Nerve Growth Factor. <i>Journal of Alzheimer's Disease</i> , 2014, 43, 1059-1072.	1.2	71
2297	A computational study of whole-brain connectivity in resting state and task fMRI. <i>Medical Science Monitor</i> , 2014, 20, 1024-1042.	0.5	19
2298	Clinical Application of Spatiotemporal Distributed Source Analysis in Presurgical Evaluation of Epilepsy. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 62.	1.0	28
2299	Cardiorespiratory fitness mediates the effects of aging on cerebral blood flow. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 59.	1.7	73
2300	Classification of Non-Demented Patients Attending a Memory Clinic using the New Diagnostic Criteria for Alzheimer's Disease with Disease-Related Biomarkers. <i>Journal of Alzheimer's Disease</i> , 2014, 43, 835-847.	1.2	29
2301	Electroencephalographic Upper/Low Alpha Frequency Power Ratio Relates to Cortex Thinning in Mild Cognitive Impairment. <i>Neurodegenerative Diseases</i> , 2014, 14, 18-30.	0.8	17

#	ARTICLE	IF	CITATIONS
2302	A high-resolution 7-Tesla fMRI dataset from complex natural stimulation with an audio movie. <i>Scientific Data</i> , 2014, 1, 140003.	2.4	139
2303	Cortical Thickness and Neurocognition in Adolescent Marijuana and Alcohol Users Following 28 Days of Monitored Abstinence. <i>Journal of Studies on Alcohol and Drugs</i> , 2014, 75, 729-743.	0.6	70
2304	Calibrating Longitudinal Cognition in Alzheimer's Disease Across Diverse Test Batteries and Datasets. <i>Neuroepidemiology</i> , 2014, 43, 194-205.	1.1	43
2305	Using Informational Connectivity to Measure the Synchronous Emergence of fMRI Multi-voxel Information Across Time. <i>Journal of Visualized Experiments</i> , 2014, , .	0.2	8
2306	Retrograde memory for public events in mild cognitive impairment and its relationship to anterograde memory and neuroanatomy.. <i>Neuropsychology</i> , 2014, 28, 959-972.	1.0	11
2307	Salient measures of inhibition and switching are associated with frontal lobe gray matter volume in healthy middle-aged and older adults.. <i>Neuropsychology</i> , 2014, 28, 859-869.	1.0	20
2308	Reliability of brain volume measurements: A test-retest dataset. <i>Scientific Data</i> , 2014, 1, 140037.	2.4	106
2309	A comparison of five free software solutions for generating realistic human head models from magnetic resonance imaging. , 2014, , .		0
2310	Preclinical Cerebrospinal Fluid and Volumetric Magnetic Resonance Imaging Biomarkers in Swedish Familial Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2014, 43, 1393-1402.	1.2	26
2311	Basal Ganglia Volumes: MR-Derived Reference Ranges and Lateralization Indices for Children and Young Adults. <i>Neuroradiology Journal</i> , 2014, 27, 595-612.	0.6	25
2312	Altered Brain Structure and Function Correlate with Disease Severity and Pain Catastrophizing in Migraine Patients. <i>ENeuro</i> , 2014, 1, ENEURO.0006-14.2014.	0.9	138
2313	O1-12-02: AMYLOID BURDEN, CORTICAL THICKNESS, AND COGNITIVE FUNCTION IN THE WISCONSIN REGISTRY FOR ALZHEIMER'S PREVENTION. , 2014, 10, P153-P153.		1
2314	Reorganization of Visual Processing in Age-Related Macular Degeneration Depends on Foveal Loss. <i>Optometry and Vision Science</i> , 2014, 91, e199-e206.	0.6	47
2315	Planum temporale asymmetry in developmental dyslexia: Revisiting an old question. <i>Human Brain Mapping</i> , 2014, 35, 5717-5735.	1.9	119
2316	The contribution of cortical thickness and surface area to gray matter asymmetries in the healthy human brain. <i>Human Brain Mapping</i> , 2014, 35, 6011-6022.	1.9	48
2317	Impact of monoamine-related gene polymorphisms on hippocampal volume in treatment-resistant depression. <i>Acta Neuropsychiatrica</i> , 2015, 27, 353-361.	1.0	20
2318	Abnormalities of cortical structures in adolescent-onset conduct disorder. <i>Psychological Medicine</i> , 2015, 45, 3467-3479.	2.7	48
2319	Human V4 and ventral occipital retinotopic maps. <i>Visual Neuroscience</i> , 2015, 32, E020.	0.5	64



#	ARTICLE	IF	CITATIONS
2320	Physical Activity Affects Brain Integrity in HIV+ Individuals. Journal of the International Neuropsychological Society, 2015, 21, 880-889.	1.2	25
2321	Associations between Verbal Learning Slope and Neuroimaging Markers across the Cognitive Aging Spectrum. Journal of the International Neuropsychological Society, 2015, 21, 455-467.	1.2	31
2322	Prefrontal and Hippocampal Brain Volume Deficits: Role of Low Physical Activity on Brain Plasticity in First-Episode Schizophrenia Patients. Journal of the International Neuropsychological Society, 2015, 21, 868-879.	1.2	27
2323	ISDN2014_0117: Brain morphometry of Dravet Syndrome. International Journal of Developmental Neuroscience, 2015, 47, 33-33.	0.7	1
2324	Abnormal cortical thickness connectivity persists in childhood absence epilepsy. Annals of Clinical and Translational Neurology, 2015, 2, 456-464.	1.7	16
2325	Volumetric MRI data correlate to disease severity in metachromatic leukodystrophy. Annals of Clinical and Translational Neurology, 2015, 2, 932-940.	1.7	25
2326	Cortical surface area and thickness in adult survivors of pediatric acute lymphoblastic leukemia. Pediatric Blood and Cancer, 2015, 62, 1027-1034.	0.8	47
2327	Multi-centre reproducibility of diffusion MRI parameters for clinical sequences in the brain. NMR in Biomedicine, 2015, 28, 468-485.	1.6	178
2328	Accurate Classification of Chronic Migraine via Brain Magnetic Resonance Imaging. Headache, 2015, 55, 762-777.	1.8	101
2330	A geometric network model of intrinsic grey-matter connectivity of the human brain. Scientific Reports, 2015, 5, 15397.	1.6	12
2331	Prospective and episodic memory in relation to hippocampal volume in adults with spina bifida myelomeningocele.. Neuropsychology, 2015, 29, 92-101.	1.0	22
2332	Relations between volumetric measures of brain structure and attentional function in spina bifida: Utilization of robust statistical approaches.. Neuropsychology, 2015, 29, 212-225.	1.0	7
2333	Neural markers of familial risk for depression: An investigation of cortical thickness abnormalities in healthy adolescent daughters of mothers with recurrent depression.. Journal of Abnormal Psychology, 2015, 124, 476-485.	2.0	39
2334	Peripheral sounds rapidly activate visual cortex: evidence from electrocorticography. Journal of Neurophysiology, 2015, 114, 3023-3028.	0.9	31
2335	White Matter Changes are Associated with Ventricular Expansion in Aging, Mild Cognitive Impairment, and Alzheimer's Disease. Journal of Alzheimer's Disease, 2015, 49, 329-342.	1.2	30
2336	Clinical Dementia Rating Scale Detects White Matter Changes in Older Adults at Risk for Alzheimer's Disease. Journal of Alzheimer's Disease, 2015, 50, 411-423.	1.2	8
2337	Fully Automated Atlas-Based Hippocampus Volumetry for Clinical Routine: Validation in Subjects with Mild Cognitive Impairment from the ADNI Cohort. Journal of Alzheimer's Disease, 2015, 46, 199-209.	1.2	25
2338	Cortical Folding Pattern and its Consistency Induced by Biological Growth. Scientific Reports, 2015, 5, 14477.	1.6	41

#	ARTICLE	IF	CITATIONS
2339	Subjective Memory Complaint Only Relates to Verbal Episodic Memory Performance in Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2015, 44, 309-318.	1.2	25
2340	Reconstruction of micron resolution mouse brain surface from large-scale imaging dataset using resampling-based variational model. <i>Scientific Reports</i> , 2015, 5, 12782.	1.6	3
2341	Subject-specific optimization of channel currents for multichannel transcranial magnetic stimulation. , 2015, 2015, 2083-6.		6
2342	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
2343	A practical guideline for intracranial volume estimation in patients with Alzheimer's disease. <i>BMC Bioinformatics</i> , 2015, 16, S8.	1.2	30
2344	Community Socioeconomic Disadvantage in Midlife Relates to Cortical Morphology via Neuroendocrine and Cardiometabolic Pathways. <i>Cerebral Cortex</i> , 2017, 27, bhv233.	1.6	52
2345	Default mode network links to visual hallucinations: A comparison between Parkinson's disease and multiple system atrophy. <i>Movement Disorders</i> , 2015, 30, 1237-1247.	2.2	70
2346	A magnetic resonance imaging family study of cortical thickness in schizophrenia. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2015, 168, 660-668.	1.1	9
2347	Reduced cortical thickness in patients with acute-on-chronic liver failure due to non-alcoholic etiology. <i>Journal of Translational Medicine</i> , 2015, 13, 322.	1.8	2
2348	Diffusion imaging changes in grey matter in Alzheimer's disease: a potential marker of early neurodegeneration. <i>Alzheimer's Research and Therapy</i> , 2015, 7, 47.	3.0	132
2349	Insistence on sameness relates to increased covariance of gray matter structure in autism spectrum disorder. <i>Molecular Autism</i> , 2015, 6, 54.	2.6	31
2350	ZNF804A rs1344706 is associated with cortical thickness, surface area, and cortical volume of the unmedicated first episode schizophrenia and healthy controls. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2015, 168, 265-273.	1.1	24
2351	The neuronal component of gray matter damage in multiple sclerosis: A [ <sup>11</sup> C]flumazenil positron emission tomography study. <i>Annals of Neurology</i> , 2015, 78, 554-567.	2.8	33
2352	Relationship Between Surface-Based Brain Morphometric Measures and Intelligence in Autism Spectrum Disorders: Influence of History of Language Delay. <i>Autism Research</i> , 2015, 8, 556-566.	2.1	17
2353	Periventricular lesions correlate with cortical thinning in multiple sclerosis. <i>Annals of Neurology</i> , 2015, 78, 530-539.	2.8	29
2354	RELATIONSHIP BETWEEN THE CORTICAL THICKNESS AND SERUM CORTISOL LEVELS IN DRUG-NAÏVE, FIRST-EPISODE PATIENTS WITH MAJOR DEPRESSIVE DISORDER: A SURFACE-BASED MORPHOMETRIC STUDY. <i>Depression and Anxiety</i> , 2015, 32, 702-708.	2.0	33
2355	Effect of in-painting on cortical thickness measurements in multiple sclerosis: A large cohort study. <i>Human Brain Mapping</i> , 2015, 36, 3749-3760.	1.9	15
2356	<i>RAB2A</i> Polymorphism impacts prefrontal morphology, functional connectivity, and working memory. <i>Human Brain Mapping</i> , 2015, 36, 4372-4382.	1.9	9

#	ARTICLE	IF	CITATIONS
2357	Developmental evaluation of atypical auditory sampling in dyslexia: Functional and structural evidence. <i>Human Brain Mapping</i> , 2015, 36, 4986-5002.	1.9	77
2358	Structural Brain Changes in Early-Onset Alzheimer's Disease Subjects Using the LONI Pipeline Environment. <i>Journal of Neuroimaging</i> , 2015, 25, 728-737.	1.0	13
2359	The imagined itch: brain circuitry supporting nocebo-induced itch in atopic dermatitis patients. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2015, 70, 1485-1492.	2.7	56
2360	Segmentation of the thalamus based on BOLD frequencies affected in temporal lobe epilepsy. <i>Epilepsia</i> , 2015, 56, 1819-1827.	2.6	24
2361	Influences of a DRD2 polymorphism on updating of long-term memory representations and caudate BOLD activity: Magnification in aging. <i>Human Brain Mapping</i> , 2015, 36, 1325-1334.	1.9	25
2362	Beat and metaphoric gestures are differentially associated with regional cerebellar and cortical volumes. <i>Human Brain Mapping</i> , 2015, 36, 4016-4030.	1.9	25
2363	Structural and neurochemical correlates of individual differences in gamma frequency oscillations in human visual cortex. <i>Journal of Anatomy</i> , 2015, 227, 409-417.	0.9	16
2364	Individual peak gamma frequency predicts switch rate in perceptual rivalry. <i>Human Brain Mapping</i> , 2015, 36, 566-576.	1.9	19
2365	Oral contraceptive pill use is associated with localized decreases in cortical thickness. <i>Human Brain Mapping</i> , 2015, 36, 2644-2654.	1.9	65
2366	Longitudinal reproducibility of automatically segmented hippocampal subfields: A multisite European 3T study on healthy elderly. <i>Human Brain Mapping</i> , 2015, 36, 3516-3527.	1.9	34
2367	Subject-Specific Multiscale Modeling to Investigate Effects of Transcranial Magnetic Stimulation. <i>Neuromodulation</i> , 2015, 18, 694-704.	0.4	37
2368	Test-retest reliability of freesurfer measurements within and between sites: Effects of visual approval process. <i>Human Brain Mapping</i> , 2015, 36, 3472-3485.	1.9	136
2369	Multivariate morphological brain signatures predict patients with chronic abdominal pain from healthy control subjects. <i>Pain</i> , 2015, 156, 1545-1554.	2.0	57
2370	Scene coherence can affect the local response to natural images in human V1. <i>European Journal of Neuroscience</i> , 2015, 42, 2895-2903.	1.2	7
2371	Investigation of the cingulate cortex in idiopathic generalized epilepsy. <i>Epilepsia</i> , 2015, 56, 1803-1811.	2.6	20
2372	The Effects of Anatomic Variations on Stereotactic Laser Amygdalohippocampectomy and a Proposed Protocol for Trajectory Planning. <i>Operative Neurosurgery</i> , 2015, 11, 345-357.	0.4	26
2373	Altered Brain Structure-Function Relationships Underlie Executive Dysfunction in 22q11.2 Deletion Syndrome. <i>Molecular Neuropsychiatry</i> , 2015, 1, 235-246.	3.0	5
2374	Feasibility of Structural and Functional MRI Acquisition with Unpowered Implants in Argus II Retinal Prosthesis Patients: A Case Study. <i>Translational Vision Science and Technology</i> , 2015, 4, 6.	1.1	19

#	ARTICLE	IF	CITATIONS
2375	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
2376	Amyloid Burden in Cognitively Normal Elderly is Associated with Preferential Hippocampal Subfield Volume Loss. <i>Journal of Alzheimer's Disease</i> , 2015, 45, 27-33.	1.2	44
2377	Medical Image Processing for Fully Integrated Subject Specific Whole Brain Mesh Generation. <i>Technologies</i> , 2015, 3, 126-141.	3.0	16
2378	Early and Degressive Putamen Atrophy in Multiple Sclerosis. <i>International Journal of Molecular Sciences</i> , 2015, 16, 23195-23209.	1.8	26
2379	Theta and alpha EEG frequency interplay in subjects with mild cognitive impairment: evidence from EEG, MRI, and SPECT brain modifications. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 31.	1.7	46
2380	Age-specific MRI brain and head templates for healthy adults from 20 through 89 years of age. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 44.	1.7	94
2381	A stereotaxic, population-averaged T1w ovine brain atlas including cerebral morphology and tissue volumes. <i>Frontiers in Neuroanatomy</i> , 2015, 9, 69.	0.9	59
2382	Cortical signature of patients with HBV-related cirrhosis without overt hepatic encephalopathy: a morphometric analysis. <i>Frontiers in Neuroanatomy</i> , 2015, 9, 82.	0.9	10
2383	Asymmetric projections of the arcuate fasciculus to the temporal cortex underlie lateralized language function in the human brain. <i>Frontiers in Neuroanatomy</i> , 2015, 9, 119.	0.9	31
2384	Cortical hot spots and labyrinths: why cortical neuromodulation for episodic migraine with aura should be personalized. <i>Frontiers in Computational Neuroscience</i> , 2015, 9, 29.	1.2	16
2385	Fourier power, subjective distance, and object categories all provide plausible models of BOLD responses in scene-selective visual areas. <i>Frontiers in Computational Neuroscience</i> , 2015, 9, 135.	1.2	85
2386	A Review of Transcranial Magnetic Stimulation and Multimodal Neuroimaging to Characterize Post-Stroke Neuroplasticity. <i>Frontiers in Neurology</i> , 2015, 6, 226.	1.1	95
2387	A FreeSurfer-compliant consistent manual segmentation of infant brains spanning the 0-2 year age range. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 21.	1.0	60
2388	Hierarchical and homotopic correlations of spontaneous neural activity within the visual cortex of the sighted and blind. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 25.	1.0	20
2389	Comparing different stimulus configurations for population receptive field mapping in human fMRI. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 96.	1.0	58
2390	Human visual cortical responses to specular and matte motion flows. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 579.	1.0	5
2391	Categorical discrimination of human body parts by magnetoencephalography. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 609.	1.0	10
2392	Ontology-based approach for in vivo human connectomics: the medial Brodmann area 6 case study. <i>Frontiers in Neuroinformatics</i> , 2015, 9, 9.	1.3	3

#	ARTICLE	IF	CITATIONS
2393	Pycortex: an interactive surface visualizer for fMRI. <i>Frontiers in Neuroinformatics</i> , 2015, 9, 23.	1.3	130
2394	Functional MRI of the vocalization-processing network in the macaque brain. <i>Frontiers in Neuroscience</i> , 2015, 9, 113.	1.4	49
2395	A comparison of FreeSurfer-generated data with and without manual intervention. <i>Frontiers in Neuroscience</i> , 2015, 9, 379.	1.4	117
2396	Spatial selectivity in the temporoparietal junction, inferior frontal sulcus, and inferior parietal lobule. <i>Journal of Vision</i> , 2015, 15, 15.	0.1	8
2397	Cognitive Dysfunction in Drug-induced Parkinsonism Caused by Prokinetics and Antiemetics. <i>Journal of Korean Medical Science</i> , 2015, 30, 1328.	1.1	15
2398	Probabilistic Clustering of the Human Connectome Identifies Communities and Hubs. <i>PLoS ONE</i> , 2015, 10, e0117179.	1.1	25
2399	Monitoring the Early Signs of Cognitive Decline in Elderly by Computer Games: An MRI Study. <i>PLoS ONE</i> , 2015, 10, e0117918.	1.1	35
2400	Evaluating the Accuracy of Diffusion MRI Models in White Matter. <i>PLoS ONE</i> , 2015, 10, e0123272.	1.1	67
2401	Fully Automated Whole-Head Segmentation with Improved Smoothness and Continuity, with Theory Reviewed. <i>PLoS ONE</i> , 2015, 10, e0125477.	1.1	36
2402	Distinct Effects of Memory Retrieval and Articulatory Preparation when Learning and Accessing New Word Forms. <i>PLoS ONE</i> , 2015, 10, e0126652.	1.1	9
2403	Cortical Thickness in Dementia with Lewy Bodies and Alzheimer's Disease: A Comparison of Prodromal and Dementia Stages. <i>PLoS ONE</i> , 2015, 10, e0127396.	1.1	86
2404	Face Patch Resting State Networks Link Face Processing to Social Cognition. <i>PLoS Biology</i> , 2015, 13, e1002245.	2.6	45
2405	Loss of Resting-State Posterior Cingulate Flexibility Is Associated with Memory Disturbance in Left Temporal Lobe Epilepsy. <i>PLoS ONE</i> , 2015, 10, e0131209.	1.1	24
2406	The Role of Aerobic Fitness in Cortical Thickness and Mathematics Achievement in Preadolescent Children. <i>PLoS ONE</i> , 2015, 10, e0134115.	1.1	83
2407	Reproducibility of the Structural Brain Connectome Derived from Diffusion Tensor Imaging. <i>PLoS ONE</i> , 2015, 10, e0135247.	1.1	89
2408	Characterizing Behavioral and Brain Changes Associated with Practicing Reasoning Skills. <i>PLoS ONE</i> , 2015, 10, e0137627.	1.1	12
2409	Semantic Wavelet-Induced Frequency-Tagging (SWIFT) Periodically Activates Category Selective Areas While Steadily Activating Early Visual Areas. <i>PLoS ONE</i> , 2015, 10, e0144858.	1.1	12
2410	Individual Variability and Test-Retest Reliability Revealed by Ten Repeated Resting-State Brain Scans over One Month. <i>PLoS ONE</i> , 2015, 10, e0144963.	1.1	117

#	ARTICLE	IF	CITATIONS
2411	Multimodal MRI-Based Study in Patients with SPG4 Mutations. <i>PLoS ONE</i> , 2015, 10, e0117666.	1.1	43
2412	Quantity yields quality when it comes to creativity: a brain and behavioral test of the equal-odds rule. <i>Frontiers in Psychology</i> , 2015, 6, 864.	1.1	40
2413	Structural MRI Differences between Patients with and without First Rank Symptoms: A Delusion?. <i>Frontiers in Psychiatry</i> , 2015, 6, 107.	1.3	0
2414	Grey matter connectivity within and between auditory, language and visual systems inÂprelingually deaf adolescents. <i>Restorative Neurology and Neuroscience</i> , 2015, 33, 279-290.	0.4	16
2415	Regional Cingulum Disruption, Not Gray Matter Atrophy, Detects Cognitive Changes in Amnesic Mild Cognitive Impairment Subtypes. <i>Journal of Alzheimer's Disease</i> , 2015, 44, 125-138.	1.2	27
2416	Temporal Lobe Cortical Thickness Correlations Differentiate the Migraine Brain from the Healthy Brain. <i>PLoS ONE</i> , 2015, 10, e0116687.	1.1	43
2417	Examination of Local Functional Homogeneity in Autism. <i>BioMed Research International</i> , 2015, 2015, 1-10.	0.9	32
2418	MRBrainS Challenge: Online Evaluation Framework for Brain Image Segmentation in 3T MRI Scans. <i>Computational Intelligence and Neuroscience</i> , 2015, 2015, 1-16.	1.1	179
2419	Hand use predicts the structure of representations in sensorimotor cortex. <i>Nature Neuroscience</i> , 2015, 18, 1034-1040.	7.1	219
2420	Prefrontal Thinning Affects Functional Connectivity and Regional Homogeneity of the Anterior Cingulate Cortex in Depression. <i>Neuropsychopharmacology</i> , 2015, 40, 1640-1648.	2.8	47
2421	Cortical thickness and prosocial behavior in school-age children: A population-based MRI study. <i>Social Neuroscience</i> , 2015, 10, 571-582.	0.7	12
2422	Longitudinal Cortical Development During Adolescence and Young Adulthood in Autism Spectrum Disorder: Increased Cortical Thinning but Comparable Surface Area Changes. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2015, 54, 464-469.	0.3	68
2423	Tunes stuck in your brain: The frequency and affective evaluation of involuntary musical imagery correlate with cortical structure. <i>Consciousness and Cognition</i> , 2015, 35, 66-77.	0.8	48
2424	A kernel machine method for detecting effects of interaction between multidimensional variable sets: An imaging genetics application. <i>NeuroImage</i> , 2015, 109, 505-514.	2.1	23
2425	Anterior cingulate cortex mediates the relationship between O3PUFAs and executive functions in APOE e4 carriers. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 87.	1.7	28
2426	Recency, Repetition, and the Multidimensional Basis of Recognition Memory. <i>Journal of Neuroscience</i> , 2015, 35, 3544-3554.	1.7	5
2427	Projecting Navigated TMS Sites on the Gyral Anatomy Decreases Inter-subject Variability of Cortical Motor Maps. <i>Brain Stimulation</i> , 2015, 8, 831-837.	0.7	37
2428	Development and validation of a brain maturation index using longitudinal neuroanatomical scans. <i>NeuroImage</i> , 2015, 117, 311-318.	2.1	34

#	ARTICLE	IF	CITATIONS
2429	Smaller hippocampal volume as a vulnerability factor for the persistence of post-traumatic stress disorder. <i>Psychological Medicine</i> , 2015, 45, 2737-2746.	2.7	97
2430	Local brain gyrification as a marker of neurological soft signs in schizophrenia. <i>Behavioural Brain Research</i> , 2015, 292, 19-25.	1.2	40
2431	Subjective memory complaints, cortical thinning, and cognitive dysfunction in middle-age adults at risk of AD. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2015, 1, 33-40.	1.2	90
2432	Reduced frontal cortical thickness and increased caudate volume within fronto-striatal circuits in young adult smokers. <i>Drug and Alcohol Dependence</i> , 2015, 151, 211-219.	1.6	92
2433	Gray matter atrophy in narcolepsy: An activation likelihood estimation meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 59, 53-63.	2.9	27
2434	Cerebral Angiography for Multimodal Surgical Planning in Epilepsy Surgery: Description of a New Three-Dimensional Technique and Literature Review. <i>World Neurosurgery</i> , 2015, 84, 358-367.	0.7	66
2435	The Corticospinal Tract in Huntington's Disease. <i>Cerebral Cortex</i> , 2015, 25, 2670-2682.	1.6	33
2436	Long-Chain Polyunsaturated Fatty Acids and Cognition in VLBW Infants at 8 years: an RCT. <i>Pediatrics</i> , 2015, 135, 972-980.	1.0	49
2437	Basal Hippocampal Activity and Its Functional Connectivity Predicts Cocaine Relapse. <i>Biological Psychiatry</i> , 2015, 78, 496-504.	0.7	57
2438	Morphological covariance in anatomical MRI scans can identify discrete neural pathways in the brain and their disturbances in persons with neuropsychiatric disorders. <i>NeuroImage</i> , 2015, 111, 215-227.	2.1	3
2439	Functional connectivity of the dorsal and median raphe nuclei at rest. <i>NeuroImage</i> , 2015, 116, 187-195.	2.1	85
2440	Tract-based analysis of white matter degeneration in Alzheimer's disease. <i>Neuroscience</i> , 2015, 301, 79-89.	1.1	70
2441	Brain structure characteristics in intellectually superior schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2015, 232, 123-129.	0.9	9
2442	Clustering High-Dimensional Landmark-Based Two-Dimensional Shape Data. <i>Journal of the American Statistical Association</i> , 2015, 110, 946-961.	1.8	15
2443	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
2444	Corticospinal tract integrity is related to primary motor cortex thinning in relapsing/remitting multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2015, 21, 1771-1780.	1.4	34
2445	Pseudo-Fovea Formation After Gene Therapy for RPE65-LCA. <i>Investigative Ophthalmology and Visual Science</i> , 2015, 56, 526-537.	3.3	39
2446	Cortical Thickness in Individuals at High Familial Risk of Mood Disorders as They Develop Major Depressive Disorder. <i>Biological Psychiatry</i> , 2015, 78, 58-66.	0.7	92

#	ARTICLE	IF	CITATIONS
2447	Structural Plasticity of Remote Cortical Brain Regions is Determined by Connectivity to the Primary Lesion in Subcortical Stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 1507-1514.	2.4	46
2448	Prodromal Symptom Severity Predicts Accelerated Gray Matter Reduction and Third Ventricle Expansion among Clinically High-Risk Youth Developing Psychotic Disorders. <i>Molecular Neuropsychiatry</i> , 2015, 1, 13-22.	3.0	27
2449	Widespread white matter but focal gray matter alterations in depressed individuals with thoughts of death. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2015, 62, 22-28.	2.5	60
2450	Mapping cortical responses to speech using high-density diffuse optical tomography. <i>NeuroImage</i> , 2015, 117, 319-326.	2.1	32
2451	Pattern reactivation co-varies with activity in the core recollection network during source memory. <i>Neuropsychologia</i> , 2015, 75, 88-98.	0.7	24
2452	Thalamo-Cortical Disruption Contributes to Short-Term Memory Deficits in Patients with Medial Temporal Lobe Damage. <i>Cerebral Cortex</i> , 2015, 25, 4584-4595.	1.6	25
2453	Neuroanatomical Correlates of the Income-Achievement Gap. <i>Psychological Science</i> , 2015, 26, 925-933.	1.8	147
2454	Patterns of cortical thinning in different subgroups of schizophrenia. <i>British Journal of Psychiatry</i> , 2015, 206, 479-483.	1.7	43
2455	LOGISMOS-B for primates: primate cortical surface reconstruction and thickness measurement. , 2015, 9413, .		4
2456	Speeding up the file access of large compressed NIfTI neuroimaging data. , 2015, 2015, 654-7.		5
2457	Mapping abnormal subcortical brain morphometry in an elderly HIV&#x0026; cohort. , 2015, 2015, 971-975.		5
2458	CORTICAL THINNING AND COGNITIVE IMPAIRMENT IN PARKINSON&#x2019;S DISEASE WITHOUT DEMENTIA. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2015, 15, 1-1.	1.9	31
2459	Dynamic reconfiguration of the language network preceding onset of speech in picture naming. <i>Human Brain Mapping</i> , 2015, 36, 1202-1216.	1.9	43
2460	Spontaneously Emerging Patterns in Human Visual Cortex Reflect Responses to Naturalistic Sensory Stimuli. <i>Cerebral Cortex</i> , 2017, 27, bhv275.	1.6	43
2461	Does the mismatch negativity operate on a consciously accessible memory trace?. <i>Science Advances</i> , 2015, 1, e1500677.	4.7	30
2462	Surface Area of Early Visual Cortex Predicts Individual Speed of Traveling Waves During Binocular Rivalry. <i>Cerebral Cortex</i> , 2015, 25, 1499-1508.	1.6	31
2463	The Role of Fronto-Parietal and Fronto-Striatal Networks in the Development of Working Memory: A Longitudinal Study. <i>Cerebral Cortex</i> , 2015, 25, 1587-1595.	1.6	173
2464	Long-term neural and physiological phenotyping of a single human. <i>Nature Communications</i> , 2015, 6, 8885.	5.8	353



#	ARTICLE	IF	CITATIONS
2465	Very Early Brain Damage Leads to Remodeling of the Working Memory System in Adulthood: A Combined fMRI/Tractography Study. <i>Journal of Neuroscience</i> , 2015, 35, 15787-15799.	1.7	34
2466	Cortical folding and the potential for prognostic neuroimaging in schizophrenia. <i>British Journal of Psychiatry</i> , 2015, 207, 458-459.	1.7	11
2467	Normalization in human somatosensory cortex. <i>Journal of Neurophysiology</i> , 2015, 114, 2588-2599.	0.9	28
2468	The Chinese Verbal Learning Test Specifically Assesses Hippocampal State. <i>American Journal of Alzheimer's Disease and Other Dementias</i> , 2015, 30, 412-416.	0.9	3
2469	Distinct Cortical Pathways for Music and Speech Revealed by Hypothesis-Free Voxel Decomposition. <i>Neuron</i> , 2015, 88, 1281-1296.	3.8	305
2470	Evidence for disrupted gray matter structural connectivity in posttraumatic stress disorder. <i>Psychiatry Research - Neuroimaging</i> , 2015, 234, 194-201.	0.9	47
2471	Feedback to distal dendrites links fMRI signals to neural receptive fields in a spiking network model of the visual cortex. <i>Journal of Neurophysiology</i> , 2015, 114, 57-69.	0.9	5
2472	A path based approach to quantifying the progression of Alzheimer's disease. , 2015, , .		0
2473	Field modeling for transcranial magnetic stimulation: A useful tool to understand the physiological effects of TMS?. , 2015, 2015, 222-5.		454
2474	The Rotterdam Scan Study: design update 2016 and main findings. <i>European Journal of Epidemiology</i> , 2015, 30, 1299-1315.	2.5	182
2475	Comparison of automated brain segmentation using a brain phantom and patients with early Alzheimer's dementia or mild cognitive impairment. <i>Psychiatry Research - Neuroimaging</i> , 2015, 233, 299-305.	0.9	39
2476	A Neuroimaging Strategy for the Three-Dimensional in vivo Anatomical Visualization and Characterization of Insular Gyri. <i>Stereotactic and Functional Neurosurgery</i> , 2015, 93, 255-264.	0.8	15
2477	Reduced Regional Brain Cortical Thickness in Patients with Heart Failure. <i>PLoS ONE</i> , 2015, 10, e0126595.	1.1	42
2478	Reproducibility of T <sub>2</sub> * mapping in the human cerebral cortex in vivo at 7 tesla MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 42, 290-296.	1.9	21
2479	Post-traumatic stress and age variation in amygdala volumes among youth exposed to trauma. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 1661-1667.	1.5	30
2480	Random forest classification of depression status based on subcortical brain morphometry following electroconvulsive therapy. , 2015, 2015, 92-96.		10
2481	Benchmark data for sulcal pits extraction algorithms. <i>Data in Brief</i> , 2015, 5, 595-598.	0.5	2
2482	Changes in brain regions associated with food-intake regulation, body mass and metabolic profiles during acute antipsychotic treatment in first-episode schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2015, 233, 186-193.	0.9	12

#	ARTICLE	IF	CITATIONS
2483	MEM-diffusion MRI framework to solve MEEG inverse problem. , 2015, , .		2
2484	Resting-state brain activity in the motor cortex reflects task-induced activity: A multi-voxel pattern analysis. , 2015, 2015, 4290-3.		2
2486	Comparison of the Brain Volume in Essential Tremor and Parkinson's Disease Tremor Using an Automated Segmentation Method. <i>European Neurology</i> , 2015, 73, 303-309.	0.6	23
2487	Illness Progression, Recent Stress, and Morphometry of Hippocampal Subfields and Medial Prefrontal Cortex in Major Depression. <i>Biological Psychiatry</i> , 2015, 77, 285-294.	0.7	267
2488	A mesh simplification strategy for a spatial regression analysis over the cortical surface of the brain. <i>Applied Numerical Mathematics</i> , 2015, 90, 111-131.	1.2	21
2489	Structural gray matter abnormalities in migraine relate to headache lateralization, but not aura. <i>Cephalalgia</i> , 2015, 35, 3-9.	1.8	30
2490	Higher homocysteine associated with thinner cortical gray matter in 803 participants from the Alzheimer's Disease Neuroimaging Initiative. <i>Neurobiology of Aging</i> , 2015, 36, S203-S210.	1.5	52
2491	Increasing structural atrophy and functional isolation of the temporal lobe with duration of disease in temporal lobe epilepsy. <i>Epilepsy Research</i> , 2015, 110, 171-178.	0.8	24
2492	Repetition suppression and repetition enhancement underlie auditory memory-trace formation in the human brain: an MEG study. <i>NeuroImage</i> , 2015, 108, 75-86.	2.1	44
2493	Hippocampal Volume Is Reduced in Schizophrenia and Schizoaffective Disorder But Not in Psychotic Bipolar I Disorder Demonstrated by Both Manual Tracing and Automated Parcellation (FreeSurfer). <i>Schizophrenia Bulletin</i> , 2015, 41, 233-249.	2.3	83
2494	Ageing 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
2495	Cortical thickness abnormalities associated with dyslexia, independent of remediation status. <i>NeuroImage: Clinical</i> , 2015, 7, 177-186.	1.4	34
2496	Neural Population Tuning Links Visual Cortical Anatomy to Human Visual Perception. <i>Neuron</i> , 2015, 85, 641-656.	3.8	94
2497	Cortical surface biomarkers for predicting cognitive outcomes using group l2,1 norm. <i>Neurobiology of Aging</i> , 2015, 36, S185-S193.	1.5	43
2498	Evoked itch perception is associated with changes in functional brain connectivity. <i>NeuroImage: Clinical</i> , 2015, 7, 213-221.	1.4	32
2499	Greater cortical thinning in normal older adults predicts later cognitive impairment. <i>Neurobiology of Aging</i> , 2015, 36, 903-908.	1.5	71
2500	Mathematical framework for large-scale brain network modeling in The Virtual Brain. <i>NeuroImage</i> , 2015, 111, 385-430.	2.1	274
2501	Influence of the head model on EEG and MEG source connectivity analyses. <i>NeuroImage</i> , 2015, 110, 60-77.	2.1	98

#	ARTICLE	IF	CITATIONS
2502	Reliability and statistical power analysis of cortical and subcortical FreeSurfer metrics in a large sample of healthy elderly. <i>NeuroImage</i> , 2015, 108, 95-109.	2.1	85
2503	Neural Correlates of Aggression in Medication-Naive Children with ADHD: Multivariate Analysis of Morphometry and Tractography. <i>Neuropsychopharmacology</i> , 2015, 40, 1717-1725.	2.8	71
2504	A purely confirmatory replication study of structural brain-behavior correlations. <i>Cortex</i> , 2015, 66, 115-133.	1.1	143
2505	GraSP: Geodesic Graph-based Segmentation with Shape Priors for the functional parcellation of the cortex. <i>NeuroImage</i> , 2015, 106, 207-221.	2.1	56
2506	Cortical Thinning in Individuals with Subjective Memory Impairment. <i>Journal of Alzheimer's Disease</i> , 2015, 45, 139-146.	1.2	66
2507	Evolving brain structural changes in PSEN1 mutation carriers. <i>Neurobiology of Aging</i> , 2015, 36, 1261-1270.	1.5	30
2508	Comparison of grey matter volume and thickness for analysing cortical changes in chronic schizophrenia: A matter of surface area, grey/white matter intensity contrast, and curvature. <i>Psychiatry Research - Neuroimaging</i> , 2015, 231, 176-183.	0.9	71
2509	Increased cortical surface area and gyrification following long-term survival from early monocular enucleation. <i>NeuroImage: Clinical</i> , 2015, 7, 297-305.	1.4	19
2510	Unified voxel- and tensor-based morphometry (UVTBM) using registration confidence. <i>Neurobiology of Aging</i> , 2015, 36, S60-S68.	1.5	11
2511	A novel cortical thickness estimation method based on volumetric Laplace-Beltrami operator and heat kernel. <i>Medical Image Analysis</i> , 2015, 22, 1-20.	7.0	23
2512	Deep sulcal landmarks: Algorithmic and conceptual improvements in the definition and extraction of sulcal pits. <i>NeuroImage</i> , 2015, 111, 12-25.	2.1	54
2513	Fetal Exposure to Maternal Depressive Symptoms Is Associated With Cortical Thickness in Late Childhood. <i>Biological Psychiatry</i> , 2015, 77, 324-334.	0.7	181
2514	Daily Marijuana Use Is Not Associated with Brain Morphometric Measures in Adolescents or Adults. <i>Journal of Neuroscience</i> , 2015, 35, 1505-1512.	1.7	114
2515	Morphological changes in gray matter volume correlate with catechol-O-methyl transferase gene Val158Met polymorphism in first-episode treatment-naïve patients with schizophrenia. <i>Neuroscience Bulletin</i> , 2015, 31, 31-42.	1.5	7
2516	Reduced cortical surface area in adolescents with conduct disorder. <i>European Child and Adolescent Psychiatry</i> , 2015, 24, 909-917.	2.8	23
2517	Classification algorithms with multi-modal data fusion could accurately distinguish neuromyelitis optica from multiple sclerosis. <i>NeuroImage: Clinical</i> , 2015, 7, 306-314.	1.4	37
2518	Protective variant for hippocampal atrophy identified by whole exome sequencing. <i>Annals of Neurology</i> , 2015, 77, 547-552.	2.8	48
2519	Attention Drives Synchronization of Alpha and Beta Rhythms between Right Inferior Frontal and Primary Sensory Neocortex. <i>Journal of Neuroscience</i> , 2015, 35, 2074-2082.	1.7	79

#	ARTICLE	IF	CITATIONS
2520	Investigation of negative BOLD responses in human brain through NIRS technique. A visual stimulation study. <i>NeuroImage</i> , 2015, 108, 410-422.	2.1	37
2521	BrainPrint: A discriminative characterization of brain morphology. <i>NeuroImage</i> , 2015, 109, 232-248.	2.1	128
2522	Clinical Prediction from Structural Brain MRI Scans: A Large-Scale Empirical Study. <i>Neuroinformatics</i> , 2015, 13, 31-46.	1.5	131
2523	Postconcussion Symptoms Are Associated with Cerebral Cortical Thickness in Healthy Collegiate and Preparatory School Ice Hockey Players. <i>Journal of Pediatrics</i> , 2015, 166, 394-400.e1.	0.9	33
2524	Unraveling the relationship between regional gray matter atrophy and pathology in connected white matter tracts in long-standing multiple sclerosis. <i>Human Brain Mapping</i> , 2015, 36, 1796-1807.	1.9	59
2525	Noninvasive mapping of pancreatic inflammation in recent-onset type-1 diabetes patients. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 2139-2144.	3.3	123
2526	Topologically Dissociable Patterns of Development of the Human Cerebral Cortex. <i>Journal of Neuroscience</i> , 2015, 35, 599-609.	1.7	103
2527	Early visual cortex reflects initiation and maintenance of task set. <i>NeuroImage</i> , 2015, 107, 277-288.	2.1	8
2528	Evidence for brain glial activation in chronic pain patients. <i>Brain</i> , 2015, 138, 604-615.	3.7	372
2529	Mapping ventricular expansion onto cortical gray matter in older adults. <i>Neurobiology of Aging</i> , 2015, 36, S32-S41.	1.5	32
2530	Cortical thinning in type 2 diabetes mellitus and recovering effects of insulin therapy. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 275-279.	0.8	30
2531	The artist emerges: Visual art learning alters neural structure and function. <i>NeuroImage</i> , 2015, 105, 440-451.	2.1	57
2532	A Connectome Computation System for discovery science of brain. <i>Science Bulletin</i> , 2015, 60, 86-95.	4.3	129
2533	What drives MRI-measured cortical atrophy in multiple sclerosis?. <i>Multiple Sclerosis Journal</i> , 2015, 21, 1280-1290.	1.4	94
2534	Clinical trials in progressive multiple sclerosis: lessons learned and future perspectives. <i>Lancet Neurology</i> , The, 2015, 14, 208-223.	4.9	188
2535	Distributed Neural Representations of Phonological Features during Speech Perception. <i>Journal of Neuroscience</i> , 2015, 35, 634-642.	1.7	97
2536	Morphometric <scp>MRI</scp> alterations and postoperative seizure control in refractory temporal lobe epilepsy. <i>Human Brain Mapping</i> , 2015, 36, 1637-1647.	1.9	58
2537	Patterns of cortical thickness associated with impulse control disorders in Parkinson's disease. <i>Movement Disorders</i> , 2015, 30, 688-695.	2.2	83

#	ARTICLE	IF	CITATIONS
2538	7 Tesla fMRI Reveals Systematic Functional Organization for Binocular Disparity in Dorsal Visual Cortex. <i>Journal of Neuroscience</i> , 2015, 35, 3056-3072.	1.7	80
2539	The effect of lifelong bilingualism on regional grey and white matter volume. <i>Brain Research</i> , 2015, 1612, 128-139.	1.1	116
2540	Cardiorespiratory fitness is associated with brain structure, cognition, and mood in a middle-aged cohort at risk for Alzheimer's disease. <i>Brain Imaging and Behavior</i> , 2015, 9, 639-649.	1.1	85
2541	Age effects on cortical thickness in young Down's syndrome subjects: a cross-sectional gender study. <i>Neuroradiology</i> , 2015, 57, 401-411.	1.1	4
2542	NeuralAct: A Tool to Visualize Electrocortical (ECoG) Activity on a Three-Dimensional Model of the Cortex. <i>Neuroinformatics</i> , 2015, 13, 167-174.	1.5	51
2543	Statistical estimation of physiological brain age as a descriptor of senescence rate during adulthood. <i>Brain Imaging and Behavior</i> , 2015, 9, 678-689.	1.1	38
2545	Cortical thickness gradients in structural hierarchies. <i>NeuroImage</i> , 2015, 111, 241-250.	2.1	155
2546	Gray matter myelination of 1555 human brains using partial volume corrected MRI images. <i>NeuroImage</i> , 2015, 105, 473-485.	2.1	141
2547	Amyloid- $\beta^2$ deposition in mild cognitive impairment is associated with increased hippocampal activity, atrophy and clinical progression. <i>Brain</i> , 2015, 138, 1023-1035.	3.7	207
2548	A gradient in cortical pathology in multiple sclerosis by in vivo quantitative 7 T imaging. <i>Brain</i> , 2015, 138, 932-945.	3.7	121
2549	Genetic associations with brain cortical thickness in multiple sclerosis. <i>Genes, Brain and Behavior</i> , 2015, 14, 217-227.	1.1	31
2550	Genetic and Environmental Contributions to the Relationships Between Brain Structure and Average Lifetime Cigarette Use. <i>Behavior Genetics</i> , 2015, 45, 157-170.	1.4	19
2551	Cerebellar and cortical abnormalities in paediatric opsoclonus-myoclonus syndrome. <i>Developmental Medicine and Child Neurology</i> , 2015, 57, 265-272.	1.1	28
2552	Patterns of brain structural connectivity differentiate normal weight from overweight subjects. <i>NeuroImage: Clinical</i> , 2015, 7, 506-517.	1.4	67
2553	Correlates of cerebrospinal fluid levels of oligomeric- and total- $\beta$ -synuclein in premotor, motor and dementia stages of Parkinson's disease. <i>Journal of Neurology</i> , 2015, 262, 294-306.	1.8	85
2554	Regional cortical thickness and subcortical volume changes in patients with metabolic syndrome. <i>Brain Imaging and Behavior</i> , 2015, 9, 588-596.	1.1	20
2555	NABS: non-local automatic brain hemisphere segmentation. <i>Magnetic Resonance Imaging</i> , 2015, 33, 474-484.	1.0	25
2556	The Neural Correlates of Speech Motor Sequence Learning. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 819-831.	1.1	58

#	ARTICLE	IF	CITATIONS
2557	Computational and experimental analysis of TMS-induced electric field vectors critical to neuronal activation. <i>Journal of Neural Engineering</i> , 2015, 12, 046014.	1.8	44
2558	Gray Matter Axonal Connectivity Maps. <i>Frontiers in Psychiatry</i> , 2015, 6, 35.	1.3	12
2559	Anomalous White Matter Morphology in Adults Who Stutter. <i>Journal of Speech, Language, and Hearing Research</i> , 2015, 58, 268-277.	0.7	37
2560	Thinner Medial Temporal Cortex in Adolescents With Attention-Deficit/Hyperactivity Disorder and the Effects of Stimulants. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2015, 54, 660-667.	0.3	28
2561	Reassessing cortical reorganization in the primary sensorimotor cortex following arm amputation. <i>Brain</i> , 2015, 138, 2140-2146.	3.7	153
2562	Association of IQ Changes and Progressive Brain Changes in Patients With Schizophrenia. <i>JAMA Psychiatry</i> , 2015, 72, 803.	6.0	80
2563	A magnetoencephalography study of multi-modal processing of pain anticipation in primary sensory cortices. <i>Neuroscience</i> , 2015, 304, 176-189.	1.1	9
2564	MR image synthesis by contrast learning on neighborhood ensembles. <i>Medical Image Analysis</i> , 2015, 24, 63-76.	7.0	59
2565	Iterative Probabilistic Voxel Labeling: Automated Segmentation for Analysis of The Cancer Imaging Archive Glioblastoma Images. <i>American Journal of Neuroradiology</i> , 2015, 36, 678-685.	1.2	19
2566	Estimating individual contribution from group-based structural correlation networks. <i>NeuroImage</i> , 2015, 120, 274-284.	2.1	40
2567	Mirth and laughter elicited by electrical stimulation of the human anterior cingulate cortex. <i>Cortex</i> , 2015, 71, 323-331.	1.1	96
2568	Multivariate combination of magnetization transfer, T2* and B0 orientation to study the myelo-architecture of the in vivo human cortex. <i>NeuroImage</i> , 2015, 119, 89-102.	2.1	54
2569	Cortical feature analysis and machine learning improves detection of "MRI-negative" focal cortical dysplasia. <i>Epilepsy and Behavior</i> , 2015, 48, 21-28.	0.9	67
2570	Understanding the biophysical effects of transcranial magnetic stimulation on brain tissue. <i>Progress in Brain Research</i> , 2015, 222, 229-259.	0.9	27
2571	Fear extinction memory performance in a sample of stable, euthymic patients with bipolar disorder. <i>Journal of Affective Disorders</i> , 2015, 185, 230-238.	2.0	11
2572	Significant feed-forward connectivity revealed by high frequency components of BOLD fMRI signals. <i>NeuroImage</i> , 2015, 121, 69-77.	2.1	31
2573	AICHA: An atlas of intrinsic connectivity of homotopic areas. <i>Journal of Neuroscience Methods</i> , 2015, 254, 46-59.	1.3	232
2574	Atrophy of presubiculum and subiculum is the earliest hippocampal anatomical marker of Alzheimer's disease. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2015, 1, 24-32.	1.2	105

#	ARTICLE	IF	CITATIONS
2575	Accurate automatic estimation of total intracranial volume: A nuisance variable with less nuisance. <i>NeuroImage</i> , 2015, 104, 366-372.	2.1	371
2576	The effects of SIFT on the reproducibility and biological accuracy of the structural connectome. <i>NeuroImage</i> , 2015, 104, 253-265.	2.1	213
2577	Avoiding symmetry-breaking spatial non-uniformity in deformable image registration via a quasi-volume-preserving constraint. <i>NeuroImage</i> , 2015, 106, 238-251.	2.1	8
2578	Does degree of gyrification underlie the phenotypic and genetic associations between cortical surface area and cognitive ability?. <i>NeuroImage</i> , 2015, 106, 154-160.	2.1	32
2579	Diffusion tensor characteristics of gyrencephaly using high resolution diffusion MRI in vivo at 7T. <i>NeuroImage</i> , 2015, 109, 378-387.	2.1	59
2580	Expectation modulates neural representations of valence throughout the human brain. <i>NeuroImage</i> , 2015, 115, 214-223.	2.1	12
2581	Cortical morphology and early adverse birth events in men with first-episode psychosis. <i>Psychological Medicine</i> , 2015, 45, 1825-1837.	2.7	17
2582	Long-term structural changes after mTBI and their relation to post-concussion symptoms. <i>Brain Injury</i> , 2015, 29, 1211-1218.	0.6	58
2583	Reduced Gyrification 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
2584	Eccentricity Mapping of the Human Visual Cortex to Evaluate Temporal Dynamics of Functional $T_1$ Mapping. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 1213-1219.	2.4	11
2585	White matter signal abnormality quality differentiates mild cognitive impairment that converts to Alzheimer's disease from nonconverters. <i>Neurobiology of Aging</i> , 2015, 36, 2447-2457.	1.5	41
2586	The Anatomical and Functional Organization of the Human Visual Pulvinar. <i>Journal of Neuroscience</i> , 2015, 35, 9848-9871.	1.7	146
2587	Abnormalities of fixation, saccade and pursuit in posterior cortical atrophy. <i>Brain</i> , 2015, 138, 1976-1991.	3.7	74
2588	Evaluation of Cortical Thickness after Traumatic Brain Injury in Military Veterans. <i>Journal of Neurotrauma</i> , 2015, 32, 1751-1758.	1.7	42
2589	The Genetic Association Between Neocortical Volume and General Cognitive Ability Is Driven by Global Surface Area Rather Than Thickness. <i>Cerebral Cortex</i> , 2015, 25, 2127-2137.	1.6	84
2590	Longitudinal quantification and visualization of intracerebral haemorrhage using multimodal magnetic resonance and diffusion tensor imaging. <i>Brain Injury</i> , 2015, 29, 438-445.	0.6	17
2591	Functional MRI of visual responses in the awake, behaving marmoset. <i>NeuroImage</i> , 2015, 120, 1-11.	2.1	61
2592	Modeling the 3D Geometry of the Cortical Surface with Genetic Ancestry. <i>Current Biology</i> , 2015, 25, 1988-1992.	1.8	34

#	ARTICLE	IF	CITATIONS
2593	Abnormal Resting State fMRI Activity Predicts Processing Speed Deficits in First-Episode Psychosis. <i>Neuropsychopharmacology</i> , 2015, 40, 1631-1639.	2.8	14
2594	Quantitative Oxygen Extraction Fraction from 7-Tesla MRI Phase: Reproducibility and Application in Multiple Sclerosis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 131-139.	2.4	45
2595	Prefrontal gyrification in psychotic bipolar I disorder vs. schizophrenia. <i>Journal of Affective Disorders</i> , 2015, 185, 104-107.	2.0	54
2596	Brain Structural Abnormalities in a Group of Never-Medicated Patients With Long-Term Schizophrenia. <i>American Journal of Psychiatry</i> , 2015, 172, 995-1003.	4.0	76
2597	Slow Spatial Recruitment of Neocortex during Secondarily Generalized Seizures and Its Relation to Surgical Outcome. <i>Journal of Neuroscience</i> , 2015, 35, 9477-9490.	1.7	40
2598	Evaluation of differences in brain neurophysiology and morphometry associated with hand function in individuals with chronic stroke. <i>Restorative Neurology and Neuroscience</i> , 2015, 33, 31-42.	0.4	33
2599	Migraine affects white-matter tract integrity: A diffusion-tensor imaging study. <i>Cephalalgia</i> , 2015, 35, 1162-1171.	1.8	58
2601	Stroke risk interacts with Alzheimer's disease biomarkers on brain aging outcomes. <i>Neurobiology of Aging</i> , 2015, 36, 2501-2508.	1.5	23
2602	Self-reported impulsivity is negatively correlated with amygdalar volumes in cocaine dependence. <i>Psychiatry Research - Neuroimaging</i> , 2015, 233, 212-217.	0.9	11
2603	Anatomical guidance for functional near-infrared spectroscopy: AtlasViewer tutorial. <i>Neurophotonics</i> , 2015, 2, 020801.	1.7	269
2604	SIFT2: Enabling dense quantitative assessment of brain white matter connectivity using streamlines tractography. <i>NeuroImage</i> , 2015, 119, 338-351.	2.1	506
2605	Large-scale genomics unveil polygenic architecture of human cortical surface area. <i>Nature Communications</i> , 2015, 6, 7549.	5.8	30
2606	The Alzheimer's Disease Neuroimaging Initiative phase 2: Increasing the length, breadth, and depth of our understanding. <i>Alzheimer's and Dementia</i> , 2015, 11, 823-831.	0.4	60
2607	Leveraging anatomical information to improve transfer learning in brain-computer interfaces. <i>Journal of Neural Engineering</i> , 2015, 12, 046027.	1.8	24
2608	Unraveling the neuroimaging predictors for motor dysfunction in long-standing multiple sclerosis. <i>Neurology</i> , 2015, 85, 248-255.	1.5	41
2609	Phonological processing in speech perception: What do sonority differences tell us?. <i>Brain and Language</i> , 2015, 149, 77-83.	0.8	7
2610	Cognitive correlates of white matter lesion load and brain atrophy. <i>Neurology</i> , 2015, 85, 441-449.	1.5	72
2611	Distinct effects of trial-driven and task Set-related control in primary visual cortex. <i>NeuroImage</i> , 2015, 120, 285-297.	2.1	11



#	ARTICLE	IF	CITATIONS
2612	High-Expanding Cortical Regions in Human Development and Evolution Are Related to Higher Intellectual Abilities. <i>Cerebral Cortex</i> , 2015, 25, 26-34.	1.6	104
2613	Acupuncture modulates cortical thickness and functional connectivity in knee osteoarthritis patients. <i>Scientific Reports</i> , 2014, 4, 6482.	1.6	60
2614	Association between age of disease-onset, cognitive performance and cortical thickness in bipolar disorders. <i>Journal of Affective Disorders</i> , 2015, 174, 627-635.	2.0	39
2615	Mesial temporal lobe and memory function in autism spectrum disorder: An exploration of volumetric findings. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2015, 37, 178-192.	0.8	10
2616	Alterations in Brain Grey Matter Structures in Patients With Crohn's Disease and Their Correlation With Psychological Distress†. <i>Journal of Crohn's and Colitis</i> , 2015, 9, 532-540.	0.6	70
2617	Cortical Hierarchies Perform Bayesian Causal Inference in Multisensory Perception. <i>PLoS Biology</i> , 2015, 13, e1002073.	2.6	258
2618	Cortical Surface Morphometry. , 2015, , 157-166.		1
2619	Cortical Thickness Mapping. , 2015, , 351-355.		0
2620	Sulcus Identification and Labeling. , 2015, , 365-371.		8
2621	Surface-Based Morphometry. , 2015, , 395-399.		2
2622	The human voice areas: Spatial organization and inter-individual variability in temporal and extra-temporal cortices. <i>NeuroImage</i> , 2015, 119, 164-174.	2.1	190
2623	Differential Adaptation of Descending Motor Tracts in Musicians. <i>Cerebral Cortex</i> , 2015, 25, 1490-1498.	1.6	54
2624	Brain structure abnormalities in first-episode psychosis patients with persistent apathy. <i>Schizophrenia Research</i> , 2015, 164, 59-64.	1.1	41
2625	Intracranial volume inversely correlates with serum 25(OH)D level in healthy young women. <i>Nutritional Neuroscience</i> , 2015, 18, 37-40.	1.5	15
2626	Integrating Neuropsychology and Brain Imaging for a Referral of Possible Pseudodementia: A Case Report. <i>Clinical Neuropsychologist</i> , 2015, 29, 272-292.	1.5	7
2627	Intracranial volume normalization methods: Considerations when investigating gender differences in regional brain volume. <i>Psychiatry Research - Neuroimaging</i> , 2015, 231, 227-235.	0.9	49
2628	Somatosensory cortex functional connectivity abnormalities in autism show opposite trends, depending on direction and spatial scale. <i>Brain</i> , 2015, 138, 1394-1409.	3.7	125
2629	Multicenter mapping of structural network alterations in autism. <i>Human Brain Mapping</i> , 2015, 36, 2364-2373.	1.9	87

#	ARTICLE	IF	CITATIONS
2630	Functional and anatomical properties of human visual cortical fields. <i>Vision Research</i> , 2015, 109, 107-121.	0.7	2
2631	Indirect association of DAT1 genotype with executive function through white matter volume in orbitofrontal cortex. <i>Psychiatry Research - Neuroimaging</i> , 2015, 232, 76-83.	0.9	5
2632	Neuropsychological Testing Predicts Cerebrospinal Fluid Amyloid- $\beta^2$ in Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2015, 46, 901-912.	1.2	21
2633	Structural connectivity of neural reward networks in youth at risk for substance use disorders. <i>Psychopharmacology</i> , 2015, 232, 2217-2226.	1.5	15
2634	Reduced cortical thickness in gambling disorder: a morphometric MRI study. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2015, 265, 655-661.	1.8	26
2635	Combined stimulant and antipsychotic treatment in adolescents with attention-deficit/hyperactivity disorder: a cross-sectional observational structural MRI study. <i>European Child and Adolescent Psychiatry</i> , 2015, 24, 959-968.	2.8	6
2636	Automated Hippocampal Subfield Measures as Predictors of Conversion from Mild Cognitive Impairment to Alzheimer's Disease in Two Independent Cohorts. <i>Brain Topography</i> , 2015, 28, 746-759.	0.8	69
2637	Are Autistic Traits in the General Population Related to Global and Regional Brain Differences?. <i>Journal of Autism and Developmental Disorders</i> , 2015, 45, 2779-2791.	1.7	11
2638	Participation in cognitively-stimulating activities is associated with brain structure and cognitive function in preclinical Alzheimer's disease. <i>Brain Imaging and Behavior</i> , 2015, 9, 729-736.	1.1	48
2639	Early CNS neurodegeneration in radiologically isolated syndrome. <i>Neurology: Neuroimmunology and Neuroinflammation</i> , 2015, 2, e102.	3.1	177
2640	Voxel-based morphometry at ultra-high fields. A comparison of 7T and 3T MRI data. <i>NeuroImage</i> , 2015, 113, 207-216.	2.1	43
2641	A longitudinal study of cortical changes and their cognitive correlates in patients followed up after first-episode psychosis. <i>Psychological Medicine</i> , 2015, 45, 205-216.	2.7	40
2642	Trait positive affect is associated with hippocampal volume and change in caudate volume across adolescence. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2015, 15, 80-94.	1.0	11
2643	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
2644	Interhemispheric insular and inferior frontal connectivity are associated with substance abuse in a psychiatric population. <i>Neuropharmacology</i> , 2015, 92, 63-68.	2.0	24
2645	Structural asymmetry of the insula is linked to the lateralization of gesture and language. <i>European Journal of Neuroscience</i> , 2015, 41, 1438-1447.	1.2	48
2646	Enhanced functional connectivity and increased gray matter volume of insula related to action video game playing. <i>Scientific Reports</i> , 2015, 5, 9763.	1.6	72
2647	Subclinical MRI disease activity influences cognitive performance in MS patients. <i>Multiple Sclerosis and Related Disorders</i> , 2015, 4, 137-143.	0.9	23

#	ARTICLE	IF	CITATIONS
2648	Inter-subject Variability in Electric Fields of Motor Cortical tDCS. <i>Brain Stimulation</i> , 2015, 8, 906-913.	0.7	304
2649	Superficial white matter fiber systems impede detection of long-range cortical connections in diffusion MR tractography. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E2820-8.	3.3	364
2650	<i>APOE</i> effect on Alzheimer's disease biomarkers in older adults with significant memory concern. <i>Alzheimer's and Dementia</i> , 2015, 11, 1417-1429.	0.4	157
2651	Mapping brain volumetric abnormalities in never-treated pathological gamblers. <i>Psychiatry Research - Neuroimaging</i> , 2015, 232, 208-213.	0.9	19
2652	Sequential activation of premotor, primary somatosensory and primary motor areas in humans during cued finger movements. <i>Clinical Neurophysiology</i> , 2015, 126, 2150-2161.	0.7	54
2653	Cortical thickness in adolescent marijuana and alcohol users: A three-year prospective study from adolescence to young adulthood. <i>Developmental Cognitive Neuroscience</i> , 2015, 16, 101-109.	1.9	86
2654	Dynamic Encoding of Speech Sequence Probability in Human Temporal Cortex. <i>Journal of Neuroscience</i> , 2015, 35, 7203-7214.	1.7	65
2655	The Synergistic Effects of Anxiety and Cerebral Hypoperfusion on Cognitive Dysfunction in Older Adults With Cardiovascular Disease. <i>Journal of Geriatric Psychiatry and Neurology</i> , 2015, 28, 57-66.	1.2	13
2656	Structural abnormalities in benign childhood epilepsy with centrotemporal spikes (BCECTS). <i>Seizure: the Journal of the British Epilepsy Association</i> , 2015, 27, 40-46.	0.9	41
2657	Optimization of brain perfusion image quality by cortical surface-based projection of arterial spin labeling maps in early-onset Alzheimer's disease patients. <i>European Radiology</i> , 2015, 25, 2479-2484.	2.3	7
2658	Neural Substrates Underlying the Passive Observation and Active Control of Translational Egomotion. <i>Journal of Neuroscience</i> , 2015, 35, 4258-4267.	1.7	28
2659	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
2660	Lack of an association of BDNF Val66Met polymorphism and plasma BDNF with hippocampal volume and memory. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2015, 15, 625-643.	1.0	36
2661	Intraparietal regions play a material general role in working memory: Evidence supporting an internal attentional role. <i>Neuropsychologia</i> , 2015, 73, 12-24.	0.7	10
2662	A Multimodal Analysis of Antipsychotic Effects on Brain Structure and Function in First-Episode Schizophrenia. <i>JAMA Psychiatry</i> , 2015, 72, 226.	6.0	146
2663	Visualâ€“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
2664	The Effect of Central Nervous System Penetration Effectiveness of Highly Active Antiretroviral Therapy on Neuropsychological Performance and Neuroimaging in HIV Infected Individuals. <i>Journal of NeuroImmune Pharmacology</i> , 2015, 10, 487-492.	2.1	28
2665	Aberrant cerebral network topology and mild cognitive impairment in early Parkinson's disease. <i>Human Brain Mapping</i> , 2015, 36, 2980-2995.	1.9	87

#	ARTICLE	IF	CITATIONS
2666	Estimating Intracranial Volume in Brain Research: An Evaluation of Methods. <i>Neuroinformatics</i> , 2015, 13, 427-441.	1.5	35
2667	Effects of HIV and combination antiretroviral therapy on cortico-striatal functional connectivity. <i>Aids</i> , 2015, 29, 703-712.	1.0	74
2668	Longitudinal changes in cortical thinning associated with hypertension. <i>Journal of Hypertension</i> , 2015, 33, 1242-1248.	0.3	33
2669	Mechanisms Underlying Encoding of Short-Lived Versus Durable Episodic Memories. <i>Journal of Neuroscience</i> , 2015, 35, 5202-5212.	1.7	42
2670	Handbook of Biomedical Imaging. , 2015, , .		10
2671	Lexical mediation of phonotactic frequency effects on spoken word recognition: A Granger causality analysis of MRI-constrained MEC/EEG data. <i>Journal of Memory and Language</i> , 2015, 82, 41-55.	1.1	19
2672	Common Behavioral Clusters and Subcortical Anatomy in Stroke. <i>Neuron</i> , 2015, 85, 927-941.	3.8	353
2673	Pleiotropic Locus for Emotion Recognition and Amygdala Volume Identified Using Univariate and Bivariate Linkage. <i>American Journal of Psychiatry</i> , 2015, 172, 190-199.	4.0	10
2674	Cortical gyrification and its relationships with cortical volume, cortical thickness, and cognitive performance in healthy mid-life adults. <i>Behavioural Brain Research</i> , 2015, 287, 331-339.	1.2	104
2675	High and low gamma EEG oscillations in central sensorimotor areas are conversely modulated during the human gait cycle. <i>NeuroImage</i> , 2015, 112, 318-326.	2.1	158
2676	Grid and depth intracranial electrodes localization in a normalized space using MRI and CT images.. <i>IFMBE Proceedings</i> , 2015, , 413-416.	0.2	4
2677	Genome Mapping and Genomics in Human and Non-Human Primates. , 2015, , .		0
2678	The Role of Vascular Endothelial Growth Factor in Neurodegeneration and Cognitive Decline. <i>JAMA Neurology</i> , 2015, 72, 520.	4.5	133
2679	Early Visual Word Processing Is Flexible: Evidence from Spatiotemporal Brain Dynamics. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 1738-1751.	1.1	47
2680	Cortical thickness, surface area and folding in patients with psychogenic nonepileptic seizures. <i>Epilepsy Research</i> , 2015, 112, 84-91.	0.8	53
2681	Know your toolsâ€”concordance of different methods for measuring brain volume change after ischemic stroke. <i>Neuroradiology</i> , 2015, 57, 685-695.	1.1	7
2682	Progressive Brain Atrophy and Cortical Thinning in Schizophrenia after Commencing Clozapine Treatment. <i>Neuropsychopharmacology</i> , 2015, 40, 2409-2417.	2.8	58
2683	Similar cortical but not subcortical gray matter abnormalities in women with posttraumatic stress disorder with versus without dissociative identity disorder. <i>Psychiatry Research - Neuroimaging</i> , 2015, 231, 308-319.	0.9	38

#	ARTICLE	IF	CITATIONS
2684	Controllability of structural brain networks. <i>Nature Communications</i> , 2015, 6, 8414.	5.8	600
2685	Variation in CACNA1C is Associated with Amygdala Structure and Function in Adolescents. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2015, 25, 701-710.	0.7	8
2686	Can visual information encoded in cortical columns be decoded from magnetoencephalography data in humans?. <i>NeuroImage</i> , 2015, 121, 193-204.	2.1	80
2687	Negligible fronto-parietal BOLD activity accompanying unreportable switches in bistable perception. <i>Nature Neuroscience</i> , 2015, 18, 1672-1678.	7.1	97
2688	Relevant feature set estimation with a knock-out strategy and random forests. <i>NeuroImage</i> , 2015, 122, 131-148.	2.1	20
2689	The need for improved brain lesion segmentation techniques for children with cerebral palsy: A review. <i>International Journal of Developmental Neuroscience</i> , 2015, 47, 229-246.	0.7	19
2690	Development and aging of cortical thickness correspond to genetic organization patterns. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15462-15467.	3.3	228
2691	Sex differences in cortical volume and gyrification in autism. <i>Molecular Autism</i> , 2015, 6, 42.	2.6	75
2692	Typical and Atypical Development of Functional Connectivity in the Face Network. <i>Journal of Neuroscience</i> , 2015, 35, 14624-14635.	1.7	44
2693	Hemispheric asymmetries in cortical and subcortical anatomy. <i>Laterality</i> , 2015, 20, 658-684.	0.5	35
2694	Neurodegenerative Disorders as Systemic Diseases. , 2015, , .		2
2695	Reduced grid-cell-like representations in adults at genetic risk for Alzheimer's disease. <i>Science</i> , 2015, 350, 430-433.	6.0	263
2696	Multimodal neuroimaging computing: the workflows, methods, and platforms. <i>Brain Informatics</i> , 2015, 2, 181-195.	1.8	22
2697	Dorsal striatal volumes in never-treated patients with first-episode schizophrenia before and during acute treatment. <i>Schizophrenia Research</i> , 2015, 169, 89-94.	1.1	17
2698	Brain atrophy and physical disability in primary progressive multiple sclerosis: A volumetric study. <i>Neuroradiology Journal</i> , 2015, 28, 354-358.	0.6	14
2699	Impact of cannabis use on prefrontal and parietal cortex gyrification and surface area in adolescents and emerging adults. <i>Developmental Cognitive Neuroscience</i> , 2015, 16, 46-53.	1.9	35
2700	On the importance of electrode parameters for shaping electric field patterns generated by tDCS. <i>NeuroImage</i> , 2015, 120, 25-35.	2.1	212
2701	Shared Genetic Factors Influence Amygdala Volumes and Risk for Alcoholism. <i>Neuropsychopharmacology</i> , 2015, 40, 412-420.	2.8	43

#	ARTICLE	IF	CITATIONS
2702	Brain cortical thickness in male adolescents with serious substance use and conduct problems. <i>American Journal of Drug and Alcohol Abuse</i> , 2015, 41, 414-424.	1.1	14
2703	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
2704	Anatomically Informed Metrics for Connectivity-Based Cortical Parcellation From Diffusion MRI. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2015, 19, 1375-1383.	3.9	14
2705	Increased Cerebral Blood Flow Associated with Better Response Inhibition in Bipolar Disorder. <i>Journal of the International Neuropsychological Society</i> , 2015, 21, 105-115.	1.2	19
2706	Neuroanatomical correlates of negative emotionality-related traits: A systematic review and meta-analysis. <i>Neuropsychologia</i> , 2015, 77, 97-118.	0.7	70
2707	Beyond focal cortical lesions in MS. <i>Neurology</i> , 2015, 85, 1702-1709.	1.5	36
2708	Amyloid burden, cortical thickness, and cognitive function in the Wisconsin Registry for Alzheimer's Prevention. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2015, 1, 160-169.	1.2	34
2709	Cortical thickness predicts the first onset of major depression in adolescence. <i>International Journal of Developmental Neuroscience</i> , 2015, 46, 125-131.	0.7	87
2710	Manic episodes are related to changes in frontal cortex: a longitudinal neuroimaging study of bipolar disorder 1. <i>Brain</i> , 2015, 138, 3440-3448.	3.7	98
2711	Cortical Thickness in Young Treatment-Naive Children With ADHD. <i>Journal of Attention Disorders</i> , 2015, 19, 925-930.	1.5	25
2712	Structural covariance in schizophrenia and first-episode psychosis: An approach based on graph analysis. <i>Journal of Psychiatric Research</i> , 2015, 71, 89-96.	1.5	28
2713	Machine Learning in Medical Imaging. <i>Lecture Notes in Computer Science</i> , 2015, , .	1.0	7
2714	Preliminary findings demonstrating latent effects of early adolescent marijuana use onset on cortical architecture. <i>Developmental Cognitive Neuroscience</i> , 2015, 16, 16-22.	1.9	65
2715	Cerebral perfusion and cortical thickness indicate cortical involvement in mild Parkinson's disease. <i>Movement Disorders</i> , 2015, 30, 1893-1900.	2.2	42
2716	Integration of Multimodal Neuroimaging and Electroencephalography for the Study of Acute Epileptiform Activity After Traumatic Brain Injury. <i>Lecture Notes in Computer Science</i> , 2015, , 165-179.	1.0	0
2717	Juxtacortical Lesions and Cortical Thinning in Multiple Sclerosis. <i>American Journal of Neuroradiology</i> , 2015, 36, 2270-2276.	1.2	14
2718	Self-rated and informant-rated everyday function in comparison to objective markers of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2015, 11, 1080-1089.	0.4	85
2719	The Roots of Alzheimer's Disease: Are High-Expanding Cortical Areas Preferentially Targeted?. <i>Cerebral Cortex</i> , 2015, 25, 2556-2565.	1.6	16

#	ARTICLE	IF	CITATIONS
2720	$\Delta^2$ -related hyperactivation in frontoparietal control regions in cognitively normal elderly. <i>Neurobiology of Aging</i> , 2015, 36, 3247-3254.	1.5	29
2721	Functional connectivity change across multiple cortical networks relates to episodic memory changes in aging. <i>Neurobiology of Aging</i> , 2015, 36, 3255-3268.	1.5	64
2722	Structural Image Analysis of the Brain in Neuropsychology Using Magnetic Resonance Imaging (MRI) Techniques. <i>Neuropsychology Review</i> , 2015, 25, 224-249.	2.5	35
2723	Cortical thinness and volume differences associated with marijuana abuse in emerging adults. <i>Drug and Alcohol Dependence</i> , 2015, 155, 275-283.	1.6	44
2724	Amygdalar and hippocampal volume: A comparison between manual segmentation, Freesurfer and VBM. <i>Journal of Neuroscience Methods</i> , 2015, 253, 254-261.	1.3	77
2725	A Prospective, Longitudinal Study of the Effect of Remission on Cortical Thickness and Hippocampal Volume in Patients with Treatment-Resistant Depression. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, pyv037-pyv037.	1.0	107
2726	Subject-Specific Sparse Dictionary Learning for Atlas-Based Brain MRI Segmentation. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2015, 19, 1598-1609.	3.9	64
2727	Cerebellar white matter changes in patients with newly diagnosed partial epilepsy of unknown etiology. <i>Clinical Neurology and Neurosurgery</i> , 2015, 138, 25-30.	0.6	18
2728	Occupational Complexity and Cognitive Reserve in a Middle-Aged Cohort at Risk for Alzheimer's Disease. <i>Archives of Clinical Neuropsychology</i> , 2015, 30, 634-642.	0.3	96
2729	Association of Cortical Thickness and Neurological Soft Signs in Patients with Chronic Schizophrenia and Healthy Controls. <i>Neuropsychobiology</i> , 2015, 71, 225-233.	0.9	20
2730	Shared Predisposition in the Association Between Cannabis Use and Subcortical Brain Structure. <i>JAMA Psychiatry</i> , 2015, 72, 994.	6.0	59
2731	Increased prefrontal and parietal cortical thickness does not correlate with anhedonia in patients with untreated first-episode major depressive disorders. <i>Psychiatry Research - Neuroimaging</i> , 2015, 234, 144-151.	0.9	29
2732	Resting-State Retinotopic Organization in the Absence of Retinal Input and Visual Experience. <i>Journal of Neuroscience</i> , 2015, 35, 12366-12382.	1.7	55
2733	Faciotopy—A face-feature map with face-like topology in the human occipital face area. <i>Cortex</i> , 2015, 72, 156-167.	1.1	68
2734	The cortical surface area of the insula mediates the effect of DBH rs7040170 on novelty seeking. <i>NeuroImage</i> , 2015, 117, 184-190.	2.1	6
2735	“Visual” Cortex of Congenitally Blind Adults Responds to Syntactic Movement. <i>Journal of Neuroscience</i> , 2015, 35, 12859-12868.	1.7	89
2736	Aberrant Cortical Morphometry in the 22q11.2 Deletion Syndrome. <i>Biological Psychiatry</i> , 2015, 78, 135-143.	0.7	61
2737	Structural correlates of spoken language abilities: A surface-based region-of interest morphometry study. <i>Brain and Language</i> , 2015, 149, 46-54.	0.8	11

#	ARTICLE	IF	CITATIONS
2738	Atypical cortical gyrification in adolescents with histories of heavy prenatal alcohol exposure. <i>Brain Research</i> , 2015, 1624, 446-454.	1.1	22
2739	Neural evidence for competition-mediated suppression in the perception of a single object. <i>Cortex</i> , 2015, 72, 124-139.	1.1	16
2740	Executive function and cortical thickness in youths prenatally exposed to cocaine, alcohol and tobacco. <i>Developmental Cognitive Neuroscience</i> , 2015, 16, 155-165.	1.9	36
2741	Associations of hippocampal metabolism and regional brain grey matter in neuroleptic-naïve ultra-high-risk subjects and first-episode schizophrenia. <i>European Neuropsychopharmacology</i> , 2015, 25, 1661-1668.	0.3	22
2742	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
2743	Multi-level block permutation. <i>NeuroImage</i> , 2015, 123, 253-268.	2.1	212
2744	Deformation field correction for spatial normalization of PET images. <i>NeuroImage</i> , 2015, 119, 152-163.	2.1	4
2745	Assessing atrophy measurement techniques in dementia: Results from the MIRIAD atrophy challenge. <i>NeuroImage</i> , 2015, 123, 149-164.	2.1	63
2746	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
2747	Functional and structural brain correlates of risk for major depression in children with familial depression. <i>NeuroImage: Clinical</i> , 2015, 8, 398-407.	1.4	51
2748	Amygdalar volumetric correlates of social anxiety in offspring of parents with bipolar disorder. <i>Psychiatry Research - Neuroimaging</i> , 2015, 234, 252-258.	0.9	4
2749	Adolescent drinking and brain morphometry: A co-twin control analysis. <i>Developmental Cognitive Neuroscience</i> , 2015, 16, 130-138.	1.9	54
2750	Cortical thickness estimation in longitudinal stroke studies: A comparison of 3 measurement methods. <i>NeuroImage: Clinical</i> , 2015, 8, 526-535.	1.4	32
2751	Cortical morphometry and IQ in VLBW children without cerebral palsy born in 2003-2007. <i>NeuroImage: Clinical</i> , 2015, 8, 193-201.	1.4	35
2752	Functional Segregation of Parts of the "Sensorimotor Complex" of the Human Cerebral Cortex by Magnetoencephalography. <i>Neuroscience and Behavioral Physiology</i> , 2015, 45, 1068-1076.	0.2	0
2753	Extrastriate Visual Areas Integrate Form Features over Space and Time to Construct Representations of Stationary and Rigidly Rotating Objects. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 2158-2173.	1.1	8
2754	Computational Optimization and Statistical Methods for Big Data Analytics: Applications in Neuroimaging. , 2015, , 71-88.		7
2755	Is the Cortical Deficit in Amblyopia Due to Reduced Cortical Magnification, Loss of Neural Resolution, or Neural Disorganization?. <i>Journal of Neuroscience</i> , 2015, 35, 14740-14755.	1.7	60



#	ARTICLE	IF	CITATIONS
2756	The DTI connectivity of the human claustrum. <i>Human Brain Mapping</i> , 2015, 36, 827-838.	1.9	109
2757	Regional White Matter Variation Associated with Domain-specific Metacognitive Accuracy. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 440-452.	1.1	42
2758	Testing Group Differences in Brain Functional Connectivity: Using Correlations or Partial Correlations?. <i>Brain Connectivity</i> , 2015, 5, 214-231.	0.8	19
2759	Associations of Resting-State fMRI Functional Connectivity with Flow-BOLD Coupling and Regional Vasculature. <i>Brain Connectivity</i> , 2015, 5, 137-146.	0.8	54
2760	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
2761	Progressive Reduction in Cortical Thickness as Psychosis Develops: A Multisite Longitudinal Neuroimaging Study of Youth at Elevated Clinical Risk. <i>Biological Psychiatry</i> , 2015, 77, 147-157.	0.7	516
2762	Increased cortical thickness and altered functional connectivity of the right superior temporal gyrus in left-handers. <i>Neuropsychologia</i> , 2015, 67, 27-34.	0.7	16
2763	Individualized diffeomorphic mapping of brains with large cortical infarcts. <i>Magnetic Resonance Imaging</i> , 2015, 33, 110-123.	1.0	2
2764	Hippocampal volume, early cognitive decline and gait variability: Which association?. <i>Experimental Gerontology</i> , 2015, 61, 98-104.	1.2	57
2765	Discovering Schizophrenia Endophenotypes in Randomly Ascertained Pedigrees. <i>Biological Psychiatry</i> , 2015, 77, 75-83.	0.7	30
2766	Inter-hemispheric language functional reorganization in low-grade glioma patients after tumour surgery. <i>Cortex</i> , 2015, 64, 235-248.	1.1	37
2767	Reduction in the retinotopic early visual cortex with normal aging and magnitude of perceptual learning. <i>Neurobiology of Aging</i> , 2015, 36, 315-322.	1.5	19
2768	Probabilistic Maps of Visual Topography in Human Cortex. <i>Cerebral Cortex</i> , 2015, 25, 3911-3931.	1.6	546
2769	Saliency network and parahippocampal dopamine dysfunction in memory-impaired Parkinson disease. <i>Annals of Neurology</i> , 2015, 77, 269-280.	2.8	93
2770	Association between altered brain morphology and elevated peripheral endothelial markers " Implications for psychotic disorders. <i>Schizophrenia Research</i> , 2015, 161, 222-228.	1.1	23
2771	Child Neuroanatomical, Neurocognitive, and Visual Acuity Outcomes With Maternal Opioid and Polysubstance Detoxification. <i>Pediatric Neurology</i> , 2015, 52, 326-332.e3.	1.0	37
2772	Electrocorticography Reveals Enhanced Visual Cortex Responses to Visual Speech. <i>Cerebral Cortex</i> , 2015, 25, 4103-4110.	1.6	19
2773	Spontaneous mentalizing captures variability in the cortical thickness of social brain regions. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 327-334.	1.5	31

#	ARTICLE	IF	CITATIONS
2774	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
2775	The surface area of early visual cortex predicts the amplitude of the visual evoked potential. <i>Brain Structure and Function</i> , 2015, 220, 1229-1236.	1.2	6
2776	The neurobiology of speech perception decline in aging. <i>Brain Structure and Function</i> , 2015, 220, 979-997.	1.2	37
2777	Individual differences in regional prefrontal gray matter morphometry and fractional anisotropy are associated with different constructs of executive function. <i>Brain Structure and Function</i> , 2015, 220, 1291-1306.	1.2	67
2778	Gray & white matter tissue contrast differentiates Mild Cognitive Impairment converters from non-converters. <i>Brain Imaging and Behavior</i> , 2015, 9, 141-148.	1.1	26
2779	Cortical Thickness Changes Associated with Photoparoxysmal Response. <i>Brain Topography</i> , 2015, 28, 702-709.	0.8	10
2780	Observed, Executed, and Imagined Action Representations can be Decoded From Ventral and Dorsal Areas. <i>Cerebral Cortex</i> , 2015, 25, 3144-3158.	1.6	71
2781	Toward neurobiological characterization of functional homogeneity in the human cortex: regional variation, morphological association and functional covariance network organization. <i>Brain Structure and Function</i> , 2015, 220, 2485-2507.	1.2	110
2782	Gamma Oscillations Underlie the Maintenance of Feature-Specific Information and the Contents of Visual Working Memory. <i>Cerebral Cortex</i> , 2015, 25, 3788-3801.	1.6	121
2783	Brain anatomical substrates of mirror movements in Kallmann syndrome. <i>NeuroImage</i> , 2015, 104, 52-58.	2.1	10
2784	Task-dependent modulation of regions in the left temporal cortex during auditory sentence comprehension. <i>Neuroscience Letters</i> , 2015, 584, 351-355.	1.0	5
2785	Memory function and hippocampal volumes in preterm born very-low-birth-weight (VLBW) young adults. <i>NeuroImage</i> , 2015, 105, 76-83.	2.1	64
2786	Cerebral cortex involvement in Machado-Joseph disease. <i>European Journal of Neurology</i> , 2015, 22, 277.	1.7	46
2787	Global Cortical Thinning in Acute Anorexia Nervosa Normalizes Following Long-Term Weight Restoration. <i>Biological Psychiatry</i> , 2015, 77, 624-632.	0.7	140
2788	Brain morphometry on congenital hand deformities based on Teichmüller space theory. <i>CAD Computer Aided Design</i> , 2015, 58, 84-91.	1.4	3
2789	Regional quantification of cerebral venous oxygenation from MRI susceptibility during hypercapnia. <i>NeuroImage</i> , 2015, 104, 146-155.	2.1	42
2790	Sub-regional volumes changes of the corpus callosum in the drug naive patients with late-onset depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2015, 56, 46-51.	2.5	6
2791	Cortical thickness and surface area relate to specific symptoms in early relapsing/remitting multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2015, 21, 402-414.	1.4	79

#	ARTICLE	IF	CITATIONS
2792	Cognitive impairment and resting-state network connectivity in Parkinson's disease. <i>Human Brain Mapping</i> , 2015, 36, 199-212.	1.9	264
2793	Intraparietal Sulcus Activity and Functional Connectivity Supporting Spatial Working Memory Manipulation. <i>Cerebral Cortex</i> , 2015, 25, 1252-1264.	1.6	42
2794	The Prognostic Utility of MRI in Clinically Isolated Syndrome: A Literature Review. <i>American Journal of Neuroradiology</i> , 2015, 36, 425-431.	1.2	15
2795	Automatic and quantitative assessment of regional muscle volume by multi-atlas segmentation using whole-body water-fat MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 41, 1558-1569.	1.9	155
2796	Memory and Emotion Processing Performance Contributes to the Diagnosis of Non-Semantic Primary Progressive Aphasia Syndromes. <i>Journal of Alzheimer's Disease</i> , 2015, 44, 541-547.	1.2	42
2797	Assessment of Regional Gray Matter Loss in Dementia with Lewy Bodies: A Surface-Based MRI Analysis. <i>American Journal of Geriatric Psychiatry</i> , 2015, 23, 38-46.	0.6	31
2798	Perivascular spaces in MS patients at 7 Tesla MRI: A marker of neurodegeneration?. <i>Multiple Sclerosis Journal</i> , 2015, 21, 155-162.	1.4	50
2799	Experimental focal neocortical epilepsy is associated with reduced white matter volume growth: results from multiparametric MRI analysis. <i>Brain Structure and Function</i> , 2015, 220, 27-36.	1.2	4
2800	Direct diffusion-based parcellation of the human thalamus. <i>Brain Structure and Function</i> , 2015, 220, 1619-1635.	1.2	44
2801	Abnormalities in structural covariance of cortical gyrification in schizophrenia. <i>Brain Structure and Function</i> , 2015, 220, 2059-2071.	1.2	72
2802	Imaging changes associated with cognitive abnormalities in Parkinson's disease. <i>Brain Structure and Function</i> , 2015, 220, 2249-2261.	1.2	41
2803	Extrastriate projections in human optic radiation revealed by fMRI-informed tractography. <i>Brain Structure and Function</i> , 2015, 220, 2519-2532.	1.2	21
2804	Eye position modulates retinotopic responses in early visual areas: a bias for the straight-ahead direction. <i>Brain Structure and Function</i> , 2015, 220, 2587-2601.	1.2	20
2805	Organizing Principles of Human Cortical Development—Thickness and Area from 4 to 30 Years: Insights from Comparative Primate Neuroanatomy. <i>Cerebral Cortex</i> , 2016, 26, 257-267.	1.6	148
2806	Information-Theoretic Characterization of Brain Registration and Structure- Function Relationships. <i>Neuroscience and Biomedical Engineering</i> , 2016, 4, 140-147.	0.4	0
2807	Cortical thickness, volume and surface area in patients with bipolar disorder types I and II. <i>Journal of Psychiatry and Neuroscience</i> , 2016, 41, 240-250.	1.4	101
2808	Neuroimaging Promises and Caveats. , 2016, , .		0
2809	Individual Differences in the Alignment of Structural and Functional Markers of the V5/MT Complex in Primates. <i>Cerebral Cortex</i> , 2016, 26, 3928-3944.	1.6	35

#	ARTICLE	IF	CITATIONS
2810	Disembodied Mind: Cortical Changes Following Brainstem Injury in Patients with Locked-in Syndrome. Open Neuroimaging Journal, 2016, 10, 32-40.	0.2	8
2811	Metabotropic Glutamate Receptor Type 5 (mGluR5) Cortical Abnormalities in Focal Cortical Dysplasia Identified In Vivo With [ <sup>11</sup> C]ABP688 Positron-Emission Tomography (PET) Imaging. Cerebral Cortex, 2016, 26, 4170-4179.	1.6	22
2812	Pinpointing the peripheral bias in neural scene-processing networks during natural viewing. Journal of Vision, 2016, 16, 9.	0.1	22
2813	Responses in early visual areas to contour integration are context dependent. Journal of Vision, 2016, 16, 19.	0.1	14
2814	LOGISMOS. , 2016, , 179-208.		4
2815	Neuromuscular Plasticity: Disentangling Stable and Variable Motor Maps in the Human Sensorimotor Cortex. Neural Plasticity, 2016, 2016, 1-13.	1.0	33
2816	Predicting episodic memory performance using different biomarkers: results from Argentina-Alzheimer's Disease Neuroimaging Initiative. Neuropsychiatric Disease and Treatment, 2016, Volume 12, 2199-2206.	1.0	7
2817	Networks extending across dorsal and ventral visual pathways correlate with trajectory perception. Journal of Vision, 2016, 16, 21.	0.1	4
2818	Computer-Aided Diagnosis in Neuroimaging. , 0, , .		4
2819	A Non-parametric Approach to Detect Epileptogenic Lesions using Restricted Boltzmann Machines. , 2016, , .		6
2820	Does Congenital Deafness Affect the Structural and Functional Architecture of Primary Visual Cortex?. Open Neuroimaging Journal, 2016, 10, 1-19.	0.2	21
2821	Topological Properties of Large-Scale Cortical Networks Based on Multiple Morphological Features in Amnesic Mild Cognitive Impairment. Neural Plasticity, 2016, 2016, 1-14.	1.0	12
2822	The Right Hemisphere Planum Temporale Supports Enhanced Visual Motion Detection Ability in Deaf People: Evidence from Cortical Thickness. Neural Plasticity, 2016, 2016, 1-9.	1.0	43
2823	BrainK for Structural Image Processing: Creating Electrical Models of the Human Head. Computational Intelligence and Neuroscience, 2016, 2016, 1-25.	1.1	16
2824	An Effective Approach of Teeth Segmentation within the 3D Cone Beam Computed Tomography Image Based on Deformable Surface Model. Mathematical Problems in Engineering, 2016, 2016, 1-10.	0.6	2
2825	Prefrontal Cortical Thickness Deficit in Detoxified Alcohol-dependent Patients. Experimental Neurobiology, 2016, 25, 333-341.	0.7	14
2826	Fully automated morphological analysis of patients with obstructive sleep apnea. Turkish Journal of Medical Sciences, 2016, 46, 343-348.	0.4	5
2827	Preliminary Findings Show Maternal Hypothyroidism May Contribute to Abnormal Cortical Morphology in Offspring. Frontiers in Endocrinology, 2016, 7, 16.	1.5	31

#	ARTICLE	IF	CITATIONS
2828	Age Differences in Prefrontal Surface Area and Thickness in Middle Aged to Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 250.	1.7	33
2829	The Differentiation of Amnesic Type MCI from the Non-Amnesic Types by Structural MRI. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 52.	1.7	111
2830	Magnetic Resonance Imaging to Detect Early Molecular and Cellular Changes in Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 139.	1.7	31
2831	Impact of Long-Term Endurance Training vs. Guideline-Based Physical Activity on Brain Structure in Healthy Aging. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 155.	1.7	34
2832	Statistical Approaches for the Study of Cognitive and Brain Aging. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 176.	1.7	13
2833	Hippocampal Brain Volume Is Associated with Faster Facial Emotion Identification in Older Adults: Preliminary Results. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 203.	1.7	10
2834	Neuroanatomical Alterations in Tinnitus Assessed with Magnetic Resonance Imaging. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 221.	1.7	43
2835	Inferior Prefrontal Cortex Mediates the Relationship between Phosphatidylcholine and Executive Functions in Healthy, Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 226.	1.7	11
2836	Age-Dependent Cortical Thinning of Peripheral Visual Field Representations in Primary Visual Cortex. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 248.	1.7	8
2837	Parahippocampal Cortex Mediates the Relationship between Lutein and Crystallized Intelligence in Healthy, Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 297.	1.7	23
2838	Longitudinal Changes in Depressive Circuitry in Response to Neuromodulation Therapy. <i>Frontiers in Neural Circuits</i> , 2016, 10, 50.	1.4	55
2839	Surface-Based Morphometry of Cortical Thickness and Surface Area Associated with Heschl's Gyri Duplications in 430 Healthy Volunteers. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 69.	1.0	30
2840	Connectomic and Surface-Based Morphometric Correlates of Acute Mild Traumatic Brain Injury. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 127.	1.0	31
2841	Amygdala Regulation Following fMRI-Neurofeedback without Instructed Strategies. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 183.	1.0	45
2842	Comparing Aging and Fitness Effects on Brain Anatomy. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 286.	1.0	29
2843	Aerobic Fitness Linked to Cortical Brain Development in Adolescent Males: Preliminary Findings Suggest a Possible Role of BDNF Genotype. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 327.	1.0	27
2844	Normal Evoked Response to Rapid Sequences of Tactile Pulses in Autism Spectrum Disorders. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 433.	1.0	7
2845	Brain Changes in Responders vs. Non-Responders in Chronic Migraine: Markers of Disease Reversal. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 497.	1.0	47

#	ARTICLE	IF	CITATIONS
2846	Prediction Signatures in the Brain: Semantic Pre-Activation during Language Comprehension. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 591.	1.0	48
2847	Distinct Neural Substrates for Maintaining Locations and Spatial Relations in Working Memory. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 594.	1.0	14
2848	Altered Onset Response Dynamics in Somatosensory Processing in Autism Spectrum Disorder. <i>Frontiers in Neuroscience</i> , 2016, 10, 255.	1.4	15
2849	Inter-Method Discrepancies in Brain Volume Estimation May Drive Inconsistent Findings in Autism. <i>Frontiers in Neuroscience</i> , 2016, 10, 439.	1.4	35
2850	Sources of Variation Influencing Concordance between Functional MRI and Direct Cortical Stimulation in Brain Tumor Surgery. <i>Frontiers in Neuroscience</i> , 2016, 10, 461.	1.4	20
2851	Cortical surface parcellation via dMRI using mutual nearest neighbor condition. , 2016, , .		5
2852	Multiclass Classification for the Differential Diagnosis on the ADHD Subtypes Using Recursive Feature Elimination and Hierarchical Extreme Learning Machine: Structural MRI Study. <i>PLoS ONE</i> , 2016, 11, e0160697.	1.1	78
2853	Stimulation-Based Control of Dynamic Brain Networks. <i>PLoS Computational Biology</i> , 2016, 12, e1005076.	1.5	234
2854	Robustness of Automated Methods for Brain Volume Measurements across Different MRI Field Strengths. <i>PLoS ONE</i> , 2016, 11, e0165719.	1.1	83
2855	Spontaneous Decoding of the Timing and Content of Human Object Perception from Cortical Surface Recordings Reveals Complementary Information in the Event-Related Potential and Broadband Spectral Change. <i>PLoS Computational Biology</i> , 2016, 12, e1004660.	1.5	74
2856	Radial Frequency Analysis of Contour Shapes in the Visual Cortex. <i>PLoS Computational Biology</i> , 2016, 12, e1004719.	1.5	14
2857	Predicting Progression from Mild Cognitive Impairment to Alzheimer's Dementia Using Clinical, MRI, and Plasma Biomarkers via Probabilistic Pattern Classification. <i>PLoS ONE</i> , 2016, 11, e0138866.	1.1	157
2858	Surface-Based Analyses of Anatomical Properties of the Visual Cortex in Macular Degeneration. <i>PLoS ONE</i> , 2016, 11, e0146684.	1.1	34
2859	Abdominal Pain, the Adolescent and Altered Brain Structure and Function. <i>PLoS ONE</i> , 2016, 11, e0156545.	1.1	50
2860	Cortical Morphology Differences in Subjects at Increased Vulnerability for Developing a Psychotic Disorder: A Comparison between Subjects with Ultra-High Risk and 22q11.2 Deletion Syndrome. <i>PLoS ONE</i> , 2016, 11, e0159928.	1.1	23
2861	Patterns of Individual Variation in Visual Pathway Structure and Function in the Sighted and Blind. <i>PLoS ONE</i> , 2016, 11, e0164677.	1.1	38
2862	Structural Differences in Insular Cortex Reflect Vicarious Injustice Sensitivity. <i>PLoS ONE</i> , 2016, 11, e0167538.	1.1	8
2863	Grey Matter Microstructural Integrity Alterations in Blepharospasm Are Partially Reversed by Botulinum Neurotoxin Therapy. <i>PLoS ONE</i> , 2016, 11, e0168652.	1.1	13

#	ARTICLE	IF	CITATIONS
2864	Differential Responses to a Visual Self-Motion Signal in Human Medial Cortical Regions Revealed by Wide-View Stimulation. <i>Frontiers in Psychology</i> , 2016, 7, 309.	1.1	28
2865	A New Measure of Imagination Ability: Anatomical Brain Imaging Correlates. <i>Frontiers in Psychology</i> , 2016, 7, 496.	1.1	24
2866	Characterization of the Fiber Connectivity Profile of the Cerebral Cortex in Schizotypal Personality Disorder: A Pilot Study. <i>Frontiers in Psychology</i> , 2016, 7, 809.	1.1	7
2867	Childhood Trauma and COMT Genotype Interact to Increase Hippocampal Activation in Resilient Individuals. <i>Frontiers in Psychiatry</i> , 2016, 7, 156.	1.3	40
2868	Globally Efficient Brain Organization and Treatment Response in Psychosis: A Connectomic Study of Gyrification. <i>Schizophrenia Bulletin</i> , 2016, 42, 1446-1456.	2.3	47
2869	Altered Topology in Information Processing of a Narrated Story in Older Adults with Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2016, 53, 517-533.	1.2	6
2870	Evidence of altered membrane phospholipid metabolism in the anterior cingulate cortex and striatum of patients with bipolar disorder I: A multi-voxel 1H MRS study. <i>Journal of Psychiatric Research</i> , 2016, 81, 48-55.	1.5	23
2871	Dopaminergic system and dream recall: An MRI study in Parkinson's disease patients. <i>Human Brain Mapping</i> , 2016, 37, 1136-1147.	1.9	36
2872	Smile and laughter elicited by electrical stimulation of the frontal operculum. <i>Neuropsychologia</i> , 2016, 89, 364-370.	0.7	32
2873	Structural brain correlates of cognitive and behavioral impairment in <scp>MND</scp>. <i>Human Brain Mapping</i> , 2016, 37, 1614-1626.	1.9	84
2874	NATURALISTIC COURSE OF MAJOR DEPRESSIVE DISORDER PREDICTED BY CLINICAL AND STRUCTURAL NEUROIMAGING DATA: A 5-YEAR FOLLOW-UP. <i>Depression and Anxiety</i> , 2016, 33, 1055-1064.	2.0	19
2875	From evoked potentials to cortical currents: Resolving V1 and V2 components using retinotopy constrained source estimation without fMRI. <i>Human Brain Mapping</i> , 2016, 37, 1696-1709.	1.9	7
2876	Effects of change in FreeSurfer version on classification accuracy of patients with Alzheimer's disease and mild cognitive impairment. <i>Human Brain Mapping</i> , 2016, 37, 1831-1841.	1.9	30
2877	Postmortem validation of MRI cortical volume measurements in MS. <i>Human Brain Mapping</i> , 2016, 37, 2223-2233.	1.9	31
2878	A surface-based technique for mapping homotopic interhemispheric connectivity: Development, characterization, and clinical application. <i>Human Brain Mapping</i> , 2016, 37, 2849-2868.	1.9	12
2879	Substrates of metacognition on perception and metacognition on higher-order cognition relate to different subsystems of the mentalizing network. <i>Human Brain Mapping</i> , 2016, 37, 3388-3399.	1.9	38
2880	Perceived communicative intent in gesture and language modulates the superior temporal sulcus. <i>Human Brain Mapping</i> , 2016, 37, 3444-3461.	1.9	37
2881	Increased Surface Area, but not Cortical Thickness, in a Subset of Young Boys With Autism Spectrum Disorder. <i>Autism Research</i> , 2016, 9, 232-248.	2.1	66

#	ARTICLE	IF	CITATIONS
2882	Cortical morphometry in frontoparietal and default mode networks in math-gifted adolescents. <i>Human Brain Mapping</i> , 2016, 37, 1893-1902.	1.9	16
2883	Combining multiple anatomical MRI measures improves Alzheimer's disease classification. <i>Human Brain Mapping</i> , 2016, 37, 1920-1929.	1.9	53
2884	Brain structural connectivity distinguishes patients at risk for cognitive decline after carotid interventions. <i>Human Brain Mapping</i> , 2016, 37, 2185-2194.	1.9	9
2885	Negative and interactive effects of sex, aging, and alcohol abuse on gray matter morphometry. <i>Human Brain Mapping</i> , 2016, 37, 2276-2292.	1.9	52
2886	Hippocampal volume reduction is associated with intellectual functions in adolescents with congenital heart disease. <i>Pediatric Research</i> , 2016, 80, 531-537.	1.1	43
2887	Comparison of automated brain volumetry methods with stereology in children aged 2 to 3 years. <i>Neuroradiology</i> , 2016, 58, 901-910.	1.1	14
2888	Subtle in-scanner motion biases automated measurement of brain anatomy from in vivo MRI. <i>Human Brain Mapping</i> , 2016, 37, 2385-2397.	1.9	154
2889	Accelerated longitudinal gray/white matter contrast decline in aging in lightly myelinated cortical regions. <i>Human Brain Mapping</i> , 2016, 37, 3669-3684.	1.9	40
2890	A longitudinal study of pain, personality, and brain plasticity following peripheral nerve injury. <i>Pain</i> , 2016, 157, 729-739.	2.0	30
2891	Investigating the Stability of Fine-Grain Digit Somatotopy in Individual Human Participants. <i>Journal of Neuroscience</i> , 2016, 36, 1113-1127.	1.7	102
2892	Cortical thickness and surface area correlates with cognitive dysfunction among first-episode psychosis patients. <i>Psychological Medicine</i> , 2016, 46, 2145-2155.	2.7	14
2893	Factors to consider when applying transcranial magnetic stimulation of dorsolateral prefrontal cortex when resting motor threshold is asymmetric: A case study. <i>Bioelectromagnetics</i> , 2016, 37, 130-135.	0.9	2
2894	PTSD REMISSION AFTER PROLONGED EXPOSURE TREATMENT IS ASSOCIATED WITH ANTERIOR CINGULATE CORTEX THINNING AND VOLUME REDUCTION. <i>Depression and Anxiety</i> , 2016, 33, 384-391.	2.0	34
2895	The development of brain network architecture. <i>Human Brain Mapping</i> , 2016, 37, 717-729.	1.9	58
2896	Sex differences in amygdala shape: Insights from Turner syndrome. <i>Human Brain Mapping</i> , 2016, 37, 1593-1601.	1.9	12
2897	Development and aging of superficial white matter myelin from young adulthood to old age: Mapping by vertex-based surface statistics (VBSS). <i>Human Brain Mapping</i> , 2016, 37, 1759-1769.	1.9	35
2898	Early silent microstructural degeneration and atrophy of the thalamocortical network in multiple sclerosis. <i>Human Brain Mapping</i> , 2016, 37, 1866-1879.	1.9	55
2899	Neural correlates of context-dependent feature conjunction learning in visual search tasks. <i>Human Brain Mapping</i> , 2016, 37, 2319-2330.	1.9	12



#	ARTICLE	IF	CITATIONS
2900	LSD alters eyesâ€closed functional connectivity within the early visual cortex in a retinotopic fashion. <i>Human Brain Mapping</i> , 2016, 37, 3031-3040.	1.9	42
2901	Clinical and biomarker profiling of prodromal Alzheimer's disease in workpackage 5 of the Innovative Medicines Initiative PharmaCog project: a â€European <sc>ADNI</sc> studyâ€™. <i>Journal of Internal Medicine</i> , 2016, 279, 576-591.	2.7	64
2902	MRI Texture Analysis Reveals Deep Gray Nuclei Damage in Amyotrophic Lateral Sclerosis. <i>Journal of Neuroimaging</i> , 2016, 26, 201-206.	1.0	29
2903	Structural brain alterations in primary open angle glaucoma: a 3T MRI study. <i>Scientific Reports</i> , 2016, 6, 18969.	1.6	75
2904	Early Preferential Responses to Fear Stimuli in Human Right Dorsal Visual Stream - A Meg Study. <i>Scientific Reports</i> , 2016, 6, 24831.	1.6	27
2905	Abnormalities in left inferior frontal gyral thickness and parahippocampal gyral volume in young people at high genetic risk for bipolar disorder. <i>Psychological Medicine</i> , 2016, 46, 2083-2096.	2.7	25
2906	Brainlesion: Glioma, Multiple Sclerosis, Stroke and Traumatic Brain Injuries. <i>Lecture Notes in Computer Science</i> , 2016, , .	1.0	15
2907	Real-Time Control of a Neuroprosthetic Hand by Magnetoencephalographic Signals from Paralysed Patients. <i>Scientific Reports</i> , 2016, 6, 21781.	1.6	44
2908	Disrupted Topological Patterns of Large-Scale Network in Conduct Disorder. <i>Scientific Reports</i> , 2016, 6, 37053.	1.6	16
2909	Dopamine D <sub>1</sub> signaling organizes network dynamics underlying working memory. <i>Science Advances</i> , 2016, 2, e1501672.	4.7	59
2910	Active Cigarette Smoking inâ€Cognitively-Normal Elders and Probable Alzheimerâ€™s Disease is Associated with Elevated Cerebrospinal Fluid Oxidative Stress Biomarkers. <i>Journal of Alzheimer's Disease</i> , 2016, 54, 99-107.	1.2	23
2911	Introduction to Research in Magnetic Resonance Imaging. , 2016, , .		6
2912	New Probabilistic Multi-graph Decomposition Model to Identify Consistent Human Brain Network Modules. , 2016, 2016, 301-310.		1
2913	Visual-vestibular processing in the human Sylvian fissure. <i>Journal of Neurophysiology</i> , 2016, 116, 263-271.	0.9	64
2914	Estimation of gait parameters from EEG source oscillations. , 2016, , .		1
2915	Multiple markers of cortical morphology reveal evidence of supragranular thinning in schizophrenia. <i>Translational Psychiatry</i> , 2016, 6, e780-e780.	2.4	50
2916	Increased functional connectivity common to symptomatic amyotrophic lateral sclerosis and those at genetic risk. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, 580-588.	0.9	82
2917	Insular atrophy and diminished disgust reactivity.. <i>Emotion</i> , 2016, 16, 903-912.	1.5	35

#	ARTICLE	IF	CITATIONS
2918	Multivariate autoregressive model constrained by anatomical connectivity to reconstruct focal sources. , 2016, 2016, 4067-4070.		3
2919	Discrete Optimisation for Group-Wise Cortical Surface Atlasing. , 2016, , .		2
2920	Neuroimaging evidence of deficient axon myelination in Wolfram syndrome. Scientific Reports, 2016, 6, 21167.	1.6	28
2921	Sub-voxel refinement method for tissue boundary conductivities in volume conductor models. , 2016, , .		1
2922	Distinct Patterns of Cerebral Cortical Thinning in Schizophrenia: A Neuroimaging Data-Driven Approach. Schizophrenia Bulletin, 2017, 43, sbw176.	2.3	35
2923	Functional Maps for Brain Classification on Spectral Domain. Lecture Notes in Computer Science, 2016, , 25-36.	1.0	1
2924	Spatiotemporal Dynamics of Attention Networks Revealed by Representational Similarity Analysis of EEG and fMRI. Cerebral Cortex, 2016, 28, 549-560.	1.6	28
2925	Neural predictors of alcohol use and psychopathology symptoms in adolescents. Development and Psychopathology, 2016, 28, 1209-1216.	1.4	44
2926	Cognitive reserve lessens the burden of white matter lesions on executive functions in bipolar disorder. Psychological Medicine, 2016, 46, 3095-3104.	2.7	10
2927	Using deep belief network modelling to characterize differences in brain morphometry in schizophrenia. Scientific Reports, 2016, 6, 38897.	1.6	135
2928	Thresholds of central nervous system stimulation at intermediate frequencies. , 2016, , .		1
2929	The Organization of Mouse and Human Cortico-Hippocampal Networks Estimated by Intrinsic Functional Connectivity. Cerebral Cortex, 2016, 26, 4497-4512.	1.6	75
2930	Learning to distinguish cerebral vasculature data from mechanical chatter in India-ink images acquired using knife-edge scanning microscopy. , 2016, 2016, 3989-3992.		0
2931	Longitudinal imaging in C9orf72 mutation carriers: Relationship to phenotype. NeuroImage: Clinical, 2016, 12, 1035-1043.	1.4	64
2932	The association between intra- and juxta-cortical pathology and cognitive impairment in multiple sclerosis by quantitative T2 * mapping at 7 T MRI. NeuroImage: Clinical, 2016, 12, 879-886.	1.4	27
2933	Multistructure brain registration using multimodal neuroimaging for the detection of Alzheimer's disease. , 2016, , .		2
2934	Increased activity in frontal motor cortex compensates impaired speech perception in older adults. Nature Communications, 2016, 7, 12241.	5.8	139
2935	Enabling Data Storage and Availability of Multimodal Neuroimaging Studiesâ€”A NoSQL Based Solution. Advances in Intelligent Systems and Computing, 2016, , 107-116.	0.5	1

#	ARTICLE	IF	CITATIONS
2936	Altered Gray Matter in Adolescents with d-Transposition of the Great Arteries. <i>Journal of Pediatrics</i> , 2016, 169, 36-43.e1.	0.9	29
2937	Combining multi-atlas segmentation with brain surface estimation. <i>Proceedings of SPIE</i> , 2016, 9784, .	0.8	18
2938	Reduced frontal cortex thickness and cortical volume associated with pathological narcissism. <i>Neuroscience</i> , 2016, 328, 50-57.	1.1	22
2939	Integrated analysis of gray and white matter alterations in attention-deficit/hyperactivity disorder. <i>NeuroImage: Clinical</i> , 2016, 11, 357-367.	1.4	43
2940	White matter hyperintensities are more highly associated with preclinical Alzheimer's disease than imaging and cognitive markers of neurodegeneration. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2016, 4, 18-27.	1.2	71
2941	Meeting physical activity recommendations may be protective against temporal lobe atrophy in older adults at risk for Alzheimer's disease. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2016, 4, 14-17.	1.2	27
2942	Blood glucose levels and cortical thinning in cognitively normal, middle-aged adults. <i>Journal of the Neurological Sciences</i> , 2016, 365, 89-95.	0.3	22
2943	A multivariate nonlinear mixed effects model for longitudinal image analysis: Application to amyloid imaging. <i>NeuroImage</i> , 2016, 134, 658-670.	2.1	68
2944	Neural sensitivity to syllable frequency and mutual information in speech perception and production. <i>NeuroImage</i> , 2016, 136, 106-121.	2.1	18
2945	Cortical thinning of parahippocampal subregions in very early Alzheimer's disease. <i>Neurobiology of Aging</i> , 2016, 38, 188-196.	1.5	49
2946	Subject-level measurement of local cortical coupling. <i>NeuroImage</i> , 2016, 133, 88-97.	2.1	23
2947	Dynamic cerebral reorganization in the pathophysiology of schizophrenia: a MRI-derived cortical thickness study. <i>Psychological Medicine</i> , 2016, 46, 2201-2214.	2.7	37
2948	Differential compromise of prospective and retrospective metamemory monitoring and their dissociable structural brain correlates. <i>Cortex</i> , 2016, 81, 192-202.	1.1	18
2949	Structural alterations of the superior temporal gyrus in schizophrenia: Detailed subregional differences. <i>European Psychiatry</i> , 2016, 35, 25-31.	0.1	47
2950	Greater hippocampal volume is associated with PTSD treatment response. <i>Psychiatry Research - Neuroimaging</i> , 2016, 252, 36-39.	0.9	50
2951	Reproducibility and variability of quantitative magnetic resonance imaging markers in cerebral small vessel disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 1319-1337.	2.4	80
2952	Electric fields of motor and frontal tDCS in a standard brain space: A computer simulation study. <i>NeuroImage</i> , 2016, 137, 140-151.	2.1	113
2953	No progressive brain changes during a 1-year follow-up of patients with first-episode psychosis. <i>Psychological Medicine</i> , 2016, 46, 589-598.	2.7	46

#	ARTICLE	IF	CITATIONS
2954	Concordant Patterns of Brain Structure in Mothers with Recurrent Depression and Their Never-Depressed Daughters. <i>Developmental Neuroscience</i> , 2016, 38, 115-123.	1.0	24
2955	Cognitive and anatomical data in a healthy cohort of adults. <i>Data in Brief</i> , 2016, 7, 1221-1227.	0.5	1
2956	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
2957	Correction for diffusion MRI fibre tracking biases: The consequences for structural connectomic metrics. <i>NeuroImage</i> , 2016, 142, 150-162.	2.1	65
2958	Subcortical volume changes in dementia with Lewy bodies and Alzheimer's disease. A comparison with healthy aging. <i>International Psychogeriatrics</i> , 2016, 28, 529-536.	0.6	31
2959	Random number generation deficits in patients with multiple sclerosis: Characteristics and neural correlates. <i>Cortex</i> , 2016, 82, 237-243.	1.1	12
2960	Extensive training leads to temporal and spatial shifts of cortical activity underlying visual category selectivity. <i>NeuroImage</i> , 2016, 134, 22-34.	2.1	9
2961	Evaluation of software tools for automated identification of neuroanatomical structures in quantitative $^{12}$ I-amyloid PET imaging to diagnose Alzheimer's disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 1077-1087.	3.3	32
2962	Sensory migraine aura is not associated with structural grey matter abnormalities. <i>NeuroImage: Clinical</i> , 2016, 11, 322-327.	1.4	42
2963	Disorganized attachment in infancy predicts greater amygdala volume in adulthood. <i>Behavioural Brain Research</i> , 2016, 308, 83-93.	1.2	110
2964	Increased body mass index is associated with specific regional alterations in brain structure. <i>International Journal of Obesity</i> , 2016, 40, 1177-1182.	1.6	107
2965	The Disconnected Brain and Executive Function Decline in Aging. <i>Cerebral Cortex</i> , 2017, 27, bhw082.	1.6	130
2966	LSD modulates music-induced imagery via changes in parahippocampal connectivity. <i>European Neuropsychopharmacology</i> , 2016, 26, 1099-1109.	0.3	95
2967	Fundamentally Distributed Information Processing Integrates the Motor Network into the Mental Workspace during Mental Rotation. <i>Journal of Cognitive Neuroscience</i> , 2016, 28, 1139-1151.	1.1	1
2968	Quantitative MRI of the spinal cord and brain in adrenomyeloneuropathy: <i>in vivo</i> assessment of structural changes. <i>Brain</i> , 2016, 139, 1735-1746.	3.7	44
2969	Longitudinal development of frontoparietal activity during feedback learning: Contributions of age, performance, working memory and cortical thickness. <i>Developmental Cognitive Neuroscience</i> , 2016, 19, 211-222.	1.9	54
2970	Comprehensive cortical thickness and surface area comparison between young Uyghur and Han Chinese cohorts. <i>Magnetic Resonance Imaging</i> , 2016, 34, 1043-1049.	1.0	0
2971	Determinants of iron accumulation in the normal aging brain. <i>Neurobiology of Aging</i> , 2016, 43, 149-155.	1.5	59

#	ARTICLE	IF	CITATIONS
2972	Limited microstructural and connectivity deficits despite subcortical volume reductions in school-aged children born preterm with very low birth weight. <i>NeuroImage</i> , 2016, 130, 24-34.	2.1	32
2973	Structural and functional correlates of motor imagery BCI performance: Insights from the patterns of fronto-parietal attention network. <i>NeuroImage</i> , 2016, 134, 475-485.	2.1	90
2974	Cortical thickness in symptomatic and asymptomatic bipolar offspring. <i>Psychiatry Research - Neuroimaging</i> , 2016, 251, 26-33.	0.9	22
2975	Cortical thickness and emotion processing in young adults with mild to moderate depression: a preliminary study. <i>BMC Psychiatry</i> , 2016, 16, 38.	1.1	29
2976	Linking pattern completion in the hippocampus to predictive coding in visual cortex. <i>Nature Neuroscience</i> , 2016, 19, 665-667.	7.1	196
2977	Relationship Between Cortical Gyrfication, White Matter Connectivity, and Autism Spectrum Disorder. <i>Cerebral Cortex</i> , 2016, 26, 3297-3309.	1.6	75
2978	Impaired renal function is associated with brain atrophy and poststroke cognitive decline. <i>Neurology</i> , 2016, 86, 1996-2005.	1.5	22
2979	Regional Variations in Brain Gyrfication Are Associated with General Cognitive Ability in Humans. <i>Current Biology</i> , 2016, 26, 1301-1305.	1.8	81
2980	Frontal preparatory neural oscillations associated with cognitive control: A developmental study comparing young adults and adolescents. <i>NeuroImage</i> , 2016, 136, 139-148.	2.1	27
2981	Quantitative mapping of cerebrovascular reactivity using resting-state BOLD fMRI: Validation in healthy adults. <i>NeuroImage</i> , 2016, 138, 147-163.	2.1	84
2982	Sentence understanding depends on contextual use of semantic and real world knowledge. <i>NeuroImage</i> , 2016, 136, 10-25.	2.1	8
2983	Cortical atrophy in patients with cerebral amyloid angiopathy: a case-control study. <i>Lancet Neurology</i> , The, 2016, 15, 811-819.	4.9	96
2984	Relationship of metabolic and endocrine parameters to brain glucose metabolism in older adults: do cognitively-normal older adults have a particular metabolic phenotype?. <i>Biogerontology</i> , 2016, 17, 241-255.	2.0	20
2985	Gray Matter Characteristics in Mid and Old Aged Adults with ASD. <i>Journal of Autism and Developmental Disorders</i> , 2016, 46, 2666-2678.	1.7	25
2986	Dynamic relationships between age, amyloid- $\beta^2$ deposition, and glucose metabolism link to the regional vulnerability to Alzheimer's disease. <i>Brain</i> , 2016, 139, 2275-2289.	3.7	75
2987	Low SNR in Diffusion MRI Models. <i>Journal of the American Statistical Association</i> , 2016, 111, 1480-1490.	1.8	13
2988	Uncovering cortico-striatal correlates of cognitive fatigue in pediatric acquired brain disorder: Evidence from traumatic brain injury. <i>Cortex</i> , 2016, 83, 222-230.	1.1	16
2989	Lack of Gender-Related Differences in Childhood-Onset Schizophrenia. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2016, 55, 792-799.	0.3	17

#	ARTICLE	IF	CITATIONS
2990	Intracortical depth analyses of frequency-sensitive regions of human auditory cortex using 7T fMRI. <i>NeuroImage</i> , 2016, 143, 116-127.	2.1	46
2991	Fast and sequence-adaptive whole-brain segmentation using parametric Bayesian modeling. <i>NeuroImage</i> , 2016, 143, 235-249.	2.1	101
2992	Heterogeneity of trans-callosal structural connectivity and effects on resting state subnetwork integrity may underlie both wanted and unwanted effects of therapeutic corpus callostomy. <i>NeuroImage: Clinical</i> , 2016, 12, 341-347.	1.4	6
2993	Brain development in adolescents at ultra-high risk for psychosis: Longitudinal changes related to resilience. <i>NeuroImage: Clinical</i> , 2016, 12, 542-549.	1.4	43
2994	Subcortical gray matter changes in transgender subjects after long-term cross-sex hormone administration. <i>Psychoneuroendocrinology</i> , 2016, 74, 371-379.	1.3	46
2995	Measurement of cortical thickness asymmetry in carotid occlusive disease. <i>NeuroImage: Clinical</i> , 2016, 12, 640-644.	1.4	10
2996	The association of antipsychotic medication and lithium with brain measures in patients with bipolar disorder. <i>European Neuropsychopharmacology</i> , 2016, 26, 1741-1751.	0.3	63
2997	Age and DRD4 Genotype Moderate Associations Between Stimulant Treatment History and Cortex Structure in Attention-Deficit/Hyperactivity Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2016, 55, 877-885.e3.	0.3	7
2998	Differential tinnitus-related neuroplastic alterations of cortical thickness and surface area. <i>Hearing Research</i> , 2016, 342, 1-12.	0.9	47
2999	Assessing Variations in Areal Organization for the Intrinsic Brain: From Fingerprints to Reliability. <i>Cerebral Cortex</i> , 2016, 26, 4192-4211.	1.6	82
3000	Neurofeedback and Creativity in Interceptive Human Movement: A Theoretical Model for Neurocybernetics Based Kinaesthetic Multimodal Learning Agent. , 2016, , .		0
3001	Statistical Analysis of fMRI Data. <i>Neuroinformatics</i> , 2016, , 183-239.	0.2	1
3002	Adolescent cortical thickness pre- and post marijuana and alcohol initiation. <i>Neurotoxicology and Teratology</i> , 2016, 57, 20-29.	1.2	43
3003	Whole-brain analysis reveals increased neuroanatomical asymmetries in dementia for hippocampus and amygdala. <i>Brain</i> , 2016, 139, 3253-3266.	3.7	116
3004	Neuropil Pruning in Early-Course Schizophrenia: Immunological, Clinical, and Neurocognitive Correlates. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2016, 1, 528-538.	1.1	12
3005	Cortical thickness in relation to clinical symptom onset in preclinical AD. <i>NeuroImage: Clinical</i> , 2016, 12, 116-122.	1.4	55
3006	Reconstruction of brain activity in EEG/MEG using reduced-rank nulling spatial filter. , 2016, , .		1
3007	Impact of Visual Corticostriatal Loop Disruption on Neural Processing within the Parahippocampal Place Area. <i>Journal of Neuroscience</i> , 2016, 36, 10456-10471.	1.7	9

#	ARTICLE	IF	CITATIONS
3008	A general benevolence dimension that links neural, psychological, economic, and life-span data on altruistic tendencies.. Journal of Experimental Psychology: General, 2016, 145, 1351-1358.	1.5	100
3009	Diffusion Tensor Imaging (DTI) and Tractography. Studies in Neuroscience, Psychology and Behavioral Economics, 2016, , 411-442.	0.1	2
3010	Obesity associated with increased brain age from midlife. Neurobiology of Aging, 2016, 47, 63-70.	1.5	181
3011	Mapping the structural organization of the brain in conduct disorder: replication of findings in two independent samples. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2016, 57, 1018-1026.	3.1	14
3012	How do parcellation size and short-range connectivity affect dynamics in large-scale brain network models?. NeuroImage, 2016, 142, 135-149.	2.1	103
3013	Repeated movie viewings produce similar local activity patterns but different network configurations. NeuroImage, 2016, 142, 613-627.	2.1	24
3014	Global Visual Motion Sensitivity: Associations with Parietal Area and Children's Mathematical Cognition. Journal of Cognitive Neuroscience, 2016, 28, 1897-1908.	1.1	30
3015	Connectivity precedes function in the development of the visual word form area. Nature Neuroscience, 2016, 19, 1250-1255.	7.1	308
3016	Tracking cognitive processing stages with MEG: A spatio-temporal model of associative recognition in the brain. NeuroImage, 2016, 141, 416-430.	2.1	17
3017	Structural brain abnormalities in a single gene disorder associated with epilepsy, language impairment and intellectual disability. NeuroImage: Clinical, 2016, 12, 655-665.	1.4	22
3018	Neural speech recognition: continuous phoneme decoding using spatiotemporal representations of human cortical activity. Journal of Neural Engineering, 2016, 13, 056004.	1.8	74
3019	A human neurodevelopmental model for Williams syndrome. Nature, 2016, 536, 338-343.	13.7	166
3020	Cortical thinning in drug-naive Parkinson's disease patients with depression. Journal of Neurology, 2016, 263, 2114-2119.	1.8	27
3021	White matter correlates of episodic memory encoding and retrieval in schizophrenia. Psychiatry Research - Neuroimaging, 2016, 254, 188-198.	0.9	11
3022	Illusory conjunctions in visual short-term memory: Individual differences in corpus callosum connectivity and splitting attention between the two hemifields. Psychophysiology, 2016, 53, 1639-1650.	1.2	6
3023	The Face-Processing Network Is Resilient to Focal Resection of Human Visual Cortex. Journal of Neuroscience, 2016, 36, 8425-8440.	1.7	49
3024	Altered Integration of Structural Covariance Networks in Young Children With Type 1 Diabetes. Human Brain Mapping, 2016, 37, 4034-4046.	1.9	23
3025	Motor Circuit Anatomy in Children with Autism Spectrum Disorder With or Without Attention Deficit Hyperactivity Disorder. Autism Research, 2016, 9, 67-81.	2.1	59

#	ARTICLE	IF	CITATIONS
3026	The cumulative effect of genetic polymorphisms on depression and brain structural integrity. <i>Human Brain Mapping</i> , 2016, 37, 2173-2184.	1.9	12
3027	Intracortical myelination in musicians with absolute pitch: Quantitative morphometry using 7T MRI. <i>Human Brain Mapping</i> , 2016, 37, 3486-3501.	1.9	33
3028	Resting-state connectivity predicts levodopa-induced dyskinesias in Parkinson's disease. <i>Movement Disorders</i> , 2016, 31, 521-529.	2.2	53
3029	Volumetric and fiber-tracing MRI methods for gray and white matter. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2016, 135, 39-60.	1.0	13
3030	Premonitory urges are associated with decreased grey matter thickness within the insula and sensorimotor cortex in young people with Tourette syndrome. <i>Journal of Neuropsychology</i> , 2016, 10, 143-153.	0.6	68
3031	Age-Related Cortical Thickness Reduction in Non-Demented Down's Syndrome Subjects. <i>Journal of Neuroimaging</i> , 2016, 26, 95-102.	1.0	17
3032	Resting-State Functional MR Imaging for Determining Language Laterality in Intractable Epilepsy. <i>Radiology</i> , 2016, 281, 264-269.	3.6	25
3033	The timing and precision of action prediction in the aging brain. <i>Human Brain Mapping</i> , 2016, 37, 54-66.	1.9	13
3034	Cortical localization of phase and amplitude dynamics predicting access to somatosensory awareness. <i>Human Brain Mapping</i> , 2016, 37, 311-326.	1.9	25
3035	Areas activated during naturalistic reading comprehension overlap topological visual, auditory, and somatotomotor maps. <i>Human Brain Mapping</i> , 2016, 37, 2784-2810.	1.9	30
3036	Dense, shape-optimized posterior 32-channel coil for submillimeter functional imaging of visual cortex at 3T. <i>Magnetic Resonance in Medicine</i> , 2016, 76, 321-328.	1.9	10
3037	Alcohol Hits You When It Is Hard: Intoxication, Task Difficulty, and Theta Brain Oscillations. <i>Alcoholism: Clinical and Experimental Research</i> , 2016, 40, 743-752.	1.4	22
3038	Cortical thickness in bipolar disorder: a systematic review. <i>Bipolar Disorders</i> , 2016, 18, 4-18.	1.1	175
3039	Altered anterior-posterior connectivity through the arcuate fasciculus in temporal lobe epilepsy. <i>Human Brain Mapping</i> , 2016, 37, 4425-4438.	1.9	14
3040	No association between hair cortisol or cortisone and brain morphology in children. <i>Psychoneuroendocrinology</i> , 2016, 74, 101-110.	1.3	13
3041	Pronounced prefronto-temporal cortical thinning in schizophrenia: Neuroanatomical correlate of suicidal behavior?. <i>Schizophrenia Research</i> , 2016, 176, 151-157.	1.1	53
3042	The Human Connectome Project's neuroimaging approach. <i>Nature Neuroscience</i> , 2016, 19, 1175-1187.	7.1	825
3043	Intra- and interscanner variability of magnetic resonance imaging based volumetry in multiple sclerosis. <i>NeuroImage</i> , 2016, 142, 188-197.	2.1	81



#	ARTICLE	IF	CITATIONS
3044	Hippocampal volume in first-episode schizophrenia and longitudinal course of the illness. <i>World Journal of Biological Psychiatry</i> , 2016, 17, 429-438.	1.3	22
3045	Gender-based analysis of cortical thickness and structural connectivity in Parkinson's disease. <i>Journal of Neurology</i> , 2016, 263, 2308-2318.	1.8	32
3046	Three-Dimensional Face Recognition in Mild Cognitive Impairment: A Psychophysical and Structural MR Study. <i>Journal of the International Neuropsychological Society</i> , 2016, 22, 744-754.	1.2	6
3047	Grey matter abnormalities in methcathinone abusers with a Parkinsonian syndrome. <i>Brain and Behavior</i> , 2016, 6, e00539.	1.0	9
3048	Cortical thickness asymmetries and surgical outcome in neocortical epilepsy. <i>Journal of the Neurological Sciences</i> , 2016, 368, 97-103.	0.3	15
3049	The Importance of Aging in Gray Matter Changes Within Tinnitus Patients Shown in Cortical Thickness, Surface Area and Volume. <i>Brain Topography</i> , 2016, 29, 885-896.	0.8	32
3050	Impact of leptin on memory function and hippocampal structure in mild cognitive impairment. <i>Human Brain Mapping</i> , 2016, 37, 4539-4549.	1.9	21
3051	Cortical thickness and metabolite concentration in chronic stroke and the relationship with motor function. <i>Restorative Neurology and Neuroscience</i> , 2016, 34, 733-746.	0.4	18
3052	Stress and reward processing in bipolar disorder: a functional magnetic resonance imaging study. <i>Bipolar Disorders</i> , 2016, 18, 602-611.	1.1	27
3053	Delineation of cortical pathology in multiple sclerosis using multi-surface magnetization transfer ratio imaging. <i>NeuroImage: Clinical</i> , 2016, 12, 858-868.	1.4	7
3054	Intersession reliability of population receptive field estimates. <i>NeuroImage</i> , 2016, 143, 293-303.	2.1	58
3055	Disrupted anatomic networks in the 22q11.2 deletion syndrome. <i>NeuroImage: Clinical</i> , 2016, 12, 420-428.	1.4	4
3056	Youthful Brains in Older Adults: Preserved Neuroanatomy in the Default Mode and Salience Networks Contributes to Youthful Memory in Superaging. <i>Journal of Neuroscience</i> , 2016, 36, 9659-9668.	1.7	136
3057	Prefrontal cortex, temporal cortex, and hippocampus volume are affected in suicidal psychiatric patients. <i>Psychiatry Research - Neuroimaging</i> , 2016, 256, 50-56.	0.9	78
3058	Achromatic temporal-frequency responses of human lateral geniculate nucleus and primary visual cortex. <i>Vision Research</i> , 2016, 127, 177-185.	0.7	10
3059	Absence of visual experience modifies the neural basis of numerical thinking. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 11172-11177.	3.3	75
3060	Grit Is Associated with Structure of Nucleus Accumbens and Gains in Cognitive Training. <i>Journal of Cognitive Neuroscience</i> , 2016, 28, 1688-1699.	1.1	29
3061	Incorporating modern neuroscience findings to improve brain-computer interfaces: tracking auditory attention. <i>Journal of Neural Engineering</i> , 2016, 13, 056017.	1.8	6

#	ARTICLE	IF	CITATIONS
3062	Cortical thickness in frontoparietal and cingulo-opercular networks predicts executive function performance in older adults.. <i>Neuropsychology</i> , 2016, 30, 322-331.	1.0	38
3063	Structural brain development between childhood and adulthood: Convergence across four longitudinal samples. <i>NeuroImage</i> , 2016, 141, 273-281.	2.1	427
3064	Classification of some dementia types due to feature selection with artificial neural networks. , 2016, , .		3
3065	Bayesian longitudinal segmentation of hippocampal substructures in brain MRI using subject-specific atlases. <i>NeuroImage</i> , 2016, 141, 542-555.	2.1	130
3066	Adolescence is associated with genomically patterned consolidation of the hubs of the human brain connectome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 9105-9110.	3.3	415
3067	Quantitative Classification of Cerebellar Foliation in Cartilaginous Fishes (Class: Chondrichthyes) Using Three-Dimensional Shape Analysis and Its Implications for Evolutionary Biology. <i>Brain, Behavior and Evolution</i> , 2016, 87, 252-264.	0.9	8
3068	Preserved white matter microstructure in young patients with anorexia nervosa?. <i>Human Brain Mapping</i> , 2016, 37, 4069-4083.	1.9	27
3069	Neurodevelopmental origins of lifespan changes in brain and cognition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 9357-9362.	3.3	163
3070	Cumulative trauma, adversity and grief symptoms associated with fronto-temporal regions in life-course persistent delinquent boys. <i>Psychiatry Research - Neuroimaging</i> , 2016, 254, 92-102.	0.9	14
3071	Domain adaptation for Alzheimer's disease diagnostics. <i>NeuroImage</i> , 2016, 139, 470-479.	2.1	83
3072	Brain Regionâ€“Specific Degeneration with Disease Progression in Late Infantile Neuronal Ceroid Lipofuscinosis (CLN2 Disease). <i>American Journal of Neuroradiology</i> , 2016, 37, 1160-1169.	1.2	19
3073	MRI gray and white matter measures in progressive supranuclear palsy and corticobasal syndrome. <i>Journal of Neurology</i> , 2016, 263, 2022-2031.	1.8	18
3074	Restingâ€“state functional MRI distinguishes temporal lobe epilepsy subtypes. <i>Epilepsia</i> , 2016, 57, 1475-1484.	2.6	40
3075	The neural correlates of auditory and visuospatial span in logopenic progressive aphasia and Alzheimer's disease. <i>Cortex</i> , 2016, 83, 39-50.	1.1	49
3076	Mapping the cortical representation of speech sounds in a syllable repetition task. <i>NeuroImage</i> , 2016, 141, 174-190.	2.1	25
3077	Presymptomatic cortical thinning in familial Alzheimer disease. <i>Neurology</i> , 2016, 87, 2050-2057.	1.5	58
3078	Proof of concept demonstration of optimal composite MRI endpoints for clinical trials. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2016, 2, 177-181.	1.8	9
3079	Reprint of â€œAdolescent cortical thickness pre- and post marijuana and alcohol initiationâ€“ <i>Neurotoxicology and Teratology</i> , 2016, 58, 78-87.	1.2	1

#	ARTICLE	IF	CITATIONS
3080	Functional Organization of Flash-Induced V1 Offline Reactivation. <i>Journal of Neuroscience</i> , 2016, 36, 11727-11738.	1.7	24
3081	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
3082	Diffuse reduction of cerebral grey matter volumes in Erdheim-Chester disease. <i>Orphanet Journal of Rare Diseases</i> , 2016, 11, 109.	1.2	19
3083	Comparison of deep neural networks to spatio-temporal cortical dynamics of human visual object recognition reveals hierarchical correspondence. <i>Scientific Reports</i> , 2016, 6, 27755.	1.6	510
3084	Neurophysiological Organization of the Middle Face Patch in Macaque Inferior Temporal Cortex. <i>Journal of Neuroscience</i> , 2016, 36, 12729-12745.	1.7	43
3085	Distinct differences in striatal dysmorphology between attention deficit hyperactivity disorder boys with and without a comorbid reading disability. <i>Psychiatry Research - Neuroimaging</i> , 2016, 258, 30-36.	0.9	4
3086	Glial activation colocalizes with structural abnormalities in amyotrophic lateral sclerosis. <i>Neurology</i> , 2016, 87, 2554-2561.	1.5	83
3087	Cross-Modal Attention Effects in the Vestibular Cortex during Attentive Tracking of Moving Objects. <i>Journal of Neuroscience</i> , 2016, 36, 12720-12728.	1.7	28
3088	Insights into neuroepigenetics through human histone deacetylase PET imaging. <i>Science Translational Medicine</i> , 2016, 8, 351ra106.	5.8	83
3089	Pain anticipatory phenomena in patients with central poststroke pain: a magnetoencephalography study. <i>Journal of Neurophysiology</i> , 2016, 116, 1387-1395.	0.9	8
3090	The relevance of cortical lesions in patients with multiple sclerosis. <i>BMC Neurology</i> , 2016, 16, 204.	0.8	18
3091	Learning-based subject-specific estimation of dynamic maps of cortical morphology at missing time points in longitudinal infant studies. <i>Human Brain Mapping</i> , 2016, 37, 4129-4147.	1.9	17
3092	The effects of a genome-wide supported variant in the CACNA1C gene on cortical morphology in schizophrenia patients and healthy subjects. <i>Scientific Reports</i> , 2016, 6, 34298.	1.6	4
3093	Induced sensorimotor brain plasticity controls pain in phantom limb patients. <i>Nature Communications</i> , 2016, 7, 13209.	5.8	69
3094	Identifying the effects of visceral interoception on human brain connectome: A multivariate analysis of covariance of fMRI data. , 2016, 2016, 5558-5562.		2
3095	Volumetric and morphometric MRI findings in patients with mild traumatic brain injury. <i>Brain Injury</i> , 2016, 30, 1683-1691.	0.6	9
3096	Asymptomatic Alzheimer disease. <i>Neurology</i> , 2016, 87, 2443-2450.	1.5	67
3097	A study forrest extension, retinotopic mapping and localization of higher visual areas. <i>Scientific Data</i> , 2016, 3, 160093.	2.4	48

#	ARTICLE	IF	CITATIONS
3098	Failure to mobilize cognitive control for challenging tasks correlates with symptom severity in schizophrenia. <i>NeuroImage: Clinical</i> , 2016, 12, 887-893.	1.4	2
3099	Single-trial prediction of reaction time variability from MEG brain activity. <i>Scientific Reports</i> , 2016, 6, 27416.	1.6	5
3100	Heterogeneous cortical atrophy patterns in MCI not captured by conventional diagnostic criteria. <i>Neurology</i> , 2016, 87, 2108-2116.	1.5	61
3101	Beta rhythm modulation by speech sounds: somatotopic mapping in somatosensory cortex. <i>Scientific Reports</i> , 2016, 6, 31182.	1.6	15
3102	Cortical thickness in human V1 associated with central vision loss. <i>Scientific Reports</i> , 2016, 6, 23268.	1.6	44
3103	Specialization of the Right Intraparietal Sulcus for Processing Mathematics During Development. <i>Cerebral Cortex</i> , 2017, 27, 4436-4446.	1.6	13
3104	Sleep Duration and Subsequent Cortical Thinning in Cognitively Normal Older Adults. <i>Sleep</i> , 2016, 39, 1121-1128.	0.6	104
3105	Understanding location- and feature-based processing along the human intraparietal sulcus. <i>Journal of Neurophysiology</i> , 2016, 116, 1488-1497.	0.9	23
3106	Cortical idiosyncrasies predict the perception of object size. <i>Nature Communications</i> , 2016, 7, 12110.	5.8	77
3107	Regional cortical thinning of the orbitofrontal cortex in medication-naïve female patients with major depressive disorder is not associated with MAOA-uVNTR polymorphism. <i>Annals of General Psychiatry</i> , 2016, 15, 26.	1.2	8
3108	Associations Between the Self-Reported Frequency of Hearing Chemical Alarms in Theater and Visuospatial Function in Gulf War Veterans. <i>Journal of Occupational and Environmental Medicine</i> , 2016, 58, 1014-1020.	0.9	7
3109	Topographies of Cortical and Subcortical Volume Loss in HIV and Aging in the cART Era. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2016, 73, 374-383.	0.9	53
3110	Interictal High Frequency Oscillations Detected with Simultaneous Magnetoencephalography and Electroencephalography as Biomarker of Pediatric Epilepsy. <i>Journal of Visualized Experiments</i> , 2016, .	0.2	46
3111	Altered regional cortical thickness and subcortical volume in women with primary dysmenorrhoea. <i>European Journal of Pain</i> , 2016, 20, 512-520.	1.4	37
3112	Depressive symptom severity is associated with increased cortical thickness in older adults. <i>International Journal of Geriatric Psychiatry</i> , 2016, 31, 325-333.	1.3	33
3113	The role of cortical beta oscillations in time estimation. <i>Human Brain Mapping</i> , 2016, 37, 3262-3281.	1.9	58
3114	Structural and functional correlates of a quantitative autistic trait measured using the social responsive scale in neurotypical male adolescents. <i>Autism Research</i> , 2016, 9, 570-578.	2.1	12
3115	Primary somatosensory/motor cortical thickness distinguishes paresthesia-dominant from pain-dominant carpal tunnel syndrome. <i>Pain</i> , 2016, 157, 1085-1093.	2.0	32

#	ARTICLE	IF	CITATIONS
3116	Lower gray matter density and functional connectivity in the anterior insula in smokers compared with never smokers. <i>Addiction Biology</i> , 2016, 21, 972-981.	1.4	42
3117	Large Deformation Multiresolution Diffeomorphic Metric Mapping for Multiresolution Cortical Surfaces: A Coarse-to-Fine Approach. <i>IEEE Transactions on Image Processing</i> , 2016, 25, 4061-4074.	6.0	34
3118	Measuring Brain Signals to Evaluate the Role of Creativity in Interceptive Human Movement. , 2016, , .		1
3119	Inferring Individual-Level Variations in the Functional Parcellation of the Cerebral Cortex. <i>IEEE Transactions on Biomedical Engineering</i> , 2016, 63, 2505-2517.	2.5	1
3120	Longitudinal Evidence for Smaller Hippocampus Volume as a Vulnerability Factor for Perceived Stress. <i>Cerebral Cortex</i> , 2016, 26, 3527-3533.	1.6	24
3121	V1 surface size predicts GABA concentration in medial occipital cortex. <i>NeuroImage</i> , 2016, 124, 654-662.	2.1	8
3122	Prefrontal cortical thinning in HIV infection is associated with impaired striatal functioning. <i>Journal of Neural Transmission</i> , 2016, 123, 643-651.	1.4	20
3123	Regional cortical thinning in multiple sclerosis and its relation with cognitive impairment: A multicenter study. <i>Multiple Sclerosis Journal</i> , 2016, 22, 901-909.	1.4	40
3124	The 100 most-cited articles in neuroimaging: A bibliometric analysis. <i>NeuroImage</i> , 2016, 139, 149-156.	2.1	70
3125	Segmentation and labeling of the ventricular system in normal pressure hydrocephalus using patch-based tissue classification and multi-atlas labeling. <i>Proceedings of SPIE</i> , 2016, 9784, .	0.8	12
3126	MCPâ€1 and eotaxinâ€1 selectively and negatively associate with memory in MCI and Alzheimer's disease dementia phenotypes. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2016, 3, 91-97.	1.2	53
3127	Discrepancies between fluid and crystallized ability in healthy adults: a behavioral marker of preclinical Alzheimer's disease. <i>Neurobiology of Aging</i> , 2016, 46, 68-75.	1.5	32
3128	Reactivation of visual-evoked activity in human cortical networks. <i>Journal of Neurophysiology</i> , 2016, 115, 3090-3100.	0.9	19
3129	EEG and MEG: sensitivity to epileptic spike activity as function of source orientation and depth. <i>Physiological Measurement</i> , 2016, 37, 1146-1162.	1.2	41
3130	Movement-related dynamics of cortical oscillations in Parkinsonâ€™s disease and essential tremor. <i>Brain</i> , 2016, 139, 2211-2223.	3.7	94
3131	Automatic brain tissue segmentation in MR images using Random Forests and Conditional Random Fields. <i>Journal of Neuroscience Methods</i> , 2016, 270, 111-123.	1.3	50
3132	Increased MRI-based cortical grey/white-matter contrast in sensory and motor regions in schizophrenia and bipolar disorder. <i>Psychological Medicine</i> , 2016, 46, 1971-1985.	2.7	62
3133	Cortical Thickness of Functionally Defined Visual Areas in Schizophrenia and Bipolar Disorder. <i>Cerebral Cortex</i> , 2017, 27, bhw151.	1.6	36

#	ARTICLE	IF	CITATIONS
3134	Abnormalities of cingulate cortex in antipsychotic-naïve chronic schizophrenia. <i>Brain Research</i> , 2016, 1638, 105-113.	1.1	4
3135	The relationship between oscillatory EEG activity and the laminar-specific BOLD signal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 6761-6766.	3.3	147
3137	Right frontal pole cortical thickness and executive functioning in children with traumatic brain injury: the impact on social problems. <i>Brain Imaging and Behavior</i> , 2016, 10, 1090-1095.	1.1	16
3138	Effects of HIV and childhood trauma on brain morphometry and neurocognitive function. <i>Journal of NeuroVirology</i> , 2016, 22, 149-158.	1.0	46
3139	An integrated feature ranking and selection framework for ADHD characterization. <i>Brain Informatics</i> , 2016, 3, 145-155.	1.8	11
3140	Cerebral white matter correlates of delay discounting in adolescents. <i>Behavioural Brain Research</i> , 2016, 305, 108-114.	1.2	11
3141	The neural representation of objects formed through the spatiotemporal integration of visual transients. <i>NeuroImage</i> , 2016, 142, 67-78.	2.1	17
3142	Regional correlations between cortical thickness and surface area asymmetries: A surface-based morphometry study of 250 adults. <i>Neuropsychologia</i> , 2016, 93, 350-364.	0.7	63
3143	Functional Evidence for a Cerebellar Node of the Dorsal Attention Network. <i>Journal of Neuroscience</i> , 2016, 36, 6083-6096.	1.7	119
3144	Convergent evidence for hierarchical prediction networks from human electrocorticography and magnetoencephalography. <i>Cortex</i> , 2016, 82, 192-205.	1.1	71
3145	Consistent cortical reconstruction and multi-atlas brain segmentation. <i>NeuroImage</i> , 2016, 138, 197-210.	2.1	94
3146	Mean cortical curvature reflects cytoarchitecture restructuring in mild traumatic brain injury. <i>NeuroImage: Clinical</i> , 2016, 11, 81-89.	1.4	36
3147	Effect of age at onset on cortical thickness and cognition in posterior cortical atrophy. <i>Neurobiology of Aging</i> , 2016, 44, 108-113.	1.5	11
3148	Neurodevelopmental correlates of proneness to guilt and shame in adolescence and early adulthood. <i>Developmental Cognitive Neuroscience</i> , 2016, 19, 51-57.	1.9	24
3149	Associations between the self-reported frequency of hearing chemical alarms in theater and regional brain volume in Gulf War Veterans. <i>NeuroToxicology</i> , 2016, 53, 246-256.	1.4	24
3150	Congenital blindness is associated with large-scale reorganization of anatomical networks. <i>NeuroImage</i> , 2016, 128, 362-372.	2.1	39
3151	Automatic cortical surface reconstruction of high-resolution T1 echo planar imaging data. <i>NeuroImage</i> , 2016, 134, 338-354.	2.1	57
3152	Time delay processing of hypercapnic fMRI allows quantitative parameterization of cerebrovascular reactivity and blood flow delays. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 1767-1779.	2.4	71

#	ARTICLE	IF	CITATIONS
3153	Cortical morphological markers in children with autism: a structural magnetic resonance imaging study of thickness, area, volume, and gyrification. <i>Molecular Autism</i> , 2016, 7, 11.	2.6	100
3154	Deformation-based atrophy computation by surface propagation and its application to Alzheimer's disease. <i>Journal of Medical Imaging</i> , 2016, 3, 014005.	0.8	0
3155	Measuring Large-Scale Synchronization with Human MEG and EEG: Challenges and Solutions. , 2016, , 1-18.		6
3156	Representation of illusory and physical rotations in human MST: A cortical site for the pinna illusion. <i>Human Brain Mapping</i> , 2016, 37, 2097-2113.	1.9	6
3157	A comprehensive tractography study of patients with bipolar disorder and their unaffected siblings. <i>Human Brain Mapping</i> , 2016, 37, 3474-3485.	1.9	35
3158	Cognitive state following mild stroke: A matter of hippocampal mean diffusivity. <i>Hippocampus</i> , 2016, 26, 161-169.	0.9	17
3159	Automated analysis protocol for high resolution BOLD-fMRI mapping of the fingertip somatotopy in brodmann area 3b. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 43, 479-486.	1.9	12
3160	Fitness, insulin sensitivity, and frontal lobe integrity in adults with overweight and obesity. <i>Obesity</i> , 2016, 24, 1283-1289.	1.5	15
3161	Scalable Semisupervised Functional Neurocartography Reveals Canonical Neurons in Behavioral Networks. <i>Neural Computation</i> , 2016, 28, 1453-1497.	1.3	18
3162	Surface-based morphometry reveals distinct cortical thickness and surface area profiles in Williams syndrome. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2016, 171, 402-413.	1.1	11
3163	Brain morphology in juvenile myoclonic epilepsy and absence seizures. <i>Acta Neurologica Scandinavica</i> , 2016, 133, 111-118.	1.0	18
3164	Neural signature of developmental coordination disorder in the structural connectome independent of comorbid autism. <i>Developmental Science</i> , 2016, 19, 599-612.	1.3	52
3165	Laser interstitial thermal therapy for medically intractable mesial temporal lobe epilepsy. <i>Epilepsia</i> , 2016, 57, 325-334.	2.6	299
3166	Development of Behavioral Control and Associated vmPFC-DLPFC Connectivity Explains Children's Increased Resistance to Temptation in Intertemporal Choice. <i>Cerebral Cortex</i> , 2016, 26, 32-42.	1.6	67
3167	Multiparametric mapping of neurological soft signs in healthy adults. <i>Brain Structure and Function</i> , 2016, 221, 1209-1221.	1.2	28
3168	NMDA Receptor Antagonist Ketamine Distorts Object Recognition by Reducing Feedback to Early Visual Cortex. <i>Cerebral Cortex</i> , 2016, 26, 1986-1996.	1.6	43
3169	Frontotemporal correlates of impulsivity and machine learning in retired professional athletes with a history of multiple concussions. <i>Brain Structure and Function</i> , 2016, 221, 1911-1925.	1.2	103
3170	Generation and Evaluation of a Cortical Area Parcellation from Resting-State Correlations. <i>Cerebral Cortex</i> , 2016, 26, 288-303.	1.6	1,132

#	ARTICLE	IF	CITATIONS
3171	Subcortical nuclei volumes in suicidal behavior: nucleus accumbens may modulate the lethality of acts.. <i>Brain Imaging and Behavior</i> , 2016, 10, 96-104.	1.1	41
3172	Occipital MEG Activity in the Early Time Range (<300 ms) Predicts Graded Changes in Perceptual Consciousness. <i>Cerebral Cortex</i> , 2016, 26, 2677-2688.	1.6	77
3173	Infant Brain Extraction in T1-Weighted MR Images Using BET and Refinement Using LCDG and MGRF Models. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2016, 20, 925-935.	3.9	36
3174	Brain Events Underlying Episodic Memory Changes in Aging: A Longitudinal Investigation of Structural and Functional Connectivity. <i>Cerebral Cortex</i> , 2016, 26, 1272-1286.	1.6	114
3175	Multimodal connectivity mapping of the human left anterior and posterior lateral prefrontal cortex. <i>Brain Structure and Function</i> , 2016, 221, 2589-2605.	1.2	25
3176	Reduced cortical thickness, surface area in patients with chronic obstructive pulmonary disease: a surface-based morphometry and neuropsychological study. <i>Brain Imaging and Behavior</i> , 2016, 10, 464-476.	1.1	31
3177	Cardiorespiratory fitness modifies the relationship between myocardial function and cerebral blood flow in older adults. <i>NeuroImage</i> , 2016, 131, 126-132.	2.1	14
3178	On the right side? A longitudinal study of left- versus right-lateralized semantic dementia. <i>Brain</i> , 2016, 139, 986-998.	3.7	161
3179	Theory of mind mediates the prospective relationship between abnormal social brain network morphology and chronic behavior problems after pediatric traumatic brain injury. <i>Social Cognitive and Affective Neuroscience</i> , 2016, 11, 683-692.	1.5	33
3180	Involvement of mirror neuron system in prodromal Alzheimer's disease. <i>BBA Clinical</i> , 2016, 5, 46-53.	4.1	9
3181	Functional Topography of Human Auditory Cortex. <i>Journal of Neuroscience</i> , 2016, 36, 1416-1428.	1.7	91
3182	Modulation of Orthographic Decoding by Frontal Cortex. <i>Journal of Neuroscience</i> , 2016, 36, 1173-1184.	1.7	35
3183	Emotion recognition and theory of mind are related to gray matter volume of the prefrontal cortex in schizophrenia. <i>European Neuropsychopharmacology</i> , 2016, 26, 255-264.	0.3	27
3184	The inhibition/excitation ratio related to task-induced oscillatory modulations during a working memory task: A multimodal-imaging study using MEG and MRS. <i>NeuroImage</i> , 2016, 128, 302-315.	2.1	27
3185	Groupwise connectivity-based parcellation of the whole human cortical surface using watershed-driven dimension reduction. <i>Medical Image Analysis</i> , 2016, 30, 11-29.	7.0	33
3186	Automated retinofugal visual pathway reconstruction with multi-shell HARDI and FOD-based analysis. <i>NeuroImage</i> , 2016, 125, 767-779.	2.1	50
3187	Structural brain indices and executive functioning in multiple sclerosis: A review. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2016, 38, 261-274.	0.8	13
3188	Structural asymmetry of the human cerebral cortex: Regional and between-subject variability of surface area, cortical thickness, and local gyrification. <i>Neuropsychologia</i> , 2016, 93, 365-379.	0.7	44



#	ARTICLE	IF	CITATIONS
3189	Dissociation of working memory impairments and attention-deficit/hyperactivity disorder in the brain. <i>NeuroImage: Clinical</i> , 2016, 10, 274-282.	1.4	43
3190	Quantitative validation of a visual rating scale for frontal atrophy: associations with clinical status, APOE e4, CSF biomarkers and cognition. <i>European Radiology</i> , 2016, 26, 2597-2610.	2.3	39
3191	Neural Anatomy of Primary Visual Cortex Limits Visual Working Memory. <i>Cerebral Cortex</i> , 2016, 26, 43-50.	1.6	49
3192	Altered Structural Brain Networks in Tuberous Sclerosis Complex. <i>Cerebral Cortex</i> , 2016, 26, 2046-2058.	1.6	36
3193	Prenatal Alcohol Exposure is Associated with Regionally Thinner Cortex During the Preadolescent Period. <i>Cerebral Cortex</i> , 2016, 26, 3083-3095.	1.6	34
3194	Genetic Effects on Fine-Grained Human Cortical Regionalization. <i>Cerebral Cortex</i> , 2016, 26, 3732-3743.	1.6	8
3195	Social support, stress and the aging brain. <i>Social Cognitive and Affective Neuroscience</i> , 2016, 11, 1050-1058.	1.5	37
3196	Visual motion transforms visual space representations similarly throughout the human visual hierarchy. <i>NeuroImage</i> , 2016, 127, 173-185.	2.1	29
3197	Atrophy of reward-related striatal structures in fatigued MS patients is independent of physical disability. <i>Multiple Sclerosis Journal</i> , 2016, 22, 822-829.	1.4	32
3198	Glucose Dysregulation Interacts With APOE- $\epsilon$ 4 to Potentiate Temporoparietal Cortical Thinning. <i>American Journal of Alzheimer's Disease and Other Dementias</i> , 2016, 31, 76-86.	0.9	11
3199	Automated hippocampal segmentation in 3D MRI using random undersampling with boosting algorithm. <i>Pattern Analysis and Applications</i> , 2016, 19, 579-591.	3.1	24
3200	Cortical atrophy patterns in multiple sclerosis are non-random and clinically relevant. <i>Brain</i> , 2016, 139, 115-126.	3.7	223
3201	Reduced hippocampus volume and memory performance in bipolar disorder patients carrying the BDNF val66met met allele. <i>Journal of Affective Disorders</i> , 2016, 198, 198-205.	2.0	80
3202	Probabilistic Modeling of Imaging, Genetics and Diagnosis. <i>IEEE Transactions on Medical Imaging</i> , 2016, 35, 1765-1779.	5.4	30
3203	Clinical Resting-state fMRI in the Preoperative Setting. <i>Topics in Magnetic Resonance Imaging</i> , 2016, 25, 11-18.	0.7	63
3204	Regional Cortical Surface Area in Adolescents: A Preliminary MRI Twin Study of Genetic and Environmental Contributions. <i>Behavior Genetics</i> , 2016, 46, 205-216.	1.4	4
3205	CNR improvement of MP2RAGE from slice encoding directional acceleration. <i>Magnetic Resonance Imaging</i> , 2016, 34, 779-784.	1.0	7
3206	Four-dimensional maps of the human somatosensory system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E1936-43.	3.3	87

#	ARTICLE	IF	CITATIONS
3207	MRI visual rating scales in the diagnosis of dementia: evaluation in 184 post-mortem confirmed cases. <i>Brain</i> , 2016, 139, 1211-1225.	3.7	174
3208	Altered Brain Network Segregation in Fragile X Syndrome Revealed by Structural Connectomics. <i>Cerebral Cortex</i> , 2016, 27, bhw055.	1.6	31
3209	Recurrent major depression and right hippocampal volume: A bivariate linkage and association study. <i>Human Brain Mapping</i> , 2016, 37, 191-202.	1.9	21
3210	Combat exposure is associated with cortical thickness in Veterans with a history of chronic pain. <i>Psychiatry Research - Neuroimaging</i> , 2016, 249, 38-44.	0.9	7
3211	Kernel Bundle Diffeomorphic Image Registration Using Stationary Velocity Fields and Wendland Basis Functions. <i>IEEE Transactions on Medical Imaging</i> , 2016, 35, 1369-1380.	5.4	19
3212	The impact of ADHD persistence, recent cannabis use, and age of regular cannabis use onset on subcortical volume and cortical thickness in young adults. <i>Drug and Alcohol Dependence</i> , 2016, 161, 135-146.	1.6	39
3213	A spatiotemporal signature of cortical pain relief by tactile stimulation: An MEG study. <i>NeuroImage</i> , 2016, 130, 175-183.	2.1	23
3214	Serotonin 2A receptor agonist binding in the human brain with [ <sup>11</sup> C]Cimbi-36: Test-retest reproducibility and head-to-head comparison with the antagonist [ <sup>18</sup> F]altanserin. <i>NeuroImage</i> , 2016, 130, 167-174.	2.1	61
3215	Weight restoration therapy rapidly reverses cortical thinning in anorexia nervosa: A longitudinal study. <i>NeuroImage</i> , 2016, 130, 214-222.	2.1	116
3216	Source modeling of ElectroCorticoGraphy (ECoG) data: Stability analysis and spatial filtering. <i>Journal of Neuroscience Methods</i> , 2016, 263, 134-144.	1.3	12
3217	Is bigger always better? The importance of cortical configuration with respect to cognitive ability. <i>NeuroImage</i> , 2016, 129, 356-366.	2.1	36
3218	Deficit-lesion correlations in syntactic comprehension in aphasia. <i>Brain and Language</i> , 2016, 152, 14-27.	0.8	15
3219	Genetic and Environmental Contributions to Functional Connectivity Architecture of the Human Brain. <i>Cerebral Cortex</i> , 2016, 26, 2341-2352.	1.6	100
3220	A hemodynamic model for layered BOLD signals. <i>NeuroImage</i> , 2016, 125, 556-570.	2.1	128
3221	Adaptive Engagement of Cognitive Control in Context-Dependent Decision Making. <i>Cerebral Cortex</i> , 2017, 27, bhv333.	1.6	31
3222	Minimally invasive endovascular stent-electrode array for high-fidelity, chronic recordings of cortical neural activity. <i>Nature Biotechnology</i> , 2016, 34, 320-327.	9.4	210
3223	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
3224	<sup>125</sup> I-Amyloid Deposition Is Associated with Decreased Right Prefrontal Activation during Task Switching among Cognitively Normal Elderly. <i>Journal of Neuroscience</i> , 2016, 36, 1962-1970.	1.7	26

#	ARTICLE	IF	CITATIONS
3225	Interdigitated Color- and Disparity-Selective Columns within Human Visual Cortical Areas V2 and V3. <i>Journal of Neuroscience</i> , 2016, 36, 1841-1857.	1.7	125
3226	Improved segmentation of cerebellar structures in children. <i>Journal of Neuroscience Methods</i> , 2016, 262, 1-13.	1.3	4
3227	Gray and white matter structural changes in corticobasal syndrome. <i>Neurobiology of Aging</i> , 2016, 37, 82-90.	1.5	28
3228	Radial bias is not necessary for orientation decoding. <i>NeuroImage</i> , 2016, 127, 23-33.	2.1	48
3229	Color-Biased Regions of the Ventral Visual Pathway Lie between Face- and Place-Selective Regions in Humans, as in Macaques. <i>Journal of Neuroscience</i> , 2016, 36, 1682-1697.	1.7	147
3230	Different patterns of cortical gray matter loss over time in behavioral variant frontotemporal dementia and Alzheimer's disease. <i>Neurobiology of Aging</i> , 2016, 38, 21-31.	1.5	40
3231	Dixon Sequence with Superimposed Model-Based Bone Compartment Provides Highly Accurate PET/MR Attenuation Correction of the Brain. <i>Journal of Nuclear Medicine</i> , 2016, 57, 918-924.	2.8	76
3232	Methods on Skull Stripping of MRI Head Scan Images—a Review. <i>Journal of Digital Imaging</i> , 2016, 29, 365-379.	1.6	157
3233	Early-latency categorical speech sound representations in the left inferior frontal gyrus. <i>NeuroImage</i> , 2016, 129, 214-223.	2.1	40
3234	Underlying sources of cognitive-anatomical variation in multi-modal neuroimaging and cognitive testing. <i>NeuroImage</i> , 2016, 129, 439-449.	2.1	4
3235	Computational analysis in epilepsy neuroimaging: A survey of features and methods. <i>NeuroImage: Clinical</i> , 2016, 11, 515-529.	1.4	68
3236	Heterogeneous Optimization Framework: Reproducible Preprocessing of Multi-Spectral Clinical MRI for Neuro-Oncology Imaging Research. <i>Neuroinformatics</i> , 2016, 14, 305-317.	1.5	6
3237	Using 3D Printing to Create Personalized Brain Models for Neurosurgical Training and Preoperative Planning. <i>World Neurosurgery</i> , 2016, 90, 668-674.	0.7	145
3238	Clinical Applications of Magnetoencephalography. , 2016, , .		5
3239	Oxidative mitochondrial DNA damage in peripheral blood mononuclear cells is associated with reduced volumes of hippocampus and subcortical gray matter in chronically HIV-infected patients. <i>Mitochondrion</i> , 2016, 28, 8-15.	1.6	28
3240	Different partial volume correction methods lead to different conclusions: An 18F-FDG-PET study of aging. <i>NeuroImage</i> , 2016, 132, 334-343.	2.1	216
3241	Executive function relates to surface area of frontal and temporal cortex in very-low-birth-weight late teenagers. <i>Early Human Development</i> , 2016, 95, 47-53.	0.8	20
3242	Functional magnetic resonance imaging confirms forward suppression for rapidly alternating sounds in human auditory cortex but not in the inferior colliculus. <i>Hearing Research</i> , 2016, 335, 25-32.	0.9	2

#	ARTICLE	IF	CITATIONS
3243	Temporal filtering of longitudinal brain magnetic resonance images for consistent segmentation. <i>NeuroImage: Clinical</i> , 2016, 11, 264-275.	1.4	4
3244	Childhood Epilepsy. , 2016, , 163-173.		0
3245	Lack of neural compensatory mechanisms of BDNF val66met met carriers and APOE E4 carriers in healthy aging, mild cognitive impairment, and Alzheimer's disease. <i>Neurobiology of Aging</i> , 2016, 39, 165-173.	1.5	21
3246	Impact of time-of-day on brain morphometric measures derived from T1-weighted magnetic resonance imaging. <i>NeuroImage</i> , 2016, 133, 41-52.	2.1	95
3247	Cortical thinning in bipolar disorder and schizophrenia. <i>Schizophrenia Research</i> , 2016, 172, 78-85.	1.1	45
3248	Association of Motoric Cognitive Risk Syndrome With Brain Volumes: Results From the GAIT Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 1081-1088.	1.7	58
3249	Segmentation of human brain using structural MRI. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2016, 29, 111-124.	1.1	27
3250	Differences between chronological and brain age are related to education and self-reported physical activity. <i>Neurobiology of Aging</i> , 2016, 40, 138-144.	1.5	198
3251	Neuroanatomical substrates of executive functions: Beyond prefrontal structures. <i>Neuropsychologia</i> , 2016, 85, 100-109.	0.7	150
3252	Parallel Atrophy of Cortex and Basal Forebrain Cholinergic System in Mild Cognitive Impairment. <i>Cerebral Cortex</i> , 2017, 27, bhw019.	1.6	32
3253	The sexually dimorphic impact of maltreatment on cortical thickness, surface area and gyrification. <i>Journal of Neural Transmission</i> , 2016, 123, 1069-1083.	1.4	17
3254	Neural activity during sentence processing as reflected in theta, alpha, beta, and gamma oscillations. <i>NeuroImage</i> , 2016, 142, 43-54.	2.1	109
3255	Information Processing in the Mental Workspace Is Fundamentally Distributed. <i>Journal of Cognitive Neuroscience</i> , 2016, 28, 295-307.	1.1	6
3256	Neuroanatomical Markers of Neurological Soft Signs in Recent-Onset Schizophrenia and Asperger-Syndrome. <i>Brain Topography</i> , 2016, 29, 382-394.	0.8	16
3257	Hippocampal volume and verbal memory performance in late-stage bipolar disorder. <i>Journal of Psychiatric Research</i> , 2016, 73, 102-107.	1.5	95
3258	Brain volume changes in gait control in patients with mild cognitive impairment compared to cognitively healthy individuals; GAIT study results. <i>Experimental Gerontology</i> , 2016, 76, 72-79.	1.2	33
3259	Brain structureâ€“function associations identified in large-scale neuroimaging data. <i>Brain Structure and Function</i> , 2016, 221, 4459-4474.	1.2	13
3260	Through Thick and Thin: a Need to Reconcile Contradictory Results on Trajectories in Human Cortical Development. <i>Cerebral Cortex</i> , 2017, 27, bhv301.	1.6	171

#	ARTICLE	IF	CITATIONS
3261	Socio-Cognitive Phenotypes Differentially Modulate Large-Scale Structural Covariance Networks. <i>Cerebral Cortex</i> , 2017, 27, bhv319.	1.6	89
3262	Impaired Visual Cortical Processing of Affective Facial Information in Schizophrenia. <i>Clinical Psychological Science</i> , 2016, 4, 651-660.	2.4	5
3263	Heritability and reliability of automatically segmented human hippocampal formation subregions. <i>NeuroImage</i> , 2016, 128, 125-137.	2.1	107
3264	GABA content within the ventromedial prefrontal cortex is related to trait anxiety. <i>Social Cognitive and Affective Neuroscience</i> , 2016, 11, 758-766.	1.5	33
3265	No evidence of somatotopic place of articulation feature mapping in motor cortex during passive speech perception. <i>Psychonomic Bulletin and Review</i> , 2016, 23, 1231-1240.	1.4	28
3266	Reliability of dissimilarity measures for multi-voxel pattern analysis. <i>NeuroImage</i> , 2016, 137, 188-200.	2.1	413
3267	Cortical trajectories during adolescence in preterm born teenagers with very low birthweight. <i>Cortex</i> , 2016, 75, 120-131.	1.1	27
3268	The role of MRI in the evaluation of secondary progressive multiple sclerosis. <i>Expert Review of Neurotherapeutics</i> , 2016, 16, 157-171.	1.4	8
3269	Dose-Dependent Cortical Thinning After Partial Brain Irradiation in High-Grade Glioma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 94, 297-304.	0.4	95
3270	Intensive Working Memory Training Produces Functional Changes in Large-scale Frontoparietal Networks. <i>Journal of Cognitive Neuroscience</i> , 2016, 28, 575-588.	1.1	82
3271	Characterization of age/sex and the regional distribution of mGluR5 availability in the healthy human brain measured by high-resolution [11C]ABP688 PET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 152-162.	3.3	58
3272	Left medial orbitofrontal cortex volume correlates with skydive-elicited euphoric experience. <i>Brain Structure and Function</i> , 2016, 221, 4269-4279.	1.2	1
3273	Comparison of accelerated T1-weighted whole-brain structural-imaging protocols. <i>NeuroImage</i> , 2016, 124, 157-167.	2.1	14
3274	Scale-Dependent Variability and Quantitative Regimes in Graph-Theoretic Representations of Human Cortical Networks. <i>Brain Connectivity</i> , 2016, 6, 152-163.	0.8	9
3275	Greater sensitivity of the cortical face processing system to perceptually-equated face detection. <i>Brain Research</i> , 2016, 1631, 13-21.	1.1	3
3276	Early Childhood Behavioral Inhibition Predicts Cortical Thickness in Adulthood. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2016, 55, 122-129.e1.	0.3	28
3277	Prefrontal lobe structural integrity and trail making test, part B: converging findings from surface-based cortical thickness and voxel-based lesion symptom analyses. <i>Brain Imaging and Behavior</i> , 2016, 10, 675-685.	1.1	22
3278	Temporal lobe volume predicts Wada memory test performance in patients with mesial temporal sclerosis. <i>Epilepsy Research</i> , 2016, 120, 25-30.	0.8	0

#	ARTICLE	IF	CITATIONS
3279	Decoding the content of visual short-term memory under distraction in occipital and parietal areas. <i>Nature Neuroscience</i> , 2016, 19, 150-157.	7.1	241
3280	The NITRC image repository. <i>NeuroImage</i> , 2016, 124, 1069-1073.	2.1	70
3281	The neural representation of typical and atypical experiences of negative images: comparing fear, disgust and morbid fascination. <i>Social Cognitive and Affective Neuroscience</i> , 2016, 11, 11-22.	1.5	54
3282	On the Influence of Confounding Factors in Multisite Brain Morphometry Studies of Developmental Pathologies: Application to Autism Spectrum Disorder. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2016, 20, 810-817.	3.9	18
3283	Decoding Brain States Based on Magnetoencephalography From Prespecified Cortical Regions. <i>IEEE Transactions on Biomedical Engineering</i> , 2016, 63, 30-42.	2.5	5
3284	Go/No Go task performance predicts cortical thickness in the caudal inferior frontal gyrus in young adults with and without ADHD. <i>Brain Imaging and Behavior</i> , 2016, 10, 880-892.	1.1	19
3285	Association between baseline peri-infarct magnetic resonance spectroscopy and regional white matter atrophy after stroke. <i>Neuroradiology</i> , 2016, 58, 3-10.	1.1	8
3286	A Unified Variational Volume Registration Method Based on Automatically Learned Brain Structures. <i>Journal of Mathematical Imaging and Vision</i> , 2016, 55, 179-198.	0.8	4
3287	Adolescent Development of Cortical and White Matter Structure in the NCANDA Sample: Role of Sex, Ethnicity, Puberty, and Alcohol Drinking. <i>Cerebral Cortex</i> , 2016, 26, 4101-4121.	1.6	115
3288	Extensive learning is associated with gray matter changes in the right hippocampus. <i>NeuroImage</i> , 2016, 125, 627-632.	2.1	17
3289	Simultaneous head tissue conductivity and EEG source location estimation. <i>NeuroImage</i> , 2016, 124, 168-180.	2.1	75
3290	Subcortical Volume Loss in the Thalamus, Putamen, and Pallidum, Induced by Traumatic Brain Injury, Is Associated With Motor Performance Deficits. <i>Neurorehabilitation and Neural Repair</i> , 2016, 30, 603-614.	1.4	39
3291	Atypical Sulcal Pattern in Children with Developmental Dyslexia and At-Risk Kindergarteners. <i>Cerebral Cortex</i> , 2016, 26, 1138-1148.	1.6	84
3292	Assessment of Silent T1-weighted head imaging at 7ÂT. <i>European Radiology</i> , 2016, 26, 1879-1888.	2.3	21
3293	Variability and anatomical specificity of the orbitofrontothalamic fibers of passage in the ventral capsule/ventral striatum (VC/VS): precision care for patient-specific tractography-guided targeting of deep brain stimulation (DBS) in obsessive compulsive disorder (OCD). <i>Brain Imaging and Behavior</i> , 2016, 10, 1054-1067.	1.1	115
3294	Three-dimensional localization of cortical electrodes in deep brain stimulation surgery from intraoperative fluoroscopy. <i>NeuroImage</i> , 2016, 125, 515-521.	2.1	41
3295	Morphological differences in the mirror neuron system in Williams syndrome. <i>Social Neuroscience</i> , 2016, 11, 277-288.	0.7	39
3296	Volume, metabolites and neuroinflammation of the hippocampus in bipolar disorder â€“ A combined magnetic resonance imaging and positron emission tomography study. <i>Brain, Behavior, and Immunity</i> , 2016, 56, 21-33.	2.0	66

#	ARTICLE	IF	CITATIONS
3297	Differential activity in Heschl's gyrus between deaf and hearing individuals is due to auditory deprivation rather than language modality. <i>NeuroImage</i> , 2016, 124, 96-106.	2.1	21
3298	Longitudinal Mapping of Gyral and Sulcal Patterns of Cortical Thickness and Brain Volume Regain during Early Alcohol Abstinence. <i>European Addiction Research</i> , 2016, 22, 80-89.	1.3	17
3299	Neuroanatomical correlates of individual differences in social anxiety in a non-clinical population. <i>Social Neuroscience</i> , 2016, 11, 424-437.	0.7	13
3300	Structural brain aging and speech production: a surface-based brain morphometry study. <i>Brain Structure and Function</i> , 2016, 221, 3275-3299.	1.2	21
3301	Interictal photosensitivity associates with altered brain structure in patients with episodic migraine. <i>Cephalalgia</i> , 2016, 36, 526-533.	1.8	38
3302	No evidence of disease activity in multiple sclerosis: Implications on cognition and brain atrophy. <i>Multiple Sclerosis Journal</i> , 2016, 22, 64-72.	1.4	67
3303	The Core Brain Region for Face Processing in Schizophrenia Lacks Face Selectivity. <i>Schizophrenia Bulletin</i> , 2016, 42, 666-674.	2.3	14
3304	A subject-specific framework for in vivo myeloarchitectonic analysis using high resolution quantitative MRI. <i>NeuroImage</i> , 2016, 125, 94-107.	2.1	93
3305	Interaction of Cigarette Smoking History With <i>APOE</i> Genotype and Age on Amyloid Level, Glucose Metabolism, and Neurocognition in Cognitively Normal Elders. <i>Nicotine and Tobacco Research</i> , 2016, 18, 204-211.	1.4	30
3306	Neurostructural correlates of consistent and weak handedness. <i>Laterality</i> , 2016, 21, 348-370.	0.5	19
3307	Functional Connectivity Patterns of Visual Cortex Reflect its Anatomical Organization. <i>Cerebral Cortex</i> , 2016, 26, 3719-3731.	1.6	29
3308	Cognitive Control Network Contributions to Memory-Guided Visual Attention. <i>Cerebral Cortex</i> , 2016, 26, 2059-2073.	1.6	61
3309	Smaller Primary Visual Cortex Is Associated with Stronger, but Less Precise Mental Imagery. <i>Cerebral Cortex</i> , 2016, 26, 3838-3850.	1.6	96
3310	Is the Alzheimer's disease cortical thickness signature a biological marker for memory?. <i>Brain Imaging and Behavior</i> , 2016, 10, 517-523.	1.1	24
3311	Pretraining Cortical Thickness Predicts Subsequent Perceptual Learning Rate in a Visual Search Task. <i>Cerebral Cortex</i> , 2016, 26, 1211-1220.	1.6	22
3312	Brains of verbal memory specialists show anatomical differences in language, memory and visual systems. <i>NeuroImage</i> , 2016, 131, 181-192.	2.1	30
3313	Prediction of outcome in the psychosis prodrome using neuroanatomical pattern classification. <i>Schizophrenia Research</i> , 2016, 173, 159-165.	1.1	50
3314	Intracortical Posterior Cingulate Myelin Content Relates to Error Processing: Results from <i>T<sub>1</sub></i> - and <i>T<sub>2</sub></i> -Weighted MRI Myelin Mapping and Electrophysiology in Healthy Adults. <i>Cerebral Cortex</i> , 2016, 26, 2402-2410.	1.6	44

#	ARTICLE	IF	CITATIONS
3315	Temporal Cortex Morphology in Mesial Temporal Lobe Epilepsy Patients and Their Asymptomatic Siblings. <i>Cerebral Cortex</i> , 2016, 26, 1234-1241.	1.6	32
3316	From mother to child: orbitofrontal cortex gyrification and changes of drinking behaviour during adolescence. <i>Addiction Biology</i> , 2016, 21, 700-708.	1.4	21
3317	Brain morphology correlates of interindividual differences in conditioned fear acquisition and extinction learning. <i>Brain Structure and Function</i> , 2016, 221, 1927-1937.	1.2	24
3318	Striatum morphometry is associated with cognitive control deficits and symptom severity in internet gaming disorder. <i>Brain Imaging and Behavior</i> , 2016, 10, 12-20.	1.1	82
3319	Neural Language Processing in Adolescent First-Language Learners: Longitudinal Case Studies in American Sign Language. <i>Cerebral Cortex</i> , 2016, 26, 1015-1026.	1.6	27
3320	The Pediatric Imaging, Neurocognition, and Genetics (PING) Data Repository. <i>NeuroImage</i> , 2016, 124, 1149-1154.	2.1	251
3321	Machine learning of structural magnetic resonance imaging predicts psychopathic traits in adolescent offenders. <i>NeuroImage</i> , 2017, 145, 265-273.	2.1	30
3322	Structural brain correlates of heart rate variability in a healthy young adult population. <i>Brain Structure and Function</i> , 2017, 222, 1061-1068.	1.2	73
3323	Age- and function-related regional changes in cortical folding of the default mode network in older adults. <i>Brain Structure and Function</i> , 2017, 222, 83-99.	1.2	50
3324	APOE $\epsilon$ 4 associated with preserved executive function performance and maintenance of temporal and cingulate brain volumes in younger adults. <i>Brain Imaging and Behavior</i> , 2017, 11, 194-204.	1.1	15
3325	Sex differences in the association between AD biomarkers and cognitive decline. <i>Brain Imaging and Behavior</i> , 2017, 11, 205-213.	1.1	220
3326	Progression from selective to general involvement of hippocampal subfields in schizophrenia. <i>Molecular Psychiatry</i> , 2017, 22, 142-152.	4.1	123
3327	Modular Development of Cortical Gray Matter Across Childhood and Adolescence. <i>Cerebral Cortex</i> , 2017, 27, 1125-1136.	1.6	28
3328	Crowdsourcing for error detection in cortical surface delineations. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2017, 12, 161-166.	1.7	8
3329	Evidence for alterations of cortical folding in anorexia nervosa. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2017, 267, 41-49.	1.8	12
3330	Combined structural and functional patterns discriminating upper limb motor disability in multiple sclerosis using multivariate approaches. <i>Brain Imaging and Behavior</i> , 2017, 11, 754-768.	1.1	26
3331	Human ROBO1 regulates white matter structure in corpus callosum. <i>Brain Structure and Function</i> , 2017, 222, 707-716.	1.2	5
3332	Structural graph-based morphometry: A multiscale searchlight framework based on sulcal pits. <i>Medical Image Analysis</i> , 2017, 35, 32-45.	7.0	13



#	ARTICLE	IF	CITATIONS
3333	Vertex- and atlas-based comparisons in measures of cortical thickness, gyrification and white matter volume between humans and chimpanzees. <i>Brain Structure and Function</i> , 2017, 222, 229-245.	1.2	33
3334	Pilot study of brain morphometry in a sample of Brazilian children with attention deficit hyperactivity disorder: influence of clinical presentation. <i>Clinical Neuroradiology</i> , 2017, 27, 503-509.	1.0	2
3335	Disease-specific patterns of cortical and subcortical degeneration in a longitudinal study of Alzheimer's disease and behavioural-variant frontotemporal dementia. <i>NeuroImage</i> , 2017, 151, 72-80.	2.1	89
3336	Divergent regional patterns of cerebral hypoperfusion and gray matter atrophy in mild cognitive impairment patients. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 814-824.	2.4	35
3337	Posterior hippocampal regional cerebral blood flow predicts abstinence: a replication study. <i>Addiction Biology</i> , 2017, 22, 857-863.	1.4	3
3338	Structural Brain Imaging of Long-Term Anabolic-Androgenic Steroid Users and Nonusing Weightlifters. <i>Biological Psychiatry</i> , 2017, 82, 294-302.	0.7	77
3339	Evaluation of brain ageing: a quantitative longitudinal MRI study over 7 years. <i>European Radiology</i> , 2017, 27, 1568-1576.	2.3	25
3340	A seed-based cross-modal comparison of brain connectivity measures. <i>Brain Structure and Function</i> , 2017, 222, 1131-1151.	1.2	24
3341	Automatic recognition of subject-specific cerebrovascular trees. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 398-410.	1.9	22
3342	Regression Models on Riemannian Symmetric Spaces. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2017, 79, 463-482.	1.1	44
3343	The effect of acquisition resolution on orientation decoding from V1 BOLD fMRI at 7 T. <i>NeuroImage</i> , 2017, 148, 64-76.	2.1	20
3344	Hippocampal subfield volumes in mood disorders. <i>Molecular Psychiatry</i> , 2017, 22, 1352-1358.	4.1	132
3345	Longitudinal changes of cortical microstructure in Parkinson's disease assessed with T1 relaxometry. <i>NeuroImage: Clinical</i> , 2017, 13, 405-414.	1.4	33
3346	Novel surface features for automated detection of focal cortical dysplasias in paediatric epilepsy. <i>NeuroImage: Clinical</i> , 2017, 14, 18-27.	1.4	84
3347	Cerebral Cortex Regions Selectively Vulnerable to Radiation Dose-Dependent Atrophy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 97, 910-918.	0.4	66
3348	In Vivo Evidence of Reduced Integrity of the Gray-White Matter Boundary in Autism Spectrum Disorder. <i>Cerebral Cortex</i> , 2017, 27, 877-887.	1.6	41
3349	A comparison of measurement methods of hippocampal atrophy rate for predicting Alzheimer's dementia in the Aberdeen Birth Cohort of 1936. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2017, 6, 31-39.	1.2	12
3350	Dynamic association between perfusion and white matter integrity across time since injury in Veterans with history of TBI. <i>NeuroImage: Clinical</i> , 2017, 14, 308-315.	1.4	31

#	ARTICLE	IF	CITATIONS
3351	The changing brain in healthy aging: a multi-MRI machine and multicenter surface-based morphometry study. <i>Proceedings of SPIE</i> , 2017, , .	0.8	1
3352	Effects of motion speed in action representations. <i>Brain and Language</i> , 2017, 168, 47-56.	0.8	7
3353	Small vessel disease is linked to disrupted structural network covariance in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2017, 13, 749-760.	0.4	30
3354	Regional staging of white matter signal abnormalities in aging and Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2017, 14, 156-165.	1.4	33
3355	Exploring the role of testosterone in the cerebellum link to neuroticism: From adolescence to early adulthood. <i>Psychoneuroendocrinology</i> , 2017, 78, 203-212.	1.3	20
3356	Brain Structure and Function Associated with Younger Adults in Growth Hormone Receptor-Deficient Humans. <i>Journal of Neuroscience</i> , 2017, 37, 1696-1707.	1.7	39
3357	Multimodal Neuroimaging Computing for the Characterization of Neurodegenerative Disorders. <i>Springer Theses</i> , 2017, , .	0.0	0
3358	Functional and Quantitative MRI Mapping of Somatomotor Representations of Human Supralaryngeal Vocal Tract. <i>Cerebral Cortex</i> , 2017, 27, 265-278.	1.6	49
3359	Associations between Measures of Structural Morphometry and Sensorimotor Performance in Individuals with Nonspecific Low Back Pain. <i>American Journal of Neuroradiology</i> , 2017, 38, 183-191.	1.2	12
3360	Structural correlates of trait impulsivity in patients with bipolar disorder and healthy controls: a surface-based morphometry study. <i>Psychological Medicine</i> , 2017, 47, 1292-1299.	2.7	16
3361	Nalmefene Reduces Reward Anticipation in Alcohol Dependence: An Experimental Functional Magnetic Resonance Imaging Study. <i>Biological Psychiatry</i> , 2017, 81, 941-948.	0.7	32
3362	Disrupted global metastability and static and dynamic brain connectivity across individuals in the Alzheimer's disease continuum. <i>Scientific Reports</i> , 2017, 7, 40268.	1.6	94
3363	Stimulus-Tuned Structure of Correlated fMRI Activity in Human Visual Cortex. <i>Cerebral Cortex</i> , 2018, 28, 693-712.	1.6	4
3364	Preliminary Report on Neuroanatomical Differences Among Reading Disabled, Nonverbally Gifted, and Gifted-Reading Disabled College Students. <i>Developmental Neuropsychology</i> , 2017, 42, 25-38.	1.0	0
3365	A methodology for assessing deployment trauma and its consequences in OEF/OIF/OND veterans: The TRACTS longitudinal prospective cohort study. <i>International Journal of Methods in Psychiatric Research</i> , 2017, 26, .	1.1	96
3366	Validation of periodic fMRI signals in response to wearable tactile stimulation. <i>NeuroImage</i> , 2017, 150, 99-111.	2.1	18
3367	Early adverse life events are associated with altered brain network architecture in a sex- dependent manner. <i>Neurobiology of Stress</i> , 2017, 7, 16-26.	1.9	43
3368	Elevated Choline-Containing Compound Levels in Rapid Cycling Bipolar Disorder. <i>Neuropsychopharmacology</i> , 2017, 42, 2252-2258.	2.8	16

#	ARTICLE	IF	CITATIONS
3369	Evaluation method for <i>in situ</i> electric field in standardized human brain for different transcranial magnetic stimulation coils. <i>Physics in Medicine and Biology</i> , 2017, 62, 2224-2238.	1.6	15
3370	Studying neuroanatomy using MRI. <i>Nature Neuroscience</i> , 2017, 20, 314-326.	7.1	220
3371	Altered structural brain changes and neurocognitive performance in pediatric HIV. <i>NeuroImage: Clinical</i> , 2017, 14, 316-322.	1.4	38
3372	Influence of FKBP5 polymorphism and DNA methylation on structural changes of the brain in major depressive disorder. <i>Scientific Reports</i> , 2017, 7, 42621.	1.6	74
3373	Whole-Brain High-Resolution Structural Connectome: Inter-Subject Validation and Application to the Anatomical Segmentation of the Striatum. <i>Brain Topography</i> , 2017, 30, 291-302.	0.8	9
3374	Hemispheric asymmetry in myelin after stroke is related to motor impairment and function. <i>NeuroImage: Clinical</i> , 2017, 14, 344-353.	1.4	23
3375	Tau and $\beta$ -Amyloid Are Associated with Medial Temporal Lobe Structure, Function, and Memory Encoding in Normal Aging. <i>Journal of Neuroscience</i> , 2017, 37, 3192-3201.	1.7	110
3376	Cognitive impairment and hippocampal atrophy in chronic kidney disease. <i>Acta Neurologica Scandinavica</i> , 2017, 136, 477-485.	1.0	30
3377	Age differences in the motor control of speech: An fMRI study of healthy aging. <i>Human Brain Mapping</i> , 2017, 38, 2751-2771.	1.9	29
3378	Robust Identification of Alzheimer's Disease subtypes based on cortical atrophy patterns. <i>Scientific Reports</i> , 2017, 7, 43270.	1.6	65
3379	Hippocampal formation alterations differently contribute to autobiographic memory deficits in mild cognitive impairment and Alzheimer's disease. <i>Hippocampus</i> , 2017, 27, 702-715.	0.9	18
3380	Consistency of EEG source localization and connectivity estimates. <i>NeuroImage</i> , 2017, 152, 590-601.	2.1	177
3381	Ventricular enlargement and progressive reduction of cortical gray matter are linked in prodromal youth who develop psychosis. <i>Schizophrenia Research</i> , 2017, 189, 169-174.	1.1	32
3382	Longitudinal quantitative MRI assessment of cortical damage in multiple sclerosis: A pilot study. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 1485-1490.	1.9	22
3383	Comparison of group-level, source localized activity for simultaneous functional near-infrared spectroscopy-magnetoencephalography and simultaneous fNIRS-fMRI during parametric median nerve stimulation. <i>Neurophotonics</i> , 2017, 4, 015001.	1.7	33
3384	Differential Regional Distribution of Juxtacortical White Matter Signal Abnormalities in Aging and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2017, 57, 293-303.	1.2	23
3385	Genetic and environmental influences on mean diffusivity and volume in subcortical brain regions. <i>Human Brain Mapping</i> , 2017, 38, 2589-2598.	1.9	15
3386	Cortical signature of clock drawing performance in Alzheimer's disease and mild cognitive impairment. <i>Journal of Psychiatric Research</i> , 2017, 90, 133-142.	1.5	11

#	ARTICLE	IF	CITATIONS
3387	Distributed representation of context by intrinsic subnetworks in prefrontal cortex. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 2030-2035.	3.3	29
3388	High b-value and high Resolution Integrated Diffusion (HIBRID) imaging. NeuroImage, 2017, 150, 162-176.	2.1	24
3389	Can responses to basic non-numerical visual features explain neural numerosity responses?. NeuroImage, 2017, 149, 200-209.	2.1	38
3390	Widespread and Opponent fMRI Signals Represent Sound Location in Macaque Auditory Cortex. Neuron, 2017, 93, 971-983.e4.	3.8	48
3391	Development of the Cerebral Cortex across Adolescence: A Multisample Study of Inter-Related Longitudinal Changes in Cortical Volume, Surface Area, and Thickness. Journal of Neuroscience, 2017, 37, 3402-3412.	1.7	496
3392	A Double Dissociation between Anterior and Posterior Superior Temporal Gyrus for Processing Audiovisual Speech Demonstrated by Electrocorticography. Journal of Cognitive Neuroscience, 2017, 29, 1044-1060.	1.1	43
3393	Utility of the cumulative stress and mismatch hypotheses in understanding the neurobiological impacts of childhood abuse and recent stress in youth with emerging mental disorder. Human Brain Mapping, 2017, 38, 2709-2721.	1.9	16
3394	Association Between the Probability of Autism Spectrum Disorder and Normative Sex-Related Phenotypic Diversity in Brain Structure. JAMA Psychiatry, 2017, 74, 329.	6.0	57
3395	Morphological brain changes associated with negative symptoms in patients with 22q11.2 Deletion Syndrome. Schizophrenia Research, 2017, 188, 52-58.	1.1	10
3396	Common and Specific Abnormalities in Cortical Thickness in Patients with Major Depressive and Bipolar Disorders. EBioMedicine, 2017, 16, 162-171.	2.7	68
3397	Association between CSF biomarkers, hippocampal volume and cognitive function in patients with amnesic mild cognitive impairment (MCI). Neurobiology of Aging, 2017, 53, 1-10.	1.5	59
3398	The Down syndrome brain in the presence and absence of fibrillar $\beta$ -amyloidosis. Neurobiology of Aging, 2017, 53, 11-19.	1.5	50
3399	Resting-State Network Topology Differentiates Task Signals across the Adult Life Span. Journal of Neuroscience, 2017, 37, 2734-2745.	1.7	72
3400	Mouth and Voice: A Relationship between Visual and Auditory Preference in the Human Superior Temporal Sulcus. Journal of Neuroscience, 2017, 37, 2697-2708.	1.7	35
3401	Circulating autoantibodies against the NR2 peptide of the NMDA receptor are associated with subclinical brain damage in hypertensive patients with other pre-existing conditions for vascular risk. Journal of the Neurological Sciences, 2017, 375, 324-330.	0.3	12
3402	Selective verbal recognition memory impairments are associated with atrophy of the language network in non-semantic variants of primary progressive aphasia. Neuropsychologia, 2017, 100, 10-17.	0.7	12
3403	High levels of neuroticism are associated with decreased cortical folding of the dorsolateral prefrontal cortex. European Archives of Psychiatry and Clinical Neuroscience, 2017, 267, 579-584.	1.8	9
3404	Metabotropic Glutamate Receptor 5 and Glutamate Involvement in Major Depressive Disorder: A Multimodal Imaging Study. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2017, 2, 449-456.	1.1	47

#	ARTICLE	IF	CITATIONS
3405	The CACNA1C risk allele rs1006737 is associated with age-related prefrontal cortical thinning in bipolar I disorder. <i>Translational Psychiatry</i> , 2017, 7, e1086-e1086.	2.4	44
3406	Transient networks of spatio-temporal connectivity map communication pathways in brain functional systems. <i>NeuroImage</i> , 2017, 155, 490-502.	2.1	65
3407	Family History of Alzheimer's Disease is Associated with Impaired Perceptual Discrimination of Novel Objects. <i>Journal of Alzheimer's Disease</i> , 2017, 57, 735-745.	1.2	13
3408	Conscientiousness is Negatively Associated with Grey Matter Volume in Young APOE ε4-Carriers. <i>Journal of Alzheimer's Disease</i> , 2017, 56, 1135-1144.	1.2	10
3409	Structural neuroplasticity of the superior temporal plane in early and late blindness. <i>Brain and Language</i> , 2017, 170, 71-81.	0.8	8
3410	Multimodal imaging of language reorganization in patients with left temporal lobe epilepsy. <i>Brain and Language</i> , 2017, 170, 82-92.	0.8	23
3411	White matter microstructure variations contribute to neurological soft signs in healthy adults. <i>Human Brain Mapping</i> , 2017, 38, 3552-3565.	1.9	16
3412	Healthy cortical development through adolescence and early adulthood. <i>Brain Structure and Function</i> , 2017, 222, 3653-3663.	1.2	30
3413	Precuneus Structure Changes in Amnesic Mild Cognitive Impairment. <i>American Journal of Alzheimer's Disease and Other Dementias</i> , 2017, 32, 22-26.	0.9	10
3414	Development of sensitivity versus specificity for print in the visual word form area. <i>Brain and Language</i> , 2017, 170, 62-70.	0.8	44
3415	Quantifying cortical development in typically developing toddlers and young children, 1-6 years of age. <i>NeuroImage</i> , 2017, 153, 246-261.	2.1	123
3416	Reliability of volumetric and surface-based normalisation and smoothing techniques for PET analysis of the cortex: A test-retest analysis using [11C]SCH-23390. <i>NeuroImage</i> , 2017, 155, 344-353.	2.1	20
3417	Longitudinal changes in brain morphology from 4 weeks to 12 months after mild traumatic brain injury: Associations with cognitive functions and clinical variables. <i>Brain Injury</i> , 2017, 31, 674-685.	0.6	21
3418	The impact of large structural brain changes in chronic stroke patients on the electric field caused by transcranial brain stimulation. <i>NeuroImage: Clinical</i> , 2017, 15, 106-117.	1.4	84
3419	The influence of hippocampal atrophy on the cognitive phenotype of dementia with Lewy bodies. <i>International Journal of Geriatric Psychiatry</i> , 2017, 32, 1182-1189.	1.3	41
3420	Breakdown of Thalamo-Cortical Connectivity Precedes Spike Generation in Focal Epilepsies. <i>Brain Connectivity</i> , 2017, 7, 309-320.	0.8	22
3421	Altered Network Topology in Patients with Primary Brain Tumors After Fractionated Radiotherapy. <i>Brain Connectivity</i> , 2017, 7, 299-308.	0.8	23
3422	Forward and inverse effects of the complete electrode model in neonatal EEG. <i>Journal of Neurophysiology</i> , 2017, 117, 876-884.	0.9	10

#	ARTICLE	IF	CITATIONS
3423	Hippocampal Volume as an Amplifier of the Effect of Social Context on Adolescent Depression. <i>Clinical Psychological Science</i> , 2017, 5, 632-649.	2.4	32
3424	Accelerated Age-Dependent Hippocampal Volume Loss in Parkinson Disease With Mild Cognitive Impairment. <i>American Journal of Alzheimer's Disease and Other Dementias</i> , 2017, 32, 313-319.	0.9	16
3425	Inferring pathobiology from structural MRI in schizophrenia and bipolar disorder: Modeling head motion and neuroanatomical specificity. <i>Human Brain Mapping</i> , 2017, 38, 3757-3770.	1.9	18
3426	Characterization of Differences in Functional Connectivity Associated with Close-Range Blast Exposure. <i>Journal of Neurotrauma</i> , 2017, 34, S-53-S-61.	1.7	26
3427	Leveraging Clinical Imaging Archives for Radiomics: Reliability of Automated Methods for Brain Volume Measurement. <i>Radiology</i> , 2017, 284, 862-869.	3.6	15
3428	Cortical Structures Associated With Sports Participation in Children: A Population-Based Study. <i>Developmental Neuropsychology</i> , 2017, 42, 58-69.	1.0	5
3429	Differences in gut microbial composition correlate with regional brain volumes in irritable bowel syndrome. <i>Microbiome</i> , 2017, 5, 49.	4.9	228
3430	Reduction of PK11195 uptake observed in multiple sclerosis lesions after natalizumab initiation. <i>Multiple Sclerosis and Related Disorders</i> , 2017, 15, 27-33.	0.9	25
3431	Only White Matter Hyperintensities Predicts Post-Stroke Cognitive Performances Among Cerebral Small Vessel Disease Markers: Results from the TABASCO Study. <i>Journal of Alzheimer's Disease</i> , 2017, 56, 1293-1299.	1.2	46
3432	Higher Peripheral TREM2 mRNA Levels Relate to Cognitive Deficits and Hippocampal Atrophy in Alzheimer's Disease and Amnesic Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2017, 58, 413-423.	1.2	38
3433	Relationship between white matter connectivity loss and cortical thinning in cerebral amyloid angiopathy. <i>Human Brain Mapping</i> , 2017, 38, 3723-3731.	1.9	18
3434	Chronic ambulatory electrocorticography from human speech cortex. <i>NeuroImage</i> , 2017, 153, 273-282.	2.1	40
3435	Stereoelectroencephalography Using Magnetic Resonance Angiography for Avascular Trajectory Planning: Technical Report. <i>Neurosurgery</i> , 2017, 81, 688-695.	0.6	18
3436	Brain Modularity Mediates the Relation between Task Complexity and Performance. <i>Journal of Cognitive Neuroscience</i> , 2017, 29, 1532-1546.	1.1	52
3437	Hippocampal dentation: Structural variation and its association with episodic memory in healthy adults. <i>Neuropsychologia</i> , 2017, 101, 65-75.	0.7	22
3438	A Novel Semiautomated Pipeline to Measure Brain Atrophy and Lesion Burden in Multiple Sclerosis: A Long-Term Comparative Study. <i>Journal of Neuroimaging</i> , 2017, 27, 620-629.	1.0	20
3439	Differential medial temporal lobe morphometric predictors of item- and relational- encoded memories in healthy individuals and in individuals with mild cognitive impairment and Alzheimer's disease. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2017, 3, 238-246.	1.8	8
3440	A peripheral epigenetic signature of immune system genes is linked to neocortical thickness and memory. <i>Nature Communications</i> , 2017, 8, 15193.	5.8	32

#	ARTICLE	IF	CITATIONS
3441	3D printed optical phantoms and deep tissue imaging for in vivo applications including oral surgery. , 2017, , .		3
3442	Gray Matter Abnormalities in Non-comorbid Medication-naive Patients with Major Depressive Disorder or Social Anxiety Disorder. EBioMedicine, 2017, 21, 228-235.	2.7	99
3443	How bilingualism protects the brain from aging: Insights from bimodal bilinguals. Human Brain Mapping, 2017, 38, 4109-4124.	1.9	33
3444	Stability of Cortical Thinning in Persons at Increased Familial Risk for Major Depressive Disorder Across 8 Years. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2017, 2, 619-625.	1.1	18
3445	Evidence for cortical structural plasticity in humans after a day of waking and sleep deprivation. NeuroImage, 2017, 156, 214-223.	2.1	36
3446	Decreased prefrontal functional brain response during memory testing in women with Cushing's syndrome in remission. Psychoneuroendocrinology, 2017, 82, 117-125.	1.3	19
3447	A dedicated network for social interaction processing in the primate brain. Science, 2017, 356, 745-749.	6.0	228
3448	Inflammation, Amyloid, and Atrophy in The Aging Brain: Relationships with Longitudinal Changes in Cognition. Journal of Alzheimer's Disease, 2017, 58, 829-840.	1.2	31
3449	Deconstructing white matter connectivity of human amygdala nuclei with thalamus and cortex subdivisions in vivo. Human Brain Mapping, 2017, 38, 3927-3940.	1.9	57
3450	Normative morphometric data for cerebral cortical areas over the lifetime of the adult human brain. NeuroImage, 2017, 156, 315-339.	2.1	64
3451	Uncovering the neuroanatomical correlates of cognitive, affective and conative theory of mind in paediatric traumatic brain injury: a neural systems perspective. Social Cognitive and Affective Neuroscience, 2017, 12, 1414-1427.	1.5	34
3452	Linking graph features of anatomical architecture to regional brain activity: A multi-modal MRI study. Neuroscience Letters, 2017, 651, 123-127.	1.0	19
3453	A wearable system for adaptation to left-to-right reversed audition tested in combination with magnetoencephalography. Biomedical Engineering Letters, 2017, 7, 205-213.	2.1	4
3454	Sex Differences in the Relationship Between Conduct Disorder and Cortical Structure in Adolescents. Journal of the American Academy of Child and Adolescent Psychiatry, 2017, 56, 703-712.	0.3	40
3455	Phonological Working Memory for Words and Nonwords in Cerebral Cortex. Journal of Speech, Language, and Hearing Research, 2017, 60, 1959-1979.	0.7	43
3456	Decreased integration and information capacity in stroke measured by whole brain models of resting state activity. Brain, 2017, 140, 1068-1085.	3.7	77
3457	Automatic segmentation of fetal brain using diffusion-weighted imaging cues. , 2017, , .		4
3458	Age-related changes in structural connectivity are improved using subject-specific thresholding. Journal of Neuroscience Methods, 2017, 288, 45-56.	1.3	5

#	ARTICLE	IF	CITATIONS
3459	Cigarette smoking is associated with amplified age-related volume loss in subcortical brain regions. <i>Drug and Alcohol Dependence</i> , 2017, 177, 228-236.	1.6	36
3460	First episode psychosis moderates the effect of gray matter volume on cognition. <i>Psychiatry Research - Neuroimaging</i> , 2017, 266, 108-113.	0.9	6
3461	Data-driven cluster selection for subcortical shape and cortical thickness predicts recovery from depressive symptoms. , 2017, 2017, 502-506.		5
3462	Cortical thickness is not associated with current depression in a clinical treatment study. <i>Human Brain Mapping</i> , 2017, 38, 4370-4385.	1.9	17
3463	Test-retest reliability of the magnetic mismatch negativity response to sound duration and omission deviants. <i>NeuroImage</i> , 2017, 157, 184-195.	2.1	41
3464	Williams syndrome-specific neuroanatomical profile and its associations with behavioral features. <i>NeuroImage: Clinical</i> , 2017, 15, 343-347.	1.4	33
3465	Hippocampal atrophy and altered brain responses to pleasant tastes among obese compared with healthy weight children. <i>International Journal of Obesity</i> , 2017, 41, 1496-1502.	1.6	48
3466	Divergent Influences of Cardiovascular Disease Risk Factor Domains on Cognition and Gray and White Matter Morphology. <i>Psychosomatic Medicine</i> , 2017, 79, 541-548.	1.3	15
3467	The Hierarchical Cortical Organization of Human Speech Processing. <i>Journal of Neuroscience</i> , 2017, 37, 6539-6557.	1.7	208
3468	Plasma Tau Association with Brain Atrophy in Mild Cognitive Impairment and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2017, 58, 1245-1254.	1.2	54
3469	Structural and functional correlates of serum soluble IL-6 receptor level in patients with bipolar disorder. <i>Journal of Affective Disorders</i> , 2017, 219, 172-177.	2.0	29
3470	High hair cortisol concentrations predict worse cognitive outcome after stroke: Results from the TABASCO prospective cohort study. <i>Psychoneuroendocrinology</i> , 2017, 82, 133-139.	1.3	31
3471	A data mining approach using cortical thickness for diagnosis and characterization of essential tremor. <i>Scientific Reports</i> , 2017, 7, 2190.	1.6	25
3472	Decomposing Tool-Action Observation: A Stereo-EEG Study. <i>Cerebral Cortex</i> , 2017, 27, 4229-4243.	1.6	12
3474	Strategy-based reasoning training modulates cortical thickness and resting-state functional connectivity in adults with chronic traumatic brain injury. <i>Brain and Behavior</i> , 2017, 7, e00687.	1.0	35
3475	Mapping 22q11.2 Gene Dosage Effects on Brain Morphometry. <i>Journal of Neuroscience</i> , 2017, 37, 6183-6199.	1.7	65
3476	Searching for behavior relating to grey matter volume in a-priori defined right dorsal premotor regions: Lessons learned. <i>NeuroImage</i> , 2017, 157, 144-156.	2.1	18
3477	Is "Learning" episodic memory? Distinct cognitive and neuroanatomic correlates of immediate recall during learning trials in neurologically normal aging and neurodegenerative cohorts. <i>Neuropsychologia</i> , 2017, 102, 19-28.	0.7	31



#	ARTICLE	IF	CITATIONS
3478	Measuring functional connectivity in stroke: Approaches and considerations. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 2665-2678.	2.4	65
3479	Multiparametric MRI to distinguish early onset Alzheimer's disease and behavioural variant of frontotemporal dementia. <i>NeuroImage: Clinical</i> , 2017, 15, 428-438.	1.4	49
3480	Association of Longitudinal Cognitive Decline With Amyloid Burden in Middle-aged and Older Adults. <i>JAMA Neurology</i> , 2017, 74, 830.	4.5	87
3481	The Role of the Primary Sensory Cortices in Early Language Processing. <i>Journal of Cognitive Neuroscience</i> , 2017, 29, 1755-1765.	1.1	7
3482	Adolescence is the starting point of sex-dichotomous COMT genetic effects. <i>Translational Psychiatry</i> , 2017, 7, e1141-e1141.	2.4	32
3483	Separable systems for recovery of finger strength and control after stroke. <i>Journal of Neurophysiology</i> , 2017, 118, 1151-1163.	0.9	94
3484	Advanced magnetic resonance imaging and neuropsychological assessment for detecting brain injury in a prospective cohort of university amateur boxers. <i>NeuroImage: Clinical</i> , 2017, 15, 194-199.	1.4	7
3485	Structural and functional brain signatures of C9orf72 in motor neuron disease. <i>Neurobiology of Aging</i> , 2017, 57, 206-219.	1.5	54
3486	Association Between Elevated Brain Amyloid and Subsequent Cognitive Decline Among Cognitively Normal Persons. <i>JAMA - Journal of the American Medical Association</i> , 2017, 317, 2305.	3.8	311
3487	Specifying the brain anatomy underlying temporo-parietal junction activations for theory of mind: A review using probabilistic atlases from different imaging modalities. <i>Human Brain Mapping</i> , 2017, 38, 4788-4805.	1.9	136
3488	Sex differences in the influence of body mass index on anatomical architecture of brain networks. <i>International Journal of Obesity</i> , 2017, 41, 1185-1195.	1.6	26
3489	Fornix Under Water? Ventricular Enlargement Biases Forniceal Diffusion Magnetic Resonance Imaging Indices in Anorexia Nervosa. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017, 2, 430-437.	1.1	25
3490	GABA content within medial prefrontal cortex predicts the variability of fronto-limbic effective connectivity. <i>Brain Structure and Function</i> , 2017, 222, 3217-3229.	1.2	29
3491	Radiation-induced abnormal cortical thickness in patients with nasopharyngeal carcinoma after radiotherapy. <i>NeuroImage: Clinical</i> , 2017, 14, 610-621.	1.4	40
3492	Cortical features of distinct developmental trajectories in patients with delusional infestation. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017, 76, 72-79.	2.5	24
3493	Inference of direct and multistep effective connectivities from functional connectivity of the brain and of relationships to cortical geometry. <i>Journal of Neuroscience Methods</i> , 2017, 283, 42-54.	1.3	18
3494	Academic Difficulties in Children with Prenatal Alcohol Exposure: Presence, Profile, and Neural Correlates. <i>Alcoholism: Clinical and Experimental Research</i> , 2017, 41, 1024-1034.	1.4	26
3495	Brain Involvement in Myotonic Dystrophy Type 1: A Morphometric and Diffusion Tensor Imaging Study with Neuropsychological Correlation. <i>Archives of Clinical Neuropsychology</i> , 2017, 32, 401-412.	0.3	39

#	ARTICLE	IF	CITATIONS
3496	Human seizures couple across spatial scales through travelling wave dynamics. <i>Nature Communications</i> , 2017, 8, 14896.	5.8	105
3497	NIVR: Neuro imaging in virtual reality. , 2017, , .		9
3498	Correlates of Perceptual Orientation Biases in Human Primary Visual Cortex. <i>Journal of Neuroscience</i> , 2017, 37, 4744-4750.	1.7	7
3499	Brain structure and verbal function across adulthood while controlling for cerebrovascular risks. <i>Human Brain Mapping</i> , 2017, 38, 3472-3490.	1.9	1
3500	Linking optic radiation volume to visual perception in schizophrenia and bipolar disorder. <i>Schizophrenia Research</i> , 2017, 190, 102-106.	1.1	12
3501	Tuning face perception with electrical stimulation of the fusiform gyrus. <i>Human Brain Mapping</i> , 2017, 38, 2830-2842.	1.9	32
3502	Brain volume changes over the first year of treatment in schizophrenia: relationships to antipsychotic treatment. <i>Psychological Medicine</i> , 2017, 47, 2187-2196.	2.7	34
3503	Lifespan Gyrfication Trajectories of Human Brain in Healthy Individuals and Patients with Major Psychiatric Disorders. <i>Scientific Reports</i> , 2017, 7, 511.	1.6	98
3504	Spatial Coregistration of Functional Near-Infrared Spectroscopy to Brain MRI. <i>Journal of Neuroimaging</i> , 2017, 27, 453-460.	1.0	16
3505	Impairment of social cognition in multiple sclerosis: Amygdala atrophy is the main predictor. <i>Multiple Sclerosis Journal</i> , 2017, 23, 1358-1366.	1.4	55
3506	Relationships between cardiorespiratory fitness, hippocampal volume, and episodic memory in a population at risk for Alzheimer's disease. <i>Brain and Behavior</i> , 2017, 7, e00625.	1.0	49
3507	Mechanisms of circumferential gyral convolution in primate brains. <i>Journal of Computational Neuroscience</i> , 2017, 42, 217-229.	0.6	22
3508	Precuneus proportions and cortical folding: A morphometric evaluation on a racially diverse human sample. <i>Annals of Anatomy</i> , 2017, 211, 120-128.	1.0	24
3509	A "Disease Severity Index"™ to identify individuals with Subjective Memory Decline who will progress to mild cognitive impairment or dementia. <i>Scientific Reports</i> , 2017, 7, 44368.	1.6	23
3510	Increased white matter radial diffusivity is associated with prefrontal cortical folding deficits in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2017, 261, 91-95.	0.9	9
3511	Striatal phosphodiesterase 10A and medial prefrontal cortical thickness in patients with schizophrenia: a PET and MRI study. <i>Translational Psychiatry</i> , 2017, 7, e1050-e1050.	2.4	24
3512	Anatomical segmentation of the human medial prefrontal cortex. <i>Journal of Comparative Neurology</i> , 2017, 525, 2376-2393.	0.9	10
3513	Cortical surface-based threshold-free cluster enhancement and cortexwise mediation. <i>Human Brain Mapping</i> , 2017, 38, 2795-2807.	1.9	18

#	ARTICLE	IF	CITATIONS
3514	Phases of Hyperconnectivity and Hypoconnectivity in the Default Mode and Salience Networks Track with Amyloid and Tau in Clinically Normal Individuals. <i>Journal of Neuroscience</i> , 2017, 37, 4323-4331.	1.7	237
3515	Associations between the CNTNAP2 gene, dorsolateral prefrontal cortex, and cognitive performance on the Stroop task. <i>Neuroscience</i> , 2017, 343, 21-29.	1.1	7
3516	Altered patterns of association between cortical thickness and subcortical volume in patients with first episode major depressive disorder: A structural MRI study. <i>Psychiatry Research - Neuroimaging</i> , 2017, 260, 16-22.	0.9	30
3517	Depressive symptoms in Parkinson's disease correlate with cortical atrophy over time. <i>Brain and Cognition</i> , 2017, 111, 127-133.	0.8	28
3518	sGraSP: A graph-based method for the derivation of subject-specific functional parcellations of the brain. <i>Journal of Neuroscience Methods</i> , 2017, 277, 1-20.	1.3	7
3519	Parahippocampal and Entorhinal Resection Extent Predicts Verbal Memory Decline in an Epilepsy Surgery Cohort. <i>Journal of Cognitive Neuroscience</i> , 2017, 29, 869-880.	1.1	11
3520	Vertex-wise examination of depressive symptom dimensions and brain volumes in older adults. <i>Psychiatry Research - Neuroimaging</i> , 2017, 260, 70-75.	0.9	10
3521	Initial body fat gain is related to brain volume changes in adolescents: A repeated-measures voxel-based morphometry study. <i>Obesity</i> , 2017, 25, 401-407.	1.5	14
3522	Cortical-amygdala volumetric ratios predict onset of symptoms of psychosis in 22q11.2 deletion syndrome. <i>Psychiatry Research - Neuroimaging</i> , 2017, 259, 10-15.	0.9	8
3523	Influence of T1-Weighted Signal Intensity on FSL Voxel-Based Morphometry and FreeSurfer Cortical Thickness. <i>American Journal of Neuroradiology</i> , 2017, 38, 726-728.	1.2	13
3524	Focal temporal pole atrophy and network degeneration in semantic variant primary progressive aphasia. <i>Brain</i> , 2017, 140, 457-471.	3.7	102
3525	Cortical Alterations in Medication-Overuse Headache. <i>Headache</i> , 2017, 57, 255-265.	1.8	16
3526	Cortical thickness in obsessive-compulsive disorder: Multisite mega-analysis of 780 brain scans from six centres. <i>British Journal of Psychiatry</i> , 2017, 210, 67-74.	1.7	88
3527	Auditory processing in noise is associated with complex patterns of disrupted functional connectivity in autism spectrum disorder. <i>Autism Research</i> , 2017, 10, 631-647.	2.1	41
3528	Development of cortical thickness and surface area in autism spectrum disorder. <i>NeuroImage: Clinical</i> , 2017, 13, 215-222.	1.4	59
3529	Cognitive and anatomical correlates of anosognosia in amnesic mild cognitive impairment and early-stage Alzheimer's disease. <i>International Psychogeriatrics</i> , 2017, 29, 293-302.	0.6	13
3530	Manipulating stored phonological input during verbal working memory. <i>Nature Neuroscience</i> , 2017, 20, 279-286.	7.1	31
3531	Retinal thinning is uniquely associated with medial temporal lobe atrophy in neurologically normal older adults. <i>Neurobiology of Aging</i> , 2017, 51, 141-147.	1.5	44

#	ARTICLE	IF	CITATIONS
3532	Group comparison of cortical fiber connectivity map: An application between post-stroke patients and healthy subjects. <i>Neuroscience</i> , 2017, 344, 15-24.	1.1	5
3533	Measuring MEG closer to the brain: Performance of on-scalp sensor arrays. <i>NeuroImage</i> , 2017, 147, 542-553.	2.1	202
3534	Neuroanatomical correlates of prion disease progression - a 3T longitudinal voxel-based morphometry study. <i>NeuroImage: Clinical</i> , 2017, 13, 89-96.	1.4	8
3535	Pregnancy leads to long-lasting changes in human brain structure. <i>Nature Neuroscience</i> , 2017, 20, 287-296.	7.1	456
3536	Cardiorespiratory fitness is differentially associated with cortical thickness in young and older adults. <i>NeuroImage</i> , 2017, 146, 1084-1092.	2.1	61
3537	Adaptive smoothing based on Gaussian processes regression increases the sensitivity and specificity of fMRI data. <i>Human Brain Mapping</i> , 2017, 38, 1438-1459.	1.9	17
3538	Development of the Visual Word Form Area Requires Visual Experience: Evidence from Blind Braille Readers. <i>Journal of Neuroscience</i> , 2017, 37, 11495-11504.	1.7	53
3539	Evolution of DWI lesions in cerebral amyloid angiopathy. <i>Neurology</i> , 2017, 89, 2136-2142.	1.5	44
3540	Who Can Deviate from the Party Line? Political Ideology Moderates Evaluation of Incongruent Policy Positions in Insula and Anterior Cingulate Cortex. <i>Social Justice Research</i> , 2017, 30, 355-380.	0.6	9
3541	Targeted neurogenesis pathway-based gene analysis identifies ADORA2A associated with hippocampal volume in mild cognitive impairment and Alzheimer's disease. <i>Neurobiology of Aging</i> , 2017, 60, 92-103.	1.5	70
3542	Callosal microstructure affects the timing of electrophysiological left-right differences. <i>NeuroImage</i> , 2017, 163, 310-318.	2.1	19
3543	Information processing deficits as a driving force for memory impairment in MS: A cross-sectional study of memory functions and MRI in early and late stage MS. <i>Multiple Sclerosis and Related Disorders</i> , 2017, 18, 119-127.	0.9	8
3544	Age-Related Changes in Topological Degradation of White Matter Networks and Gene Expression in Chronic Schizophrenia. <i>Brain Connectivity</i> , 2017, 7, 574-589.	0.8	8
3545	Classification of Schizophrenia Based on Individual Hierarchical Brain Networks Constructed From Structural MRI Images. <i>IEEE Transactions on Nanobioscience</i> , 2017, 16, 600-608.	2.2	38
3546	Structural plasticity of the social brain: Differential change after socio-affective and cognitive mental training. <i>Science Advances</i> , 2017, 3, e1700489.	4.7	184
3547	Olfactory identification in subjective cognitive decline and mild cognitive impairment: Association with tau but not amyloid positron emission tomography. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2017, 9, 57-66.	1.2	44
3548	Structural Covariance Patterns in Migraine: A Cross-sectional Study Exploring the Role of the Hippocampus. <i>Headache</i> , 2017, 57, 1522-1531.	1.8	40
3549	Resting-state Functional Magnetic Resonance Imaging in Presurgical Functional Mapping. <i>Neuroimaging Clinics of North America</i> , 2017, 27, 621-633.	0.5	53

#	ARTICLE	IF	CITATIONS
3550	Task-evoked pupil dilation and BOLD variance as indicators of locus coeruleus dysfunction. <i>Cortex</i> , 2017, 97, 60-69.	1.1	45
3551	<scp>BDNF</scp> and <scp>BMI</scp> effects on brain structures of bipolar offspring: results from the global mood and brain science initiative. <i>Acta Psychiatrica Scandinavica</i> , 2017, 136, 607-614.	2.2	16
3552	CHIPS â€œ A Service for Collecting, Organizing, Processing, and Sharing Medical Image Data in the Cloud. <i>Lecture Notes in Computer Science</i> , 2017, , 29-35.	1.0	2
3553	TLR4 Methylation Moderates the Relationship Between Alcohol Use Severity and Gray Matter Loss. <i>Journal of Studies on Alcohol and Drugs</i> , 2017, 78, 696-705.	0.6	5
3554	Psilocybin for treatment-resistant depression: fMRI-measured brain mechanisms. <i>Scientific Reports</i> , 2017, 7, 13187.	1.6	346
3555	Assessing neural tuning for object perception in schizophrenia and bipolar disorder with multivariate pattern analysis of fMRI data. <i>NeuroImage: Clinical</i> , 2017, 16, 491-497.	1.4	18
3556	Hemispheric asymmetry of the frontolimbic cortex in young adults with borderline personality disorder. <i>Acta Psychiatrica Scandinavica</i> , 2017, 136, 637-647.	2.2	9
3557	Shape-Attributes of Brain Structures as Biomarkers for Alzheimerâ€™s Disease. <i>Journal of Alzheimer's Disease</i> , 2017, 56, 287-295.	1.2	16
3558	Cortical pathology in multiple sclerosis detected by the <scp>T</scp>1/<scp>T</scp>2â€weighted ratio from routine magnetic resonance imaging. <i>Annals of Neurology</i> , 2017, 82, 519-529.	2.8	102
3559	Precuneus abnormalities in middle-aged to older adults with depressive symptoms: An analysis of BDI-II symptom dimensions. <i>Psychiatry Research - Neuroimaging</i> , 2017, 268, 9-14.	0.9	10
3560	Structural hemispheric asymmetries underlie verbal Stroop performance. <i>Behavioural Brain Research</i> , 2017, 335, 167-173.	1.2	6
3561	Face percept formation in human ventral temporal cortex. <i>Journal of Neurophysiology</i> , 2017, 118, 2614-2627.	0.9	23
3562	Avoiding math on a rapid timescale: Emotional responsivity and anxious attention in math anxiety. <i>Brain and Cognition</i> , 2017, 118, 100-107.	0.8	48
3563	Reduced Inferior and Orbital Frontal Thickness in Adolescent Bulimia Nervosa Persists Over Two-Year Follow-Up. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2017, 56, 866-874.e7.	0.3	20
3564	Brain structural changes in late-life generalized anxiety disorder. <i>Psychiatry Research - Neuroimaging</i> , 2017, 268, 15-21.	0.9	31
3565	Combat Exposure Severity Is Associated With Reduced Cortical Thickness in Combat Veterans: A Preliminary Report. <i>Chronic Stress</i> , 2017, 1, 247054701772471.	1.7	25
3566	Prefrontal Cortical Thickening after Mild Traumatic Brain Injury: A One-Year Magnetic Resonance Imaging Study. <i>Journal of Neurotrauma</i> , 2017, 34, 3270-3279.	1.7	32
3567	Neuroanatomical foundations of delayed reward discounting decision making. <i>NeuroImage</i> , 2017, 161, 261-270.	2.1	54

#	ARTICLE	IF	CITATIONS
3568	Complexity analysis of cortical surface detects changes in future Alzheimer's disease converters. <i>Human Brain Mapping</i> , 2017, 38, 5905-5918.	1.9	41
3569	Neural correlates of durable memories across the adult lifespan: brain activity at encoding and retrieval. <i>Neurobiology of Aging</i> , 2017, 60, 20-33.	1.5	15
3570	How to target inter-regional phase synchronization with dual-site Transcranial Alternating Current Stimulation. <i>NeuroImage</i> , 2017, 163, 68-80.	2.1	94
3571	Personalized structural image analysis in patients with temporal lobe epilepsy. <i>Scientific Reports</i> , 2017, 7, 10883.	1.6	10
3572	Effect of Field Spread on Resting-State Magneto Encephalography Functional Network Analysis: A Computational Modeling Study. <i>Brain Connectivity</i> , 2017, 7, 541-557.	0.8	12
3573	A structural MRI study of excoriation (skin-picking) disorder and its relationship to clinical severity. <i>Psychiatry Research - Neuroimaging</i> , 2017, 269, 26-30.	0.9	14
3574	Subject-Specific Structural Parcellations Based on Randomized AB-divergences. <i>Lecture Notes in Computer Science</i> , 2017, 10433, 407-415.	1.0	3
3575	Hippocampal metabolism and prefrontal brain structure: A combined 1H-MR spectroscopy, neuropsychological, and voxel-based morphometry (VBM) study. <i>Brain Research</i> , 2017, 1677, 14-19.	1.1	11
3576	Mapping the complex topological organization of the human parietal face area. <i>NeuroImage</i> , 2017, 163, 459-470.	2.1	20
3577	Simulation of spreading depolarization trajectories in cerebral cortex: Correlation of velocity and susceptibility in patients with aneurysmal subarachnoid hemorrhage. <i>NeuroImage: Clinical</i> , 2017, 16, 524-538.	1.4	22
3578	Active prosthesis dependent functional cortical reorganization following stroke. <i>Scientific Reports</i> , 2017, 7, 8680.	1.6	5
3579	MHC matching improves engraftment of iPSC-derived neurons in non-human primates. <i>Nature Communications</i> , 2017, 8, 385.	5.8	178
3580	Individual differences in regional cortical volumes across the life span are associated with regional optical measures of arterial elasticity. <i>NeuroImage</i> , 2017, 162, 199-213.	2.1	23
3581	Medial prefrontal cortical thinning mediates shifts in other-regarding preferences during adolescence. <i>Scientific Reports</i> , 2017, 7, 8510.	1.6	24
3582	Functional density and edge maps: Characterizing functional architecture in individuals and improving cross-subject registration. <i>NeuroImage</i> , 2017, 158, 346-355.	2.1	28
3583	Advanced morphological neuroimaging study in lateral temporal lobe epilepsy: A multicentric study. <i>Epilepsy and Behavior</i> , 2017, 74, 69-72.	0.9	0
3584	Columnar Segregation of Magnocellular and Parvocellular Streams in Human Extrastriate Cortex. <i>Journal of Neuroscience</i> , 2017, 37, 8014-8032.	1.7	59
3585	Examination of the validity of the atlas-informed approach to functional parcellation. <i>NeuroReport</i> , 2017, 28, 649-653.	0.6	1

#	ARTICLE	IF	CITATIONS
3586	Mapping effective connectivity within cortical networks with diffuse optical tomography. <i>Neurophotonics</i> , 2017, 4, 041402.	1.7	9
3587	Distinct multivariate brain morphological patterns and their added predictive value with cognitive and polygenic risk scores in mental disorders. <i>NeuroImage: Clinical</i> , 2017, 15, 719-731.	1.4	89
3588	Geschwind Syndrome in frontotemporal lobar degeneration: Neuroanatomical and neuropsychological features over 9 years. <i>Cortex</i> , 2017, 94, 27-38.	1.1	26
3589	The relationship between brain volumes and intelligence in bipolar disorder. <i>Journal of Affective Disorders</i> , 2017, 223, 59-64.	2.0	12
3590	Cortical gyrification is abnormal in children with prenatal alcohol exposure. <i>NeuroImage: Clinical</i> , 2017, 15, 391-400.	1.4	39
3591	The impact of T1 versus EPI spatial normalization templates for fMRI data analyses. <i>Human Brain Mapping</i> , 2017, 38, 5331-5342.	1.9	179
3592	Precision Functional Mapping of Individual Human Brains. <i>Neuron</i> , 2017, 95, 791-807.e7.	3.8	948
3593	<sup>18</sup> F-AV1451 and CSF $\tau$ and $\text{p}\tau$ as biomarkers in Alzheimer's disease. <i>EMBO Molecular Medicine</i> , 2017, 9, 1212-1223.	3.3	156
3594	Neanderthal-Derived Genetic Variation Shapes Modern Human Cranium and Brain. <i>Scientific Reports</i> , 2017, 7, 6308.	1.6	36
3595	Evaluation of realistic layouts for next generation on-scalp MEG: spatial information density maps. <i>Scientific Reports</i> , 2017, 7, 6974.	1.6	39
3596	Altered structural network architecture is predictive of the presence of psychotic symptoms in patients with 22q11.2 deletion syndrome. <i>NeuroImage: Clinical</i> , 2017, 16, 142-150.	1.4	18
3597	Midlife anticholinergic drug use, risk of Alzheimer's disease, and brain atrophy in community-dwelling older adults. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2017, 3, 471-479.	1.8	45
3598	Cortical thickness and subcortical structure volume abnormalities in patients with major depression with and without anxious symptoms. <i>Brain and Behavior</i> , 2017, 7, e00754.	1.0	60
3599	Lifetime PTSD and geriatric depression symptomatology relate to altered dorsomedial frontal and amygdala morphometry. <i>Psychiatry Research - Neuroimaging</i> , 2017, 267, 59-68.	0.9	7
3600	Inter-subject alignment of MEG datasets in a common representational space. <i>Human Brain Mapping</i> , 2017, 38, 4287-4301.	1.9	13
3601	Partial volume model for brain MRI scan using MP2RAGE. <i>Human Brain Mapping</i> , 2017, 38, 5115-5127.	1.9	9
3602	Measuring the effects of attention to individual fingertips in somatosensory cortex using ultra-high field (7T) fMRI. <i>NeuroImage</i> , 2017, 161, 179-187.	2.1	45
3603	Goal-Directed Visual Processing Differentially Impacts Human Ventral and Dorsal Visual Representations. <i>Journal of Neuroscience</i> , 2017, 37, 8767-8782.	1.7	89

#	ARTICLE	IF	CITATIONS
3604	18F-FDG PET hypometabolism patterns reflect clinical heterogeneity in sporadic forms of early-onset Alzheimer's disease. <i>Neurobiology of Aging</i> , 2017, 59, 184-196.	1.5	27
3605	Two areas for familiar face recognition in the primate brain. <i>Science</i> , 2017, 357, 591-595.	6.0	98
3606	What can Cortical Development in Attention-Deficit/Hyperactivity Disorder Teach us About the Early Developmental Mechanisms Involved?. <i>Cerebral Cortex</i> , 2017, 27, 4624-4634.	1.6	42
3607	Type 2 Diabetes Mellitus and Impaired Renal Function Are Associated With Brain Alterations and Poststroke Cognitive Decline. <i>Stroke</i> , 2017, 48, 2368-2374.	1.0	43
3608	Sensory-Biased and Multiple-Demand Processing in Human Lateral Frontal Cortex. <i>Journal of Neuroscience</i> , 2017, 37, 8755-8766.	1.7	46
3609	Anatomic consistencies across epilepsies: a stereotactic-EEG informed high-resolution structural connectivity study. <i>Brain</i> , 2017, 140, 2639-2652.	3.7	77
3610	Neural predictors of motor control and impact of visuo- proprioceptive information in youth. <i>Human Brain Mapping</i> , 2017, 38, 5628-5647.	1.9	6
3611	Performance evaluation of FreeSurfer medical application in cloud computing. <i>IEEE Latin America Transactions</i> , 2017, 15, 2232-2237.	1.2	2
3612	Inter and intra-hemispheric structural imaging markers predict depression relapse after electroconvulsive therapy: a multisite study. <i>Translational Psychiatry</i> , 2017, 7, 1270.	2.4	21
3613	Discrete and continuous mechanisms of temporal selection in rapid visual streams. <i>Nature Communications</i> , 2017, 8, 1955.	5.8	94
3614	Findings of Vascular Brain Injury and Structural Loss from Cranial Magnetic Resonance Imaging in Elderly American Indians: The Strong Heart Study. <i>Neuroepidemiology</i> , 2017, 48, 39-47.	1.1	16
3615	Sparsity enables estimation of both subcortical and cortical activity from MEG and EEG. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E10465-E10474.	3.3	106
3616	Persistent post-traumatic headache vs. migraine: an MRI study demonstrating differences in brain structure. <i>Journal of Headache and Pain</i> , 2017, 18, 87.	2.5	82
3617	Perceptual integration and attention in human extrastriate cortex. <i>Scientific Reports</i> , 2017, 7, 14848.	1.6	6
3618	[[CaPa144]]: AUTOMATED FEATURE EXTRACTION ALGORITHM FOR T1-MRI DATA SELECTS AD-VULNERABLE REGIONS TO SEPARATE MCI INDIVIDUALS FROM COGNITIVELY NORMAL CONTROLS. <i>Alzheimer's and Dementia</i> , 2017, 13, P109.	0.4	0
3619	Neuronal baseline shifts underlying boundary setting during free recall. <i>Nature Communications</i> , 2017, 8, 1301.	5.8	25
3620	Migraine Subclassification via a Data-Driven Automated Approach Using Multimodality Factor Mixture Modeling of Brain Structure Measurements. <i>Headache</i> , 2017, 57, 1051-1064.	1.8	22
3621	Subcortical brain atrophy in Gulf War Illness. <i>Experimental Brain Research</i> , 2017, 235, 2777-2786.	0.7	38



#	ARTICLE	IF	CITATIONS
3622	A comparison of five partial volume correction methods for Tau and Amyloid PET imaging with [18F]THK5351 and [11C]PIB. <i>Annals of Nuclear Medicine</i> , 2017, 31, 563-569.	1.2	29
3623	A deformable model for the reconstruction of the neonatal cortex. , 2017, , .		29
3624	Deep learning of texture and structural features for multiclass Alzheimer's disease classification. , 2017, , .		37
3625	End-to-end learning of brain tissue segmentation from imperfect labeling. , 2017, , .		16
3626	Evaluating Alzheimer's disease biomarkers as mediators of age-related cognitive decline. <i>Neurobiology of Aging</i> , 2017, 58, 120-128.	1.5	22
3627	Retinotopic Organization of Scene Areas in Macaque Inferior Temporal Cortex. <i>Journal of Neuroscience</i> , 2017, 37, 7373-7389.	1.7	57
3628	Advances in Neuroimaging for Neurodegenerative Disease. <i>Advances in Neurobiology</i> , 2017, 15, 451-478.	1.3	5
3629	White matter correlates of impaired attention control in major depressive disorder and healthy volunteers. <i>Journal of Affective Disorders</i> , 2017, 222, 103-111.	2.0	26
3630	Cooperation Not Competition: Bihemispheric tDCS and fMRI Show Role for Ipsilateral Hemisphere in Motor Learning. <i>Journal of Neuroscience</i> , 2017, 37, 7500-7512.	1.7	66
3631	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
3632	Inferring functional connectivity in fMRI using minimum partial correlation. <i>International Journal of Automation and Computing</i> , 2017, 14, 371-385.	4.5	5
3633	An Integrated Assessment of Changes in Brain Structure and Function of the Insula Resulting from an Intensive Mindfulness-Based Intervention. <i>Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice</i> , 2017, 1, 327-336.	0.8	10
3634	The relevance of feature selection methods to the classification of obsessive-compulsive disorder based on volumetric measures. <i>Journal of Affective Disorders</i> , 2017, 222, 49-56.	2.0	15
3635	Reduced response cluster size in early visual areas explains the acuity deficit in amblyopia. <i>NeuroReport</i> , 2017, 28, 397-403.	0.6	4
3636	Distinguishing early and late brain aging from the Alzheimer's disease spectrum: consistent morphological patterns across independent samples. <i>NeuroImage</i> , 2017, 158, 282-295.	2.1	41
3637	Brain Structure and Response to Emotional Stimuli as Related to Gut Microbial Profiles in Healthy Women. <i>Psychosomatic Medicine</i> , 2017, 79, 905-913.	1.3	158
3638	Dynamics of human subthalamic neuron phase-locking to motor and sensory cortical oscillations during movement. <i>Journal of Neurophysiology</i> , 2017, 118, 1472-1487.	0.9	39
3639	Saturation in Phosphene Size with Increasing Current Levels Delivered to Human Visual Cortex. <i>Journal of Neuroscience</i> , 2017, 37, 7188-7197.	1.7	54

#	ARTICLE	IF	CITATIONS
3640	Large-scale structural alteration of brain in epileptic children with SCN1A mutation. <i>NeuroImage: Clinical</i> , 2017, 15, 594-600.	1.4	19
3641	Joint prediction of multiple scores captures better individual traits from brain images. <i>NeuroImage</i> , 2017, 158, 145-154.	2.1	35
3642	In need of constraint: Understanding the role of the cingulate cortex in the impulsive mind. <i>NeuroImage</i> , 2017, 146, 804-813.	2.1	24
3643	Gradients of connectivity distance are anchored in primary cortex. <i>Brain Structure and Function</i> , 2017, 222, 2173-2182.	1.2	57
3644	The moderating effects of sex on insula subdivision structure in youth with posttraumatic stress symptoms. <i>Depression and Anxiety</i> , 2017, 34, 51-58.	2.0	38
3645	White matter structure in the right planum temporale region correlates with visual motion detection thresholds in deaf people. <i>Hearing Research</i> , 2017, 343, 64-71.	0.9	19
3646	Characterizing familial corticobasal syndrome due to Alzheimer's disease pathology and PSEN1 mutations. , 2017, 13, 520-530.		14
3647	High-resolution retinotopic maps estimated with magnetoencephalography. <i>NeuroImage</i> , 2017, 145, 107-117.	2.1	30
3648	Bilingualism influences structural indices of interhemispheric organization. <i>Journal of Neurolinguistics</i> , 2017, 42, 1-11.	0.5	41
3649	Spatiotemporal characteristics of sleep spindles depend on cortical location. <i>NeuroImage</i> , 2017, 146, 236-245.	2.1	68
3650	Hippocampus and amygdala volume in relation to migraine frequency and prognosis. <i>Cephalalgia</i> , 2017, 37, 1329-1336.	1.8	50
3651	Robust skull stripping using multiple MR image contrasts insensitive to pathology. <i>NeuroImage</i> , 2017, 146, 132-147.	2.1	84
3652	Differential associations between systemic markers of disease and cortical thickness in healthy middle-aged and older adults. <i>NeuroImage</i> , 2017, 146, 19-27.	2.1	12
3653	Brain structural imaging of receptive speech and beyond: a review of current methods. <i>Language, Cognition and Neuroscience</i> , 2017, 32, 870-890.	0.7	5
3654	Cognitive phenotypes in parkinson's disease differ in terms of brain network organization and connectivity. <i>Human Brain Mapping</i> , 2017, 38, 1604-1621.	1.9	84
3655	Scene segmentation in early visual cortex during suppression of ventral stream regions. <i>NeuroImage</i> , 2017, 146, 71-80.	2.1	12
3656	Individual variation in intentionality in the mind-wandering state is reflected in the integration of the default-mode, fronto-parietal, and limbic networks. <i>NeuroImage</i> , 2017, 146, 226-235.	2.1	127
3657	Genetic and environmental influences on cortical mean diffusivity. <i>NeuroImage</i> , 2017, 146, 90-99.	2.1	37

#	ARTICLE	IF	CITATIONS
3658	Cortical folding patterns are associated with impulsivity in healthy young adults. <i>Brain Imaging and Behavior</i> , 2017, 11, 1592-1603.	1.1	20
3659	Non-uniform phase sensitivity in spatial frequency maps of the human visual cortex. <i>Journal of Physiology</i> , 2017, 595, 1351-1363.	1.3	4
3660	The relationship of impulsivity and cortical thickness in depressed and non-depressed adolescents. <i>Brain Imaging and Behavior</i> , 2017, 11, 1515-1525.	1.1	24
3661	Altered brain network integrity after childhood maltreatment: A structural connectomic DTI-study. <i>Human Brain Mapping</i> , 2017, 38, 855-868.	1.9	54
3662	Brain structural profile of multiple system atrophy patients with cognitive impairment. <i>Journal of Neural Transmission</i> , 2017, 124, 293-302.	1.4	46
3663	Functional connectivity abnormalities and associated cognitive deficits in fetal alcohol Spectrum disorders (FASD). <i>Brain Imaging and Behavior</i> , 2017, 11, 1432-1445.	1.1	51
3664	Cognitive impairment and magnetic resonance imaging correlates in primary progressive multiple sclerosis. <i>Acta Neurologica Scandinavica</i> , 2017, 136, 109-115.	1.0	18
3665	Increased cerebral blood flow among adolescents with bipolar disorder at rest is reduced following acute aerobic exercise. <i>Journal of Affective Disorders</i> , 2017, 208, 205-213.	2.0	24
3666	Increased brain connectivity and activation after cognitive rehabilitation in Parkinson's disease: a randomized controlled trial. <i>Brain Imaging and Behavior</i> , 2017, 11, 1640-1651.	1.1	43
3667	Energy expenditure in frontotemporal dementia: a behavioural and imaging study. <i>Brain</i> , 2017, 140, 171-183.	3.7	43
3668	Local gyrification index in patients with major depressive disorder and its association with tryptophan hydroxylase-2 (TPH2) polymorphism. <i>Human Brain Mapping</i> , 2017, 38, 1299-1310.	1.9	35
3669	Insulin-like growth factor binding protein-2 interactions with Alzheimer's disease biomarkers. <i>Brain Imaging and Behavior</i> , 2017, 11, 1779-1786.	1.1	23
3670	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
3671	Neural Predictors of Initiating Alcohol Use During Adolescence. <i>American Journal of Psychiatry</i> , 2017, 174, 172-185.	4.0	103
3672	Cognitive reserve and cortical thickness in preclinical Alzheimer's disease. <i>Brain Imaging and Behavior</i> , 2017, 11, 357-367.	1.1	45
3673	Allometric scaling of brain regions to intra-cranial volume: An epidemiological MRI study. <i>Human Brain Mapping</i> , 2017, 38, 151-164.	1.9	32
3674	The pace of vocabulary growth during preschool predicts cortical structure at school age. <i>Neuropsychologia</i> , 2017, 98, 13-23.	0.7	25
3675	Random forest regression for magnetic resonance image synthesis. <i>Medical Image Analysis</i> , 2017, 35, 475-488.	7.0	136

#	ARTICLE	IF	CITATIONS
3676	Progressive deterioration of thalamic nuclei relates to cortical network decline in schizophrenia. <i>Schizophrenia Research</i> , 2017, 180, 21-27.	1.1	20
3677	Auditory Cortex Characteristics in Schizophrenia: Associations With Auditory Hallucinations. <i>Schizophrenia Bulletin</i> , 2017, 43, 75-83.	2.3	62
3678	Differential age-related gray and white matter impact mediates educational influence on elders' cognition. <i>Brain Imaging and Behavior</i> , 2017, 11, 318-332.	1.1	27
3679	Conformal invariants for multiply connected surfaces: Application to landmark curve-based brain morphometry analysis. <i>Medical Image Analysis</i> , 2017, 35, 517-529.	7.0	9
3680	On the accuracy and reproducibility of a novel probabilistic atlas-based generation for calculation of head attenuation maps on integrated PET/MR scanners. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 44, 398-407.	3.3	19
3681	Reduced Left Lateralization of Language in Congenitally Blind Individuals. <i>Journal of Cognitive Neuroscience</i> , 2017, 29, 65-78.	1.1	37
3682	Decoding information about dynamically occluded objects in visual cortex. <i>NeuroImage</i> , 2017, 146, 778-788.	2.1	27
3683	Neural mechanisms of cue-approach training. <i>NeuroImage</i> , 2017, 151, 92-104.	2.1	25
3684	Cortical thickness of neural substrates supporting cognitive empathy in individuals with schizophrenia. <i>Schizophrenia Research</i> , 2017, 179, 119-124.	1.1	26
3685	NeuroDebian Virtual Machine Deployment Facilitates Trainee-Driven Bedside Neuroimaging Research. <i>Journal of Child Neurology</i> , 2017, 32, 29-34.	0.7	0
3686	Simultaneous total intracranial volume and posterior fossa volume estimation using multi-atlas label fusion. <i>Human Brain Mapping</i> , 2017, 38, 599-616.	1.9	32
3687	Segmenting and validating brain tissue definitions in the presence of varying tissue contrast. <i>Magnetic Resonance Imaging</i> , 2017, 35, 98-116.	1.0	2
3688	In vivo detection of connectivity between cortical and white matter lesions in early MS. <i>Multiple Sclerosis Journal</i> , 2017, 23, 973-981.	1.4	4
3689	Multi-parameter machine learning approach to the neuroanatomical basis of developmental dyslexia. <i>Human Brain Mapping</i> , 2017, 38, 900-908.	1.9	44
3690	CSF neurofilament light levels predict hippocampal atrophy in cognitively healthy older adults. <i>Neurobiology of Aging</i> , 2017, 49, 138-144.	1.5	60
3691	The C677T Variant in MTHFR Modulates Associations Between Brain Integrity, Mood, and Cognitive Functioning in Old Age. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017, 2, 280-288.	1.1	12
3692	A practical guide for the identification of major sulcogyral structures of the human cortex. <i>Brain Structure and Function</i> , 2017, 222, 2001-2015.	1.2	37
3693	Regional Gray Matter Volume Loss Is Associated with Gait Impairments in Young Brain-Injured Individuals. <i>Journal of Neurotrauma</i> , 2017, 34, 1022-1034.	1.7	17

#	ARTICLE	IF	CITATIONS
3694	Individual prediction of long-term outcome in adolescents at ultra-high risk for psychosis: Applying machine learning techniques to brain imaging data. <i>Human Brain Mapping</i> , 2017, 38, 704-714.	1.9	56
3695	Categorical Versus Dimensional Approaches to Autism-Associated Intermediate Phenotypes in 22q11.2 Microdeletion Syndrome. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017, 2, 53-65.	1.1	15
3696	Mapping temporo-parietal and temporo-occipital cortico-cortical connections of the human middle longitudinal fascicle in subject-specific, probabilistic, and stereotaxic Talairach spaces. <i>Brain Imaging and Behavior</i> , 2017, 11, 1258-1277.	1.1	43
3697	The Neuro Bureau ADHD-200 Preprocessed repository. <i>NeuroImage</i> , 2017, 144, 275-286.	2.1	183
3698	Rapid language-related plasticity: microstructural changes in the cortex after a short session of new word learning. <i>Brain Structure and Function</i> , 2017, 222, 1231-1241.	1.2	59
3699	Developmental trajectories of EEG sleep slow wave activity as a marker for motor skill development during adolescence: a pilot study. <i>Developmental Psychobiology</i> , 2017, 59, 5-14.	0.9	17
3700	Unrealistic self-overconfidence in schizophrenia is associated with left presubiculum atrophy and impaired episodic memory. <i>Cortex</i> , 2017, 86, 132-139.	1.1	22
3701	Effects of early life stress on depression, cognitive performance and brain morphology. <i>Psychological Medicine</i> , 2017, 47, 171-181.	2.7	222
3702	Alcohol use is associated with thinner cerebral cortex and larger ventricles in schizophrenia, bipolar disorder and healthy controls. <i>Psychological Medicine</i> , 2017, 47, 655-668.	2.7	22
3703	Diagnostic model generated by MRI-derived brain features in toddlers with autism spectrum disorder. <i>Autism Research</i> , 2017, 10, 620-630.	2.1	48
3704	Cerebellar Volume in Children With Attention-Deficit Hyperactivity Disorder (ADHD). <i>Journal of Child Neurology</i> , 2017, 32, 215-221.	0.7	39
3705	Association Between Falls and Brain Subvolumes: Results from a Cross-Sectional Analysis in Healthy Older Adults. <i>Brain Topography</i> , 2017, 30, 272-280.	0.8	14
3706	Individual differences in brainstem and basal ganglia structure predict postural control and balance loss in young and older adults. <i>Neurobiology of Aging</i> , 2017, 50, 47-59.	1.5	52
3707	Consistent Functional Connectivity Alterations in Schizophrenia Spectrum Disorder: A Multisite Study. <i>Schizophrenia Bulletin</i> , 2017, 43, 914-924.	2.3	75
3708	Visualizing Shape Deformations with Variation of Geometric Spectrum. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2017, 23, 721-730.	2.9	5
3709	Repetition reveals ups and downs of hippocampal, thalamic, and neocortical engagement during mnemonic decisions. <i>Hippocampus</i> , 2017, 27, 169-183.	0.9	20
3710	Motion-related artifacts in structural brain images revealed with independent estimates of in-scanner head motion. <i>Human Brain Mapping</i> , 2017, 38, 472-492.	1.9	151
3711	Effects of cigarette smoking on cortical thickness in major depressive disorder. <i>Journal of Psychiatric Research</i> , 2017, 84, 1-8.	1.5	25

#	ARTICLE	IF	CITATIONS
3712	Individual-specific features of brain systems identified with resting state functional correlations. <i>NeuroImage</i> , 2017, 146, 918-939.	2.1	195
3713	Investigating white matter fibre density and morphology using fixel-based analysis. <i>NeuroImage</i> , 2017, 144, 58-73.	2.1	437
3714	Relationship between structural and functional connectivity change across the adult lifespan: A longitudinal investigation. <i>Human Brain Mapping</i> , 2017, 38, 561-573.	1.9	82
3715	Altered Wiring of the Human Structural Connectome in Adults with Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2017, 34, 1035-1044.	1.7	30
3716	Diverse coordinate frames on sensorimotor areas in visuomotor transformation. <i>Scientific Reports</i> , 2017, 7, 14950.	1.6	8
3717	Modelling neuroanatomical variation during childhood and adolescence with neighbourhood-preserving embedding. <i>Scientific Reports</i> , 2017, 7, 17796.	1.6	24
3718	A Systematic Relationship Between Functional Connectivity and Intracortical Myelin in the Human Cerebral Cortex. <i>Cerebral Cortex</i> , 2017, 27, 981-997.	1.6	233
3719	Circulating Progenitor Cells Correlate with Memory, Posterior Cortical Thickness, and Hippocampal Perfusion. <i>Journal of Alzheimer's Disease</i> , 2017, 61, 91-101.	1.2	17
3720	Brain structure in women at risk of postpartum psychosis: an MRI study. <i>Translational Psychiatry</i> , 2017, 7, 1286.	2.4	26
3721	Fully Automatic MRI-Based Hippocampus Volumetry Using FSL-FIRST: Intra-Scanner Test-Retest Stability, Inter-Field Strength Variability, and Performance as Enrichment Biomarker for Clinical Trials Using Prodromal Target Populations at Risk for Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2017, 60, 151-164.	1.2	7
3722	Does sleep disruption mediate the effects of childhood maltreatment on brain structure?. <i>HÅrge Utbildning</i> , 2017, 8, 1450594.	1.4	23
3723	The arcuate fasciculus network and verbal deficits in psychosis. <i>Translational Neuroscience</i> , 2017, 8, 117-126.	0.7	4
3724	Shared high value research resources: The CamCAN human lifespan neuroimaging dataset processed on the open science grid. , 2017, , .		1
3725	åÿªëŽèĵéçš,,å½çæœµ«é†åĵĵ4š3Tă,ž7Té«~â†è¾4”çŁâ...±æCE”ç”æž,,æ^âfâ—è•è€...â†...æ”è¾4f. <i>Chinese Medical Sciences Journal</i>		
3726	Spatial regularization based on dMRI to solve EEG/MEG inverse problem. , 2017, 2017, 3608-3611.		2
3727	Variability in TDCS electric fields: Effects of electrode size and configuration. , 2017, , .		7
3728	Mind-Body Practice Changes Fractional Amplitude of Low Frequency Fluctuations in Intrinsic Control Networks. <i>Frontiers in Psychology</i> , 2017, 8, 1049.	1.1	34
3729	Inattention Predicts Increased Thickness of Left Occipital Cortex in Men with Attention-Deficit/Hyperactivity Disorder. <i>Frontiers in Psychiatry</i> , 2017, 8, 170.	1.3	12

#	ARTICLE	IF	CITATIONS
3730	Structural brain abnormalities in 12 persons with aniridia. <i>F1000Research</i> , 2017, 6, 255.	0.8	12
3731	Brain Atrophy Estimated from Structural Magnetic Resonance Imaging as a Marker of Large-Scale Network-Based Neurodegeneration in Aging and Stroke. <i>Geriatrics (Switzerland)</i> , 2017, 2, 34.	0.6	6
3732	Frontal Structural Neural Correlates of Working Memory Performance in Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2016, 08, 328.	1.7	91
3733	Early Age-Related Functional Connectivity Decline in High-Order Cognitive Networks. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 330.	1.7	84
3734	Neuromodulatory Effects of Auditory Training and Hearing Aid Use on Audiovisual Speech Perception in Elderly Individuals. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 30.	1.7	13
3735	Regional Brain Volumes Moderate, but Do Not Mediate, the Effects of Group-Based Exercise Training on Reductions in Loneliness in Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 110.	1.7	51
3736	Racial Differences in Insular Connectivity and Thickness and Related Cognitive Impairment in Hypertension. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 177.	1.7	17
3737	Greater Cortical Thickness in Elderly Female Yoga Practitionersâ€™ A Cross-Sectional Study. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 201.	1.7	35
3738	Age-Related Changes in Perirhinal Cortex Sensitivity to Configuration and Part Familiarity and Connectivity to Visual Cortex. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 291.	1.7	10
3739	Construction of Individual Morphological Brain Networks with Multiple Morphometric Features. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 34.	0.9	62
3740	The Effect of Dual-Hemisphere Transcranial Direct Current Stimulation Over the Parietal Operculum on Tactile Orientation Discrimination. <i>Frontiers in Behavioral Neuroscience</i> , 2017, 11, 173.	1.0	8
3741	Adolescent Executive Dysfunction in Daily Life: Relationships to Risks, Brain Structure and Substance Use. <i>Frontiers in Behavioral Neuroscience</i> , 2017, 11, 223.	1.0	23
3742	Tracing the Neural Carryover Effects of Interpersonal Anger on Resting-State fMRI in Men and Their Relation to Traumatic Stress Symptoms in a Subsample of Soldiers. <i>Frontiers in Behavioral Neuroscience</i> , 2017, 11, 252.	1.0	20
3743	Predicting Outcome 12 Months after Mild Traumatic Brain Injury in Patients Admitted to a Neurosurgery Service. <i>Frontiers in Neurology</i> , 2017, 8, 125.	1.1	25
3744	Traumatic Brain Injury Severity, Neuropathophysiology, and Clinical Outcome: Insights from Multimodal Neuroimaging. <i>Frontiers in Neurology</i> , 2017, 8, 530.	1.1	14
3745	Structural Covariance of Sensory Networks, the Cerebellum, and Amygdala in Autism Spectrum Disorder. <i>Frontiers in Neurology</i> , 2017, 8, 615.	1.1	33
3746	Multi-modal, Multi-measure, and Multi-class Discrimination of ADHD with Hierarchical Feature Extraction and Extreme Learning Machine Using Structural and Functional Brain MRI. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 157.	1.0	44
3747	Executive Mechanisms for Thinking about Negative Situations in Both Cooperative and Non-Cooperative Contexts. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 275.	1.0	5

#	ARTICLE	IF	CITATIONS
3748	Cortex Parcellation Associated Whole White Matter Parcellation in Individual Subjects. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 352.	1.0	7
3749	Multi-Scale Computational Models for Electrical Brain Stimulation. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 515.	1.0	30
3750	Psychopathy Moderates the Relationship between Orbitofrontal and Striatal Alterations and Violence: The Investigation of Individuals Accused of Homicide. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 579.	1.0	14
3751	iElectrodes: A Comprehensive Open-Source Toolbox for Depth and Subdural Grid Electrode Localization. <i>Frontiers in Neuroinformatics</i> , 2017, 11, 14.	1.3	58
3752	Running Neuroimaging Applications on Amazon Web Services: How, When, and at What Cost?. <i>Frontiers in Neuroinformatics</i> , 2017, 11, 63.	1.3	17
3753	Motion-Induced Position Shifts Activate Early Visual Cortex. <i>Frontiers in Neuroscience</i> , 2017, 11, 168.	1.4	14
3754	A Set-Based Mixed Effect Model for Gene-Environment Interaction and Its Application to Neuroimaging Phenotypes. <i>Frontiers in Neuroscience</i> , 2017, 11, 191.	1.4	13
3755	No Association between Cortical Gyrification or Intrinsic Curvature and Attention-deficit/Hyperactivity Disorder in Adolescents and Young Adults. <i>Frontiers in Neuroscience</i> , 2017, 11, 218.	1.4	14
3756	Post Mortem Validation of MRI-Identified Veins on the Surface of the Cerebral Cortex as Potential Landmarks for Neurosurgery. <i>Frontiers in Neuroscience</i> , 2017, 11, 355.	1.4	4
3757	A Complex Interplay of Vitamin B1 and B6 Metabolism with Cognition, Brain Structure, and Functional Connectivity in Older Adults. <i>Frontiers in Neuroscience</i> , 2017, 11, 596.	1.4	34
3758	Dynamic modulation of decision biases by brainstem arousal systems. <i>ELife</i> , 2017, 6, .	2.8	218
3759	Thalamocortical Connectivity and Microstructural Changes in Congenital and Late Blindness. <i>Neural Plasticity</i> , 2017, 2017, 1-11.	1.0	31
3760	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
3761	Structural and Neuronal Integrity Measures of Fatigue Severity in Multiple Sclerosis. <i>Brain Sciences</i> , 2017, 7, 102.	1.1	27
3762	No Evidence of Association between Childhood Urban Environment and Cortical Thinning in Psychotic Disorder. <i>PLoS ONE</i> , 2017, 12, e0166651.	1.1	15
3763	Transient human auditory cortex activation during volitional attention shifting. <i>PLoS ONE</i> , 2017, 12, e0172907.	1.1	4
3764	Volume versus surface-based cortical thickness measurements: A comparative study with healthy controls and multiple sclerosis patients. <i>PLoS ONE</i> , 2017, 12, e0179590.	1.1	53
3765	Using machine learning and surface reconstruction to accurately differentiate different trajectories of mood and energy dysregulation in youth. <i>PLoS ONE</i> , 2017, 12, e0180221.	1.1	0



#	ARTICLE	IF	CITATIONS
3766	Temporal interpolation alters motion in fMRI scans: Magnitudes and consequences for artifact detection. PLoS ONE, 2017, 12, e0182939.	1.1	67
3767	Quantifying indices of short- and long-range white matter connectivity at each cortical vertex. PLoS ONE, 2017, 12, e0187493.	1.1	7
3768	APOE allele frequencies in suspected non-amyloid pathophysiology (SNAP) and the prodromal stages of Alzheimer's Disease. PLoS ONE, 2017, 12, e0188501.	1.1	10
3769	Mindboggling morphometry of human brains. PLoS Computational Biology, 2017, 13, e1005350.	1.5	448
3771	Moderating effects of sex on the impact of diagnosis and amyloid positivity on verbal memory and hippocampal volume. Alzheimer's Research and Therapy, 2017, 9, 72.	3.0	45
3772	Lessons learned about [F-18]-AV-1451 off-target binding from an autopsy-confirmed Parkinson's case. Acta Neuropathologica Communications, 2017, 5, 75.	2.4	85
3773	Loss of Binocular Vision in Monocularly Blind Patients Causes Selective Degeneration of the Superior Lateral Occipital Cortices. , 2017, 58, 1304.		9
3774	Comparison of Cortical and Subcortical Measurements in Normal Older Adults across Databases and Software Packages. Journal of Alzheimer's Disease Reports, 2017, 1, 59-70.	1.2	7
3775	Preprocessed Consortium for Neuropsychiatric Phenomics dataset. F1000Research, 2017, 6, 1262.	0.8	28
3776	Exploring the spatio-temporal neural basis of face learning. Journal of Vision, 2017, 17, 1.	0.1	2
3777	Scaling Up the Simian Primate Cortex: A Conserved Pattern of Expansion Across Brain Sizes. , 2017, , 99-111.		2
3778	Alterations of White Matter Integrity in Patients with Chronic Obstructive Pulmonary Disease: Tract-Based Analysis Using TRActs Constrained by UnderLying Anatomy. Journal of the Korean Society of Radiology, 2017, 77, 148.	0.1	2
3779	COMT Val158Met polymorphism moderates the association between PTSD symptom severity and hippocampal volume. Journal of Psychiatry and Neuroscience, 2017, 42, 95-102.	1.4	21
3780	Postretinal Structure and Function in Severe Congenital Photoreceptor Blindness Caused by Mutations in the GUCY2D Gene. , 2017, 58, 959.		16
3781	On object selectivity and the anatomy of the human fusiform gyrus. NeuroImage, 2018, 173, 604-609.	2.1	49
3782	Quantitative cerebrovascular pathology in a community-based cohort of older adults. Neurobiology of Aging, 2018, 65, 77-85.	1.5	18
3783	Amygdala-mediated prefrontal cortex connectivity relates to stress and mental health in early childhood. Social Cognitive and Affective Neuroscience, 2018, 13, 430-439.	1.5	58
3784	Consistency and similarity of MEG- and fMRI-signal time courses during movie viewing. NeuroImage, 2018, 173, 361-369.	2.1	52

#	ARTICLE	IF	CITATIONS
3785	Deriving and Testing the Validity of Cognitive Reserve Candidates. <i>Neuromethods</i> , 2018, , 63-70.	0.2	1
3786	Ghost interactions in MEG/EEG source space: A note of caution on inter-areal coupling measures. <i>NeuroImage</i> , 2018, 173, 632-643.	2.1	220
3787	Mapping face categorization in the human ventral occipitotemporal cortex with direct neural intracranial recordings. <i>Annals of the New York Academy of Sciences</i> , 2018, 1426, 5-24.	1.8	49
3788	Cortical Thickness. <i>Neuromethods</i> , 2018, , 35-49.	0.2	11
3789	Information properties of morphologically complex words modulate brain activity during word reading. <i>Human Brain Mapping</i> , 2018, 39, 2583-2595.	1.9	6
3790	Mapping lexical-semantic networks and determining hemispheric language dominance: Do task design, sex, age, and language performance make a difference?. <i>Brain and Language</i> , 2018, 179, 42-50.	0.8	7
3791	Graph theory analysis of cortical thickness networks in adolescents with dâ€transposition of the great arteries. <i>Brain and Behavior</i> , 2018, 8, e00834.	1.0	25
3792	Microstructural parcellation of the human brain. <i>NeuroImage</i> , 2018, 182, 219-231.	2.1	24
3793	Socioeconomic disparities in academic achievement: A multi-modal investigation of neural mechanisms in children and adolescents. <i>NeuroImage</i> , 2018, 173, 298-310.	2.1	107
3794	Automated search of control points in surface-based morphometry. <i>NeuroImage</i> , 2018, 176, 56-70.	2.1	13
3795	Structural correlates of Openness and Intellect: Implications for the contribution of personality to creativity. <i>Human Brain Mapping</i> , 2018, 39, 2987-2996.	1.9	36
3796	Progressive symptom-associated prefrontal volume loss occurs in first-episode schizophrenia but not in affective psychosis. <i>Brain Structure and Function</i> , 2018, 223, 2879-2892.	1.2	16
3797	A gyral coordinate system predictive of fibre orientations. <i>NeuroImage</i> , 2018, 176, 417-430.	2.1	13
3798	Neuroanatomical characteristics of youths with prenatal opioid and poly-drug exposure. <i>Neurotoxicology and Teratology</i> , 2018, 68, 13-26.	1.2	35
3799	Atlas of optimal coil orientation and position for TMS: A computational study. <i>Brain Stimulation</i> , 2018, 11, 839-848.	0.7	58
3800	Testing associations between cannabis use and subcortical volumes in two large populationâ€based samples. <i>Addiction</i> , 2018, 113, 1661-1672.	1.7	21
3801	Cortical and subcortical gray matter structural alterations in normoglycemic obese and type 2 diabetes patients: relationship with adiposity, glucose, and insulin. <i>Metabolic Brain Disease</i> , 2018, 33, 1211-1222.	1.4	24
3802	Tremor severity in Parkinson's disease and cortical changes of areas controlling movement sequencing: A preliminary study. <i>Journal of Neuroscience Research</i> , 2018, 96, 1341-1352.	1.3	12

#	ARTICLE	IF	CITATIONS
3803	Cortical and subcortical changes in patients with premenstrual syndrome. <i>Journal of Affective Disorders</i> , 2018, 235, 191-197.	2.0	4
3804	Smaller hippocampal volume in current but not in past depression in comparison to healthy controls: Minor evidence from an older adults sample. <i>Journal of Psychiatric Research</i> , 2018, 102, 159-167.	1.5	4
3805	Brain morphology, cognition, and $\beta$ -amyloid in older adults with superior memory performance. <i>Neurobiology of Aging</i> , 2018, 67, 162-170.	1.5	63
3806	Functional Brain Networks Are Dominated by Stable Group and Individual Factors, Not Cognitive or Daily Variation. <i>Neuron</i> , 2018, 98, 439-452.e5.	3.8	665
3807	The sequence of cortical activity inferred by response latency variability in the human ventral pathway of face processing. <i>Scientific Reports</i> , 2018, 8, 5836.	1.6	5
3808	Cortical and subcortical gray matter bases of cognitive deficits in REM sleep behavior disorder. <i>Neurology</i> , 2018, 90, e1759-e1770.	1.5	74
3809	Partial correlation analysis reveals abnormal retinotopically organized functional connectivity of visual areas in amblyopia. <i>NeuroImage: Clinical</i> , 2018, 18, 192-201.	1.4	25
3810	Neural correlates of reduced depressive symptoms following cognitive training for chronic traumatic brain injury. <i>Human Brain Mapping</i> , 2018, 39, 2955-2971.	1.9	28
3811	Network-based decoupling of local gyrification in obsessive-compulsive disorder. <i>Human Brain Mapping</i> , 2018, 39, 3216-3226.	1.9	13
3812	Predicting individual responses to the electroconvulsive therapy with hippocampal subfield volumes in major depression disorder. <i>Scientific Reports</i> , 2018, 8, 5434.	1.6	96
3813	Segmentation of gray matter, white matter, and CSF with fluid and white matter suppression using MP2RAGE. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 48, 1540-1550.	1.9	16
3814	Real-motion signals in human early visual cortex. <i>NeuroImage</i> , 2018, 175, 379-387.	2.1	22
3815	Cortical microstructure in young onset Alzheimer's disease using neurite orientation dispersion and density imaging. <i>Human Brain Mapping</i> , 2018, 39, 3005-3017.	1.9	87
3816	Shades of white: diffusion properties of T1- and FLAIR-defined white matter signal abnormalities differ in stages from cognitively normal to dementia. <i>Neurobiology of Aging</i> , 2018, 68, 48-58.	1.5	15
3817	Multimodal and Multiscale Deep Neural Networks for the Early Diagnosis of Alzheimer's Disease using structural MR and FDG-PET images. <i>Scientific Reports</i> , 2018, 8, 5697.	1.6	210
3818	18F-Flortaucipir Binding in Choroid Plexus: Related to Race and Hippocampus Signal. <i>Journal of Alzheimer's Disease</i> , 2018, 62, 1691-1702.	1.2	67
3819	Advanced dynamic statistical parametric mapping with MEG in localizing epileptogenicity of the bottom of sulcus dysplasia. <i>Clinical Neurophysiology</i> , 2018, 129, 1182-1191.	0.7	7
3820	Subcortical volume and cortical surface architecture in women with acute and remitted anorexia nervosa: An exploratory neuroimaging study. <i>Journal of Psychiatric Research</i> , 2018, 102, 179-185.	1.5	32

#	ARTICLE	IF	CITATIONS
3821	Gene expression links functional networks across cortex and striatum. <i>Nature Communications</i> , 2018, 9, 1428.	5.8	110
3822	Hippocampal Subfield Volumes in Patients With First-Episode Psychosis. <i>Schizophrenia Bulletin</i> , 2018, 44, 552-559.	2.3	57
3823	Musical deficits and cortical thickness in people with schizophrenia. <i>Schizophrenia Research</i> , 2018, 197, 233-239.	1.1	6
3824	Cortical thickness abnormalities in bipolar disorder patients with a lifetime history of auditory hallucinations. <i>Bipolar Disorders</i> , 2018, 20, 647-657.	1.1	10
3825	Maturation trajectories of cortical resting-state networks depend on the mediating frequency band. <i>NeuroImage</i> , 2018, 174, 57-68.	2.1	53
3826	The impact of correction on $MP2RAGE$ cortical $T_1$ and apparent cortical thickness at $T_1$ . <i>Human Brain Mapping</i> , 2018, 39, 2412-2425.	1.9	38
3827	Structural disconnection is responsible for increased functional connectivity in multiple sclerosis. <i>Brain Structure and Function</i> , 2018, 223, 2519-2526.	1.2	21
3828	Frontal and temporal cortical volume, white matter tract integrity, and hemispheric asymmetry in schizotypal personality disorder. <i>Schizophrenia Research</i> , 2018, 197, 226-232.	1.1	7
3829	Pallidal deep brain stimulation modulates excessive cortical high $\beta^2$ phase amplitude coupling in Parkinson disease. <i>Brain Stimulation</i> , 2018, 11, 607-617.	0.7	54
3830	Systemic inflammation as a predictor of brain aging: Contributions of physical activity, metabolic risk, and genetic risk. <i>NeuroImage</i> , 2018, 172, 118-129.	2.1	82
3831	Predicting future learning from baseline network architecture. <i>NeuroImage</i> , 2018, 172, 107-117.	2.1	52
3832	The developing human connectome project: A minimal processing pipeline for neonatal cortical surface reconstruction. <i>NeuroImage</i> , 2018, 173, 88-112.	2.1	315
3833	Dysfunctional Limbic Circuitry Underlying Freezing of Gait in Parkinson's Disease. <i>Neuroscience</i> , 2018, 374, 119-132.	1.1	91
3834	Cliques and cavities in the human connectome. <i>Journal of Computational Neuroscience</i> , 2018, 44, 115-145.	0.6	215
3835	Simultaneous estimation of population receptive field and hemodynamic parameters from single point BOLD responses using Metropolis-Hastings sampling. <i>NeuroImage</i> , 2018, 172, 175-193.	2.1	12
3836	Structural tract alterations predict downstream tau accumulation in amyloid-positive older individuals. <i>Nature Neuroscience</i> , 2018, 21, 424-431.	7.1	198
3837	Cortical differences in diverticular disease and correlation with symptom reports. <i>Neurogastroenterology and Motility</i> , 2018, 30, e13303.	1.6	2
3838	NiftyNet: a deep-learning platform for medical imaging. <i>Computer Methods and Programs in Biomedicine</i> , 2018, 158, 113-122.	2.6	407

#	ARTICLE	IF	CITATIONS
3839	Do scores on the Food Craving Inventory and Three-Factor Eating Questionnaire correlate with expected brain regions of interest in people with obesity?. <i>Physiology and Behavior</i> , 2018, 188, 1-10.	1.0	8
3840	Anatomic & metabolic brain markers of the m.3243A>G mutation: A multi-parametric 7T MRI study. <i>NeuroImage: Clinical</i> , 2018, 18, 231-244.	1.4	15
3841	Spatially selective responses to Kanizsa and occlusion stimuli in human visual cortex. <i>Scientific Reports</i> , 2018, 8, 611.	1.6	11
3842	TRACE: A Topological Graph Representation for Automatic Sulcal Curve Extraction. <i>IEEE Transactions on Medical Imaging</i> , 2018, 37, 1653-1663.	5.4	20
3843	Real-time detection and discrimination of visual perception using electrocorticographic signals. <i>Journal of Neural Engineering</i> , 2018, 15, 036001.	1.8	22
3844	Functional connectivity maps based on hippocampal and thalamic dynamics may account for the default-mode network. <i>European Journal of Neuroscience</i> , 2018, 47, 388-398.	1.2	22
3845	Predicting age from cortical structure across the lifespan. <i>European Journal of Neuroscience</i> , 2018, 47, 399-416.	1.2	79
3846	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
3847	Association of grey matter changes with stability and flexibility of prediction in akinetic-rigid Parkinson's disease. <i>Brain Structure and Function</i> , 2018, 223, 2097-2111.	1.2	5
3848	Structural and functional papez circuit integrity in amyotrophic lateral sclerosis. <i>Brain Imaging and Behavior</i> , 2018, 12, 1622-1630.	1.1	24
3849	Evidence for a subcortical origin of mirror movements after stroke: a longitudinal study. <i>Brain</i> , 2018, 141, 837-847.	3.7	47
3850	Longitudinal MRI data analysis in presence of measurement error but absence of replicates. <i>IJSE Transactions on Healthcare Systems Engineering</i> , 2018, 8, 117-130.	1.2	1
3851	The Energy Landscape of Neurophysiological Activity Implicit in Brain Network Structure. <i>Scientific Reports</i> , 2018, 8, 2507.	1.6	81
3852	Effects of MIR437 genetic risk score on brain volume and cortical measures in patients with schizophrenia and controls. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2018, 177, 369-376.	1.1	10
3853	Intranasal oxytocin modulates neural functional connectivity during human social interaction. <i>American Journal of Primatology</i> , 2018, 80, e22740.	0.8	24
3854	Long Time No See: Enduring Behavioral and Neuronal Changes in Perceptual Learning of Motion Trajectories 3 Years After Training. <i>Cerebral Cortex</i> , 2018, 28, 1260-1271.	1.6	8
3855	Differences in steady-state glutamate levels and variability between "non-task-active" conditions: Evidence from 1H fMRS of the prefrontal cortex. <i>NeuroImage</i> , 2018, 172, 554-561.	2.1	19
3856	Gray matter volume of the anterior insular cortex and social networking. <i>Journal of Comparative Neurology</i> , 2018, 526, 1183-1194.	0.9	24

#	ARTICLE	IF	CITATIONS
3857	Spatiotemporal integration of looming visual and tactile stimuli near the face. <i>Human Brain Mapping</i> , 2018, 39, 2156-2176.	1.9	10
3858	Cortical structural involvement and cognitive dysfunction in early Parkinson's disease. <i>NMR in Biomedicine</i> , 2018, 31, e3900.	1.6	8
3859	A comparative study of segmentation techniques for the quantification of brain subcortical volume. <i>Brain Imaging and Behavior</i> , 2018, 12, 1678-1695.	1.1	66
3860	Phantom Acupuncture Induces Placebo Credibility and Vicarious Sensations: A Parallel fMRI Study of Low Back Pain Patients. <i>Scientific Reports</i> , 2018, 8, 930.	1.6	27
3861	Cortical morphology development in patients with 22q11.2 deletion syndrome at ultra-high risk of psychosis. <i>Psychological Medicine</i> , 2018, 48, 2375-2383.	2.7	13
3862	Migraine with visual aura associated with thicker visual cortex. <i>Brain</i> , 2018, 141, 776-785.	3.7	52
3863	Impaired Functional Criticality of Human Brain during Alzheimer's Disease Progression. <i>Scientific Reports</i> , 2018, 8, 1324.	1.6	27
3864	MR Imaging-based Estimation of Upper Motor Neuron Density in Patients with Amyotrophic Lateral Sclerosis: A Feasibility Study. <i>Radiology</i> , 2018, 287, 955-964.	3.6	7
3865	Factors influencing accuracy of cortical thickness in the diagnosis of Alzheimer's disease. <i>Human Brain Mapping</i> , 2018, 39, 1500-1515.	1.9	21
3866	False positive rates in surface-based anatomical analysis. <i>NeuroImage</i> , 2018, 171, 6-14.	2.1	177
3867	Neurolinguistic processing when the brain matures without language. <i>Cortex</i> , 2018, 99, 390-403.	1.1	27
3868	Proper name retrieval and structural integrity of cerebral cortex in midlife: A cross-sectional study. <i>Brain and Cognition</i> , 2018, 120, 26-33.	0.8	8
3869	Cortical thickness of planum temporale and pars opercularis in native language tone processing. <i>Brain and Language</i> , 2018, 176, 42-47.	0.8	33
3870	Brain extraction in partial volumes T2*@7T by using a quasi-anatomic segmentation with bias field correction. <i>Journal of Neuroscience Methods</i> , 2018, 295, 129-138.	1.3	7
3871	Population receptive field (pRF) measurements of chromatic responses in human visual cortex using fMRI. <i>NeuroImage</i> , 2018, 167, 84-94.	2.1	28
3872	Striatal abnormalities in trichotillomania: A multi-site MRI analysis. <i>NeuroImage: Clinical</i> , 2018, 17, 893-898.	1.4	26
3873	Evidence that reduced gray matter volume in psychotic disorder is associated with exposure to environmental risk factors. <i>Psychiatry Research - Neuroimaging</i> , 2018, 271, 100-110.	0.9	21
3874	Increased amygdala responses to emotional faces after psilocybin for treatment-resistant depression. <i>Neuropharmacology</i> , 2018, 142, 263-269.	2.0	126

#	ARTICLE	IF	CITATIONS
3875	Neurodevelopmental origins of abnormal cortical morphology in dissociative identity disorder. <i>Acta Psychiatrica Scandinavica</i> , 2018, 137, 157-170.	2.2	35
3876	Differential effects of childhood neglect and abuse during sensitive exposure periods on male and female hippocampus. <i>NeuroImage</i> , 2018, 169, 443-452.	2.1	113
3877	Landmarking Brains. , 2018, , 115-126.		6
3878	Mitochondrial dysfunction in myotonic dystrophy type 1. <i>Neuromuscular Disorders</i> , 2018, 28, 144-149.	0.3	29
3879	Confirmation of a gyral bias in diffusion <sc>MRI</sc> fiber tractography. <i>Human Brain Mapping</i> , 2018, 39, 1449-1466.	1.9	105
3880	Neuroanatomical Correlates of Transcranial Magnetic Stimulation in Presymptomatic Granulin Mutation Carriers. <i>Brain Topography</i> , 2018, 31, 488-497.	0.8	21
3881	Morphometric Similarity Networks Detect Microscale Cortical Organization and Predict Inter-Individual Cognitive Variation. <i>Neuron</i> , 2018, 97, 231-247.e7.	3.8	307
3882	Total brain, cortical, and white matter volumes in children previously treated with glucocorticoids. <i>Pediatric Research</i> , 2018, 83, 804-812.	1.1	9
3883	Structural covariance networks are coupled to expression of genes enriched in supragranular layers of the human cortex. <i>NeuroImage</i> , 2018, 171, 256-267.	2.1	177
3884	Differences in white matter structure and cortical thickness between patients with traumatic and idiopathic chronic neck pain: Associations with cognition and pain modulation?. <i>Human Brain Mapping</i> , 2018, 39, 1721-1742.	1.9	31
3885	Visually-Driven Maps in Area 3b. <i>Journal of Neuroscience</i> , 2018, 38, 1295-1310.	1.7	45
3886	Brain structural and functional asymmetry in human situs inversus totalis. <i>Brain Structure and Function</i> , 2018, 223, 1937-1952.	1.2	30
3887	Visual Short-Term Memory Activity in Parietal Lobe Reflects Cognitive Processes beyond Attentional Selection. <i>Journal of Neuroscience</i> , 2018, 38, 1511-1519.	1.7	31
3888	Joint Analysis of Cortical Area and Thickness as a Replacement for the Analysis of the Volume of the Cerebral Cortex. <i>Cerebral Cortex</i> , 2018, 28, 738-749.	1.6	92
3889	Cortical autonomic network gray matter and sympathetic nerve activity in obstructive sleep apnea. <i>Sleep</i> , 2018, 41, .	0.6	31
3890	Quantitative assessment of structural image quality. <i>NeuroImage</i> , 2018, 169, 407-418.	2.1	291
3891	Reconfiguration of Cortical Networks in MDD Uncovered by Multiscale Community Detection with fMRI. <i>Cerebral Cortex</i> , 2018, 28, 1383-1395.	1.6	49
3892	sEEG is a Safe Procedure for a Comprehensive Anatomic Exploration of the Insula: A Retrospective Study of 108 Procedures Representing 254 Transopercular Insular Electrodes. <i>Operative Neurosurgery</i> , 2018, 14, 1-8.	0.4	39

#	ARTICLE	IF	CITATIONS
3893	Cortical thickness, resting state heart rate, and heart rate variability in female adolescents. <i>Psychophysiology</i> , 2018, 55, e13043.	1.2	11
3894	Emerging Approaches to Neurocircuits in PTSD and TBI: Imaging the Interplay of Neural and Emotional Trauma. <i>Current Topics in Behavioral Neurosciences</i> , 2018, 38, 163-192.	0.8	15
3895	Quenching of spontaneous fluctuations by attention in human visual cortex. <i>NeuroImage</i> , 2018, 171, 84-98.	2.1	20
3896	Revisiting the Functional and Structural Connectivity of Large-Scale Cortical Networks. <i>Brain Connectivity</i> , 2018, 8, 129-138.	0.8	6
3897	Cortical folding abnormalities in patients with schizophrenia who have persistent auditory verbal hallucinations. <i>European Neuropsychopharmacology</i> , 2018, 28, 297-306.	0.3	18
3898	Geodesic registration for interactive atlas-based segmentation using learned multi-scale anatomical manifolds. <i>Pattern Recognition Letters</i> , 2018, 112, 340-345.	2.6	0
3899	Urgent challenges in quantification and interpretation of brain grey matter atrophy in individual MS patients using MRI. <i>NeuroImage: Clinical</i> , 2018, 19, 466-475.	1.4	47
3900	Change in emotional self-concept following socio-cognitive training relates to structural plasticity of the prefrontal cortex. <i>Brain and Behavior</i> , 2018, 8, e00940.	1.0	13
3901	Brain changes after spinal cord injury, a quantitative meta-analysis and review. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 90, 272-293.	2.9	57
3902	Basal ganglia involvement in ARX patients: The reason for ARX patients very specific grasping?. <i>NeuroImage: Clinical</i> , 2018, 19, 454-465.	1.4	10
3903	Discovering cortical sulcal folding patterns in neonates using large-scale dataset. <i>Human Brain Mapping</i> , 2018, 39, 3625-3635.	1.9	18
3904	Dark Rims: Novel Sequence Enhances Diagnostic Specificity in Multiple Sclerosis. <i>American Journal of Neuroradiology</i> , 2018, 39, 1052-1058.	1.2	14
3905	Neuroanatomical Correlates of Impulsive Action in Excoriation (Skin-Picking) Disorder. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2018, 30, 236-241.	0.9	11
3906	Involvement of the central somatosensory system in restless legs syndrome. <i>Neurology</i> , 2018, 90, e1834-e1841.	1.5	23
3907	Longitudinal development of hippocampal subregions from childhood to adulthood. <i>Developmental Cognitive Neuroscience</i> , 2018, 30, 212-222.	1.9	76
3908	Effect of different spatial normalization approaches on tractography and structural brain networks. <i>Network Neuroscience</i> , 2018, 2, 362-380.	1.4	20
3909	White matter lesions and brain atrophy in systemic lupus erythematosus patients: correlation to cognitive dysfunction in a cohort of systemic lupus erythematosus patients using different definition models for neuropsychiatric systemic lupus erythematosus. <i>Lupus</i> , 2018, 27, 1140-1149.	0.8	33
3910	Gray matter differences in the anterior cingulate and orbitofrontal cortex of young adults with Internet gaming disorder: Surface-based morphometry. <i>Journal of Behavioral Addictions</i> , 2018, 7, 21-30.	1.9	35



#	ARTICLE	IF	CITATIONS
3911	Two-year cortical trajectories are abnormal in children and adolescents with prenatal alcohol exposure. <i>Developmental Cognitive Neuroscience</i> , 2018, 30, 123-133.	1.9	27
3912	Encoding and immediate retrieval tasks in patients with epilepsy: A functional MRI study of verbal and visual memory. <i>Journal of Neuroradiology</i> , 2018, 45, 157-163.	0.6	8
3913	Unraveling age, puberty and testosterone effects on subcortical brain development across adolescence. <i>Psychoneuroendocrinology</i> , 2018, 91, 105-114.	1.3	146
3914	Anomalous Brain Development Is Evident in Preschoolers With Attention-Deficit/Hyperactivity Disorder. <i>Journal of the International Neuropsychological Society</i> , 2018, 24, 531-539.	1.2	23
3915	Distinct functional and structural neural underpinnings of working memory. <i>NeuroImage</i> , 2018, 174, 463-471.	2.1	42
3916	Memory performance, global cerebral volumes and hippocampal subfield volumes in long-term survivors of Out-of-Hospital Cardiac Arrest. <i>Resuscitation</i> , 2018, 126, 21-28.	1.3	15
3917	Similar pattern of atrophy in early- and late-onset Alzheimer's disease. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2018, 10, 253-259.	1.2	16
3918	Hippocampal subfield volumes in children and adolescents with mood disorders. <i>Journal of Psychiatric Research</i> , 2018, 101, 57-62.	1.5	49
3919	Automatic skull segmentation from MR images for realistic volume conductor models of the head: Assessment of the state-of-the-art. <i>NeuroImage</i> , 2018, 174, 587-598.	2.1	198
3920	Abnormal age-related cortical folding and neurite morphology in children with developmental dyslexia. <i>NeuroImage: Clinical</i> , 2018, 18, 814-821.	1.4	24
3921	Detailed spatiotemporal brain mapping of chromatic vision combining high-resolution VEP with fMRI and retinotopy. <i>Human Brain Mapping</i> , 2018, 39, 2868-2886.	1.9	7
3922	Neuroanatomical substrate of noise sensitivity. <i>NeuroImage</i> , 2018, 167, 309-315.	2.1	24
3923	Characterization of the hemodynamic response function across the majority of human cerebral cortex. <i>NeuroImage</i> , 2018, 173, 322-331.	2.1	64
3924	Artificial limb representation in amputees. <i>Brain</i> , 2018, 141, 1422-1433.	3.7	53
3925	Reward, salience, and attentional networks are activated by religious experience in devout Mormons. <i>Social Neuroscience</i> , 2018, 13, 104-116.	0.7	35
3926	Visual field biases for near and far stimuli in disparity selective columns in human visual cortex. <i>NeuroImage</i> , 2018, 168, 358-365.	2.1	31
3927	High resolution data analysis strategies for mesoscale human functional MRI at 7 and 9.4 T. <i>NeuroImage</i> , 2018, 164, 48-58.	2.1	84
3928	Type-2 diabetes mellitus reduces cortical thickness and decreases oxidative metabolism in sensorimotor regions after stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 823-834.	2.4	8

#	ARTICLE	IF	CITATIONS
3929	Treatment effect of methylphenidate on intrinsic functional brain network in medication-naïve ADHD children: A multivariate analysis. <i>Brain Imaging and Behavior</i> , 2018, 12, 518-531.	1.1	34
3930	Thalamo-cortical functional connectivity in schizophrenia and bipolar disorder. <i>Brain Imaging and Behavior</i> , 2018, 12, 640-652.	1.1	70
3931	Cortical thickness reductions associate with abnormal resting-state functional connectivity in non-neuropsychiatric systemic lupus erythematosus. <i>Brain Imaging and Behavior</i> , 2018, 12, 674-684.	1.1	18
3932	APOE $\epsilon$ 4 Genotype and Hypertension Modify 8-year Cortical Thinning: Five Occasion Evidence from the Seattle Longitudinal Study. <i>Cerebral Cortex</i> , 2018, 28, 1934-1945.	1.6	21
3933	Determinants of fluid intelligence in healthy aging: Omega-3 polyunsaturated fatty acid status and frontoparietal cortex structure. <i>Nutritional Neuroscience</i> , 2018, 21, 570-579.	1.5	16
3934	Pittsburgh compound-B PET white matter imaging and cognitive function in late multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2018, 24, 739-749.	1.4	34
3935	The effect of age, sex and clinical features on the volume of Corpus Callosum in pre-schoolers with Autism Spectrum Disorder: a case-control study. <i>European Journal of Neuroscience</i> , 2018, 47, 568-578.	1.2	29
3936	Relative latency and temporal variability of hemodynamic responses at the human primary visual cortex. <i>NeuroImage</i> , 2018, 164, 194-201.	2.1	34
3937	Repatriation is associated with isthmus cingulate cortex reduction in community-dwelling elderly. <i>World Journal of Biological Psychiatry</i> , 2018, 19, 421-430.	1.3	12
3938	Exploring structure and function of sensory cortex with 7 T MRI. <i>NeuroImage</i> , 2018, 164, 10-17.	2.1	24
3939	Attention and processing speed performance in multiple sclerosis is mostly related to thalamic volume. <i>Brain Imaging and Behavior</i> , 2018, 12, 20-28.	1.1	53
3940	DeepNAT: Deep convolutional neural network for segmenting neuroanatomy. <i>NeuroImage</i> , 2018, 170, 434-445.	2.1	252
3941	WaveCAIPI for highly accelerated MP-RAGE imaging. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 401-406.	1.9	53
3942	Pushing the limits of ultra-high resolution human brain imaging with SMS-EPI demonstrated for columnar level fMRI. <i>NeuroImage</i> , 2018, 164, 155-163.	2.1	35
3943	Symptom attribution and frontal cortical thickness in first-episode schizophrenia. <i>Microbial Biotechnology</i> , 2018, 12, 652-659.	0.9	17
3944	Shedding light on gray(ing) areas: Connectivity and task switching dynamics in aging. <i>Psychophysiology</i> , 2018, 55, e12818.	1.2	13
3945	Abnormal brain structure implicated in patients with functional dyspepsia. <i>Brain Imaging and Behavior</i> , 2018, 12, 459-466.	1.1	18
3946	The effects of GRIN2B and DRD4 gene variants on local functional connectivity in attention-deficit/hyperactivity disorder. <i>Brain Imaging and Behavior</i> , 2018, 12, 247-257.	1.1	18

#	ARTICLE	IF	CITATIONS
3947	Parieto-frontal gyrification and working memory in healthy adults. <i>Brain Imaging and Behavior</i> , 2018, 12, 303-308.	1.1	25
3948	Evolution of autobiographical memory impairments in Alzheimer's disease and frontotemporal dementia – A longitudinal neuroimaging study. <i>Neuropsychologia</i> , 2018, 110, 14-25.	0.7	40
3949	Pulse sequences and parallel imaging for high spatiotemporal resolution MRI at ultra-high field. <i>NeuroImage</i> , 2018, 168, 101-118.	2.1	47
3950	Dynamic Network Communication in the Human Functional Connectome Predicts Perceptual Variability in Visual Illusion. <i>Cerebral Cortex</i> , 2018, 28, 48-62.	1.6	10
3951	Socioeconomic Status and Reading Disability: Neuroanatomy and Plasticity in Response to Intervention. <i>Cerebral Cortex</i> , 2018, 28, 2297-2312.	1.6	82
3952	MRI Evidence of Neuropathic Changes in Former College Football Players. <i>Clinical Journal of Sport Medicine</i> , 2018, 28, 100-105.	0.9	27
3953	Focal Cortical Anomalies and Language Impairment in 16p11.2 Deletion and Duplication Syndrome. <i>Cerebral Cortex</i> , 2018, 28, 2422-2430.	1.6	26
3954	Auditory verbal hallucinations are related to cortical thinning in the left middle temporal gyrus of patients with schizophrenia. <i>Psychological Medicine</i> , 2018, 48, 115-122.	2.7	51
3955	A Key Characteristic of Sex Differences in the Developing Brain: Greater Variability in Brain Structure of Boys than Girls. <i>Cerebral Cortex</i> , 2018, 28, 2741-2751.	1.6	95
3956	Application of machine learning classification for structural brain MRI in mood disorders: Critical review from a clinical perspective. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 80, 71-80.	2.5	80
3957	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
3958	Saliency network response to changes in emotional expressions of others is heightened during early adolescence: relevance for social functioning. <i>Developmental Science</i> , 2018, 21, e12571.	1.3	36
3959	Neuroinflammation and Tau Interact with Amyloid in Predicting Sleep Problems in Aging Independently of Atrophy. <i>Cerebral Cortex</i> , 2018, 28, 2775-2785.	1.6	40
3960	Neural correlates of verbal memory in youth with heavy prenatal alcohol exposure. <i>Brain Imaging and Behavior</i> , 2018, 12, 806-822.	1.1	15
3961	Spatiotemporal Network Markers of Individual Variability in the Human Functional Connectome. <i>Cerebral Cortex</i> , 2018, 28, 2922-2934.	1.6	35
3962	Cortical thickness abnormalities in trichotillomania: international multi-site analysis. <i>Brain Imaging and Behavior</i> , 2018, 12, 823-828.	1.1	15
3963	BDNF genotype is associated with hippocampal volume in mild traumatic brain injury. <i>Genes, Brain and Behavior</i> , 2018, 17, 107-117.	1.1	21
3964	Neuroanatomical and resting state EEG power correlates of central hearing loss in older adults. <i>Brain Structure and Function</i> , 2018, 223, 145-163.	1.2	40

#	ARTICLE	IF	CITATIONS
3965	Improving Alzheimer's Disease Classification by Combining Multiple Measures. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2018, 15, 1649-1659.	1.9	56
3966	Evaluation of spiral acquisition variants for functional imaging of human superior colliculus at 3T field strength. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 1931-1940.	1.9	14
3967	Distinct Representations of Magnitude and Spatial Position within Parietal Cortex during Number- $\hat{c}$ Space Mapping. <i>Journal of Cognitive Neuroscience</i> , 2018, 30, 200-218.	1.1	11
3968	Acute convexity subarachnoid haemorrhage and cortical superficial siderosis in probable cerebral amyloid angiopathy without lobar haemorrhage. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 397-403.	0.9	19
3969	Human torque is not present in chimpanzee brain. <i>NeuroImage</i> , 2018, 165, 285-293.	2.1	27
3970	Reduced auditory segmentation potentials in first-episode schizophrenia. <i>Schizophrenia Research</i> , 2018, 195, 421-427.	1.1	5
3971	The Role of Visual Association Cortex in Associative Memory Formation across Development. <i>Journal of Cognitive Neuroscience</i> , 2018, 30, 365-380.	1.1	36
3972	Escitalopram Ameliorates Hypercortisolemia and Insulin Resistance in Low Birth Weight Men With Limbic Brain Alterations. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 115-124.	1.8	10
3973	Image processing and Quality Control for the first 10,000 brain imaging datasets from UK Biobank. <i>NeuroImage</i> , 2018, 166, 400-424.	2.1	1,026
3974	Differential associations of metabolic risk factors on cortical thickness in metabolic syndrome. <i>NeuroImage: Clinical</i> , 2018, 17, 98-108.	1.4	24
3975	Auditory attention in autism spectrum disorder: An exploration of volumetric magnetic resonance imaging findings. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2018, 40, 502-517.	0.8	2
3976	The evaluative role of rostralateral prefrontal cortex in rule-based category learning. <i>NeuroImage</i> , 2018, 166, 19-31.	2.1	19
3977	Altered Brain Developmental Trajectories in Adolescents After Initiating Drinking. <i>American Journal of Psychiatry</i> , 2018, 175, 370-380.	4.0	133
3978	A multisample study of longitudinal changes in brain network architecture in 4- $\hat{c}$ 13-year-old children. <i>Human Brain Mapping</i> , 2018, 39, 157-170.	1.9	26
3979	Effects of 3-week total meal replacement vs. typical food-based diet on human brain functional magnetic resonance imaging food-cue reactivity and functional connectivity in people with obesity. <i>Appetite</i> , 2018, 120, 431-441.	1.8	31
3980	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
3981	Breathing above the brain stem: volitional control and attentional modulation in humans. <i>Journal of Neurophysiology</i> , 2018, 119, 145-159.	0.9	208
3982	Is hunger important to model in fMRI visual food-cue reactivity paradigms in adults with obesity and how should this be done?. <i>Appetite</i> , 2018, 120, 388-397.	1.8	10

#	ARTICLE	IF	CITATIONS
3983	Advantages of cortical surface reconstruction using submillimeter 7T MEMPRAGE. <i>NeuroImage</i> , 2018, 165, 11-26.	2.1	76
3984	Clinical yield of magnetoencephalography distributed source imaging in epilepsy: A comparison with equivalent current dipole method. <i>Human Brain Mapping</i> , 2018, 39, 218-231.	1.9	57
3985	Brain TSPO imaging and gray matter volume in schizophrenia patients and in people at ultra high risk of psychosis: An [11C]PBR28 study. <i>Schizophrenia Research</i> , 2018, 195, 206-214.	1.1	48
3986	Altered Associations between Pain Symptoms and Brain Morphometry in the Pain Matrix of HIV-Seropositive Individuals. <i>Journal of Neuroimmune Pharmacology</i> , 2018, 13, 77-89.	2.1	10
3987	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
3988	Parsing the neural correlates of anxious apprehension and anxious arousal in the grey-matter of healthy youth. <i>Brain Imaging and Behavior</i> , 2018, 12, 1084-1098.	1.1	8
3989	Obesity and frontal-striatal brain structures in offspring of individuals with bipolar disorder: Results from the global mood and brain science initiative. <i>Bipolar Disorders</i> , 2018, 20, 42-48.	1.1	14
3990	Where and what TMS activates: Experiments and modeling. <i>Brain Stimulation</i> , 2018, 11, 166-174.	0.7	95
3991	Structural Neuroimaging of Anorexia Nervosa: Future Directions in the Quest for Mechanisms Underlying Dynamic Alterations. <i>Biological Psychiatry</i> , 2018, 83, 224-234.	0.7	120
3992	Processing of structural neuroimaging data in young children: Bridging the gap between current practice and state-of-the-art methods. <i>Developmental Cognitive Neuroscience</i> , 2018, 33, 206-223.	1.9	50
3993	Structural changes in socio-affective networks: Multi-modal MRI findings in long-term meditation practitioners. <i>Neuropsychologia</i> , 2018, 116, 26-33.	0.7	58
3994	Rostral Anterior Cingulate Cortex Morphology Predicts Treatment Response to Internet-Based Cognitive Behavioral Therapy for Depression. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018, 3, 255-262.	1.1	23
3995	A preliminary report of cerebral white matter microstructural changes associated with adolescent sports concussion acutely and subacutely using diffusion tensor imaging. <i>Brain Imaging and Behavior</i> , 2018, 12, 962-973.	1.1	29
3996	An open, multi-vendor, multi-field-strength brain MR dataset and analysis of publicly available skull stripping methods agreement. <i>NeuroImage</i> , 2018, 170, 482-494.	2.1	131
3997	Widespread Volumetric Reductions in Schizophrenia and Schizoaffective Patients Displaying Compromised Cognitive Abilities. <i>Schizophrenia Bulletin</i> , 2018, 44, 560-574.	2.3	44
3998	The mediating role of cortical thickness and gray matter volume on sleep slow-wave activity during adolescence. <i>Brain Structure and Function</i> , 2018, 223, 669-685.	1.2	56
3999	Brain structural concomitants of resting state heart rate variability in the young and old: evidence from two independent samples. <i>Brain Structure and Function</i> , 2018, 223, 727-737.	1.2	68
4000	Striatal dopamine D1-type receptor availability: no difference from control but association with cortical thickness in methamphetamine users. <i>Molecular Psychiatry</i> , 2018, 23, 1320-1327.	4.1	19

#	ARTICLE	IF	CITATIONS
4001	Structured Sparse Principal Components Analysis With the TV-Elastic Net Penalty. <i>IEEE Transactions on Medical Imaging</i> , 2018, 37, 396-407.	5.4	16
4002	Neural Correlates of Emotion Regulation and Adolescent Suicidal Ideation. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018, 3, 125-132.	1.1	43
4003	Diagnosis of mesial temporal sclerosis: sensitivity, specificity and predictive values of the quantitative analysis of magnetic resonance imaging. <i>Neuroradiology Journal</i> , 2018, 31, 50-59.	0.6	9
4004	Omega-3 fatty acid supplementation may prevent loss of gray matter thickness in the left parieto-occipital cortex in first episode schizophrenia: A secondary outcome analysis of the OFFER randomized controlled study. <i>Schizophrenia Research</i> , 2018, 195, 168-175.	1.1	27
4005	Inverted Encoding Models of Human Population Response Conflate Noise and Neural Tuning Width. <i>Journal of Neuroscience</i> , 2018, 38, 398-408.	1.7	44
4006	Dynamics of perceptual decisions about symmetry in visual cortex. <i>NeuroImage</i> , 2018, 167, 316-330.	2.1	27
4007	Looking for Alzheimer's Disease morphometric signatures using machine learning techniques. <i>Journal of Neuroscience Methods</i> , 2018, 302, 24-34.	1.3	30
4008	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
4009	Cortical morphometry and cognition in very preterm and term-born children at early school age. <i>Early Human Development</i> , 2018, 116, 53-63.	0.8	12
4010	Unfolding the hippocampus: An intrinsic coordinate system for subfield segmentations and quantitative mapping. <i>NeuroImage</i> , 2018, 167, 408-418.	2.1	53
4011	Automatic brain segmentation using artificial neural networks with shape context. <i>Pattern Recognition Letters</i> , 2018, 101, 74-79.	2.6	31
4012	Multi-modal imaging investigation of anterior cingulate cortex cytoarchitecture in neurodevelopment. <i>European Neuropsychopharmacology</i> , 2018, 28, 13-23.	0.3	7
4013	Longitudinal structural changes in ALS: a three time-point imaging study of white and gray matter degeneration. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2018, 19, 232-241.	1.1	82
4014	Quantitative MRI provides markers of intra-, inter-regional, and age-related differences in young adult cortical microstructure. <i>NeuroImage</i> , 2018, 182, 429-440.	2.1	71
4015	Automated quality assessment of structural magnetic resonance images in children: Comparison with visual inspection and surface-based reconstruction. <i>Human Brain Mapping</i> , 2018, 39, 1218-1231.	1.9	51
4016	Cortical thickness, cortical surface area and subcortical volumes in schizophrenia and bipolar disorder patients with cannabis use. <i>European Neuropsychopharmacology</i> , 2018, 28, 37-47.	0.3	13
4017	Surface-enhanced tractography (SET). <i>NeuroImage</i> , 2018, 169, 524-539.	2.1	69
4018	Multiple time courses of somatosensory responses in human cortex. <i>NeuroImage</i> , 2018, 169, 212-226.	2.1	36

#	ARTICLE	IF	CITATIONS
4019	Relations between cortical thickness, serotonin 1 A receptor binding, and structural connectivity: A multimodal imaging study. <i>Human Brain Mapping</i> , 2018, 39, 1043-1055.	1.9	13
4020	High-Fidelity Measures of Whole-Brain Functional Connectivity and White Matter Integrity Mediate Relationships between Traumatic Brain Injury and Post-Traumatic Stress Disorder Symptoms. <i>Journal of Neurotrauma</i> , 2018, 35, 767-779.	1.7	22
4021	Using Fuzzy Systems to Infer Memory Impairment from MRI. <i>International Journal of Fuzzy Systems</i> , 2018, 20, 913-927.	2.3	7
4022	Noise contamination from <sup>18</sup> F-PET blood sampling pump: Effects on structural MRI image quality in simultaneous PET/MR studies. <i>Medical Physics</i> , 2018, 45, 678-686.	1.6	4
4023	Modeling Alzheimer's disease cognitive scores using multi-task sparse group lasso. <i>Computerized Medical Imaging and Graphics</i> , 2018, 66, 100-114.	3.5	31
4024	Surface based electrode localization and standardized regions of interest for intracranial EEG. <i>Human Brain Mapping</i> , 2018, 39, 709-721.	1.9	30
4025	The cortical signature of impaired gesturing: Findings from schizophrenia. <i>NeuroImage: Clinical</i> , 2018, 17, 213-221.	1.4	23
4026	Reorganization of the somatosensory cortex in hemiplegic cerebral palsy associated with impaired sensory tracts. <i>NeuroImage: Clinical</i> , 2018, 17, 198-212.	1.4	46
4027	Prefrontal glutamatergic emotion regulation is disturbed in cluster B and C personality disorders – A combined <sup>1</sup> H/ <sup>31</sup> P-MR spectroscopic study. <i>Journal of Affective Disorders</i> , 2018, 227, 688-697.	2.0	9
4028	Less Cortical Thickness in Patients With Persistent Post-Traumatic Headache Compared With Healthy Controls: An MRI Study. <i>Headache</i> , 2018, 58, 53-61.	1.8	36
4029	Interactive versus additive relationships between regional cortical thinning and amyloid burden in predicting clinical decline in mild AD and MCI individuals. <i>NeuroImage: Clinical</i> , 2018, 17, 388-396.	1.4	8
4030	Pattern recognition of magnetic resonance imaging-based gray matter volume measurements classifies bipolar disorder and major depressive disorder. <i>Journal of Affective Disorders</i> , 2018, 227, 498-505.	2.0	60
4031	Cortical plasticity as a basis of phantom limb pain: Fact or fiction?. <i>Neuroscience</i> , 2018, 387, 85-91.	1.1	41
4032	L-Theanine and caffeine improve target-specific attention to visual stimuli by decreasing mind wandering: a human functional magnetic resonance imaging study. <i>Nutrition Research</i> , 2018, 49, 67-78.	1.3	17
4033	Associations between cortical thickness, structural connectivity and severity of dimensional bulimia nervosa symptomatology. <i>Psychiatry Research - Neuroimaging</i> , 2018, 271, 118-125.	0.9	23
4034	Reproducibility of Brain MRI Segmentation Algorithms: Empirical Comparison of Local MAP PSTAPLE, FreeSurfer, and FSL-FIRST. <i>Journal of Neuroimaging</i> , 2018, 28, 162-172.	1.0	43
4035	Association between hippocampus volume and symptom profiles in obsessive-compulsive disorder. <i>NeuroImage: Clinical</i> , 2018, 17, 474-480.	1.4	33
4036	Violence exposure and neural systems underlying working memory for emotional stimuli in youth. <i>Development and Psychopathology</i> , 2018, 30, 1517-1528.	1.4	10

#	ARTICLE	IF	CITATIONS
4037	Freezing of gait in Parkinson's disease: gray and white matter abnormalities. <i>Journal of Neurology</i> , 2018, 265, 52-62.	1.8	62
4038	Connectome analysis with diffusion MRI in idiopathic Parkinson's disease: Evaluation using multi-shell, multi-tissue, constrained spherical deconvolution. <i>NeuroImage: Clinical</i> , 2018, 17, 518-529.	1.4	51
4039	The relationship between neuropsychological tests of visuospatial function and lobar cortical thickness. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2018, 40, 518-527.	0.8	13
4040	The network architecture of value learning. <i>Network Neuroscience</i> , 2018, 2, 128-149.	1.4	15
4041	Neuroanatomical correlates of donating behavior in middle childhood. <i>Social Neuroscience</i> , 2018, 13, 541-552.	0.7	7
4042	Cerebral abnormalities in Friedreich ataxia: A review. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 84, 394-406.	2.9	45
4043	Decoding naturalistic experiences from human brain activity via distributed representations of words. <i>NeuroImage</i> , 2018, 180, 232-242.	2.1	56
4044	Reliability-Weighted Integration of Audiovisual Signals Can Be Modulated by Top-down Attention. <i>ENeuro</i> , 2018, 5, ENEURO.0315-17.2018.	0.9	53
4045	Neural responses to natural and model-matched stimuli reveal distinct computations in primary and nonprimary auditory cortex. <i>PLoS Biology</i> , 2018, 16, e2005127.	2.6	71
4046	Interactive Machine Learning by Visualization: A Small Data Solution. , 2018, 2018, 3513-3521.		16
4047	Caffeine for apnea of prematurity and brain development at 11 years of age. <i>Annals of Clinical and Translational Neurology</i> , 2018, 5, 1112-1127.	1.7	13
4048	Gyrification Connectomes in Unmedicated Patients With Schizophrenia and Following a Short Course of Antipsychotic Drug Treatment. <i>Frontiers in Psychiatry</i> , 2018, 9, 699.	1.3	19
4049	Effects of EEG Electrode Positional Deviations for Classification Accuracy on Different Days. , 2018, , .		0
4050	Blast-Exposed Veterans With Mild Traumatic Brain Injury Show Greater Frontal Cortical Thinning and Poorer Executive Functioning. <i>Frontiers in Neurology</i> , 2018, 9, 873.	1.1	28
4051	Alterations of Graphical Properties and Related Cognitive Functioning Changes in Mild Alzheimer's Disease Revealed by Individual Morphological Brain Network. <i>Frontiers in Neuroscience</i> , 2018, 12, 927.	1.4	13
4052	An Automated Pipeline for the Analysis of PET Data on the Cortical Surface. <i>Frontiers in Neuroinformatics</i> , 2018, 12, 94.	1.3	16
4053	Volumetric MRI Analysis of a Case of Severe Ventriculomegaly. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 495.	1.0	4
4054	Organizing principles of pulvino-cortical functional coupling in humans. <i>Nature Communications</i> , 2018, 9, 5382.	5.8	40



#	ARTICLE	IF	CITATIONS
4055	A Practical Review on Medical Image Registration: From Rigid to Deep Learning Based Approaches. , 2018, , .		16
4056	Encoding and Decoding of Music-Genre Representations in the Human Brain. , 2018, , .		3
4057	[11C]SCH23390 binding to the D1-dopamine receptor in the human brainâ€”a comparison of manual and automated methods for image analysis. EJNMMI Research, 2018, 8, 74.	1.1	9
4058	Regional cortical thinning in young adults with schizophrenia but not psychotic or non-psychotic bipolar I disorder. International Journal of Bipolar Disorders, 2018, 6, 16.	0.8	15
4059	Geodesic Discriminant Analysis for Manifold-Valued Data. , 2018, , .		5
4060	Greater body mass index is associated with reduced frontal cortical volumes among adolescents with bipolar disorder. Journal of Psychiatry and Neuroscience, 2018, 43, 120-130.	1.4	32
4061	Whole brain and deep gray matter atrophy detection over 5 years with 3T MRI in multiple sclerosis using a variety of automated segmentation pipelines. PLoS ONE, 2018, 13, e0206939.	1.1	15
4062	The Neural Basis of Individual Differences in Directional Sense. Frontiers in Human Neuroscience, 2018, 12, 410.	1.0	12
4063	Diagnostic Validity of an Automated Probabilistic Tractography in Amnesic Mild Cognitive Impairment. Clinical Psychopharmacology and Neuroscience, 2018, 16, 144-152.	0.9	10
4064	A molecular-genetic and imaging-genetic approach to specific comprehension difficulties in children. Npj Science of Learning, 2018, 3, 20.	1.5	11
4065	A Nonlinear Simulation Framework Supports Adjusting for Age When Analyzing BrainAGE. Frontiers in Aging Neuroscience, 2018, 10, 317.	1.7	183
4066	ROAST: An Open-Source, Fully-Automated, Realistic Volumetric-Approach-Based Simulator For TES. , 2018, 2018, 3072-3075.		55
4067	How Ocular Dominance and Binocularity Are Reflected by the Population Receptive Field Properties. , 2018, 59, 5301.		4
4068	Inferior Frontal Gyrus Volume Loss Distinguishes Between Autism and (Comorbid) Attention-Deficit/Hyperactivity Disorderâ€”A FreeSurfer Analysis in Children. Frontiers in Psychiatry, 2018, 9, 521.	1.3	17
4069	A Quantitative Meta-analysis of Neuroimaging Studies of Pragmatic Language Comprehension: In Search of a Universal Neural Substrate. Neuroscience, 2018, 395, 60-88.	1.1	24
4070	INCREASED FUNCTIONAL CONNECTIVITY AFTER LISTENING TO FAVORED MUSIC IN ADULTS WITH ALZHEIMER DEMENTIA. journal of prevention of Alzheimer's disease, The, 2019, 6, 1-7.	1.5	41
4071	Altered cortical thickness and attentional deficits in adolescent girls and women with bulimia nervosa. Journal of Psychiatry and Neuroscience, 2018, 43, 151-160.	1.4	27
4072	White matter volume is decreased in bipolar disorder at early and late stages. Trends in Psychiatry and Psychotherapy, 2018, 40, 277-284.	0.4	9

#	ARTICLE	IF	CITATIONS
4073	Manual Hippocampal Subfield Segmentation Using High-Field MRI: Impact of Different Subfields in Hippocampal Volume Loss of Temporal Lobe Epilepsy Patients. <i>Frontiers in Neurology</i> , 2018, 9, 927.	1.1	28
4074	Relationship between Cortical Thickness and Neuropsychological Performance in Normal Older Adults and Those with Mild Cognitive Impairment. , 2018, 9, 1020.		30
4075	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
4076	Preliminary Evidence of Sex Differences in Cortical Thickness Following Acute Mild Traumatic Brain Injury. <i>Frontiers in Neurology</i> , 2018, 9, 878.	1.1	11
4077	Predicting eye movement patterns from fMRI responses to natural scenes. <i>Nature Communications</i> , 2018, 9, 5159.	5.8	27
4078	Symmetry Breaking in Wrinkling Patterns: Gyri Are Universally Thicker than Sulci. <i>Physical Review Letters</i> , 2018, 121, 228002.	2.9	47
4079	Adolescent development of cortical oscillations: Power, phase, and support of cognitive maturation. <i>PLoS Biology</i> , 2018, 16, e2004188.	2.6	25
4080	Relationship Between Sulcal Characteristics and Brain Aging. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 339.	1.7	47
4081	Prediction of Autopsy Verified Neuropathological Change of Alzheimer's Disease Using Machine Learning and MRI. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 406.	1.7	26
4082	Neurostructural correlate of math anxiety in the brain of children. <i>Translational Psychiatry</i> , 2018, 8, 273.	2.4	31
4083	Comparison of level set models in image segmentation. <i>IET Image Processing</i> , 2018, 12, 2212-2221.	1.4	15
4084	Multimodal computational neocortical anatomy in pediatric hippocampal sclerosis. <i>Annals of Clinical and Translational Neurology</i> , 2018, 5, 1200-1210.	1.7	7
4085	CSF sAPP $\beta$ , YKL-40, and NfL along the ALS-FTD spectrum. <i>Neurology</i> , 2018, 91, e1619-e1628.	1.5	59
4086	Structural Magnetic Resonance Imaging in Huntington's Disease. <i>International Review of Neurobiology</i> , 2018, 142, 335-380.	0.9	14
4087	Longitudinal structural brain development and externalizing behavior in adolescence. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2018, 59, 1061-1072.	3.1	53
4088	Alexithymia and reactive aggression: The role of the amygdala. <i>Psychiatry Research - Neuroimaging</i> , 2018, 281, 85-91.	0.9	20
4089	Development of the P300 from childhood to adulthood: a multimodal EEG and MRI study. <i>Brain Structure and Function</i> , 2018, 223, 4337-4349.	1.2	16
4090	Training in Use of Brain-Computer Interface-Controlled Robotic Hand Improves Accuracy Decoding Two Types of Hand Movements. <i>Frontiers in Neuroscience</i> , 2018, 12, 478.	1.4	12

#	ARTICLE	IF	CITATIONS
4091	Hippocampal sclerosis: Volumetric evaluation of the substructures of the hippocampus by magnetic resonance imaging. <i>Radiologia</i> , 2018, 60, 404-412.	0.3	1
4092	A Reproducible MEG/EEG Group Study With the MNE Software: Recommendations, Quality Assessments, and Good Practices. <i>Frontiers in Neuroscience</i> , 2018, 12, 530.	1.4	82
4093	Cognitive Predictors of Cortical Thickness in Healthy Aging. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1116, 51-62.	0.8	4
4094	Reduced Regional Cerebral Blood Flow Relates to Poorer Cognition in Older Adults With Type 2 Diabetes. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 270.	1.7	83
4095	Fronto-Temporal Circuits in Musical Hallucinations: A PET-MR Case Study. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 385.	1.0	18
4096	Cigarette smoking is associated with cortical thinning in anterior frontal regions, insula and regions showing atrophy in early Alzheimer's Disease. <i>Drug and Alcohol Dependence</i> , 2018, 192, 277-284.	1.6	28
4097	The application of artificial intelligence to understand the pathophysiological basis of psychogenic nonepileptic seizures. <i>Epilepsy and Behavior</i> , 2018, 87, 167-172.	0.9	29
4098	Excitability regulation in the dorsomedial prefrontal cortex during sustained instructed fear responses: a TMS-EEG study. <i>Scientific Reports</i> , 2018, 8, 14506.	1.6	10
4099	Basal ganglia and cerebellar pathology in X-linked dystonia-parkinsonism. <i>Brain</i> , 2018, 141, 2995-3008.	3.7	41
4100	The effect of age on vertex-based measures of the grey-white matter tissue contrast in autism spectrum disorder. <i>Molecular Autism</i> , 2018, 9, 49.	2.6	13
4101	Observing Action Sequences Elicits Sequence-Specific Neural Representations in Frontoparietal Brain Regions. <i>Journal of Neuroscience</i> , 2018, 38, 10114-10128.	1.7	15
4102	Subcortical brain volumes, cortical thickness and cortical surface area in families genetically enriched for social anxiety disorder " A multiplex multigenerational neuroimaging study. <i>EBioMedicine</i> , 2018, 36, 410-428.	2.7	39
4103	Genome-wide association studies of brain imaging phenotypes in UK Biobank. <i>Nature</i> , 2018, 562, 210-216.	13.7	551
4104	Incident cognitive impairment: longitudinal changes in molecular, structural and cognitive biomarkers. <i>Brain</i> , 2018, 141, 3233-3248.	3.7	24
4105	Theta Activity in the Left Dorsal Premotor Cortex During Action Re-Evaluation and Motor Reprogramming. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 364.	1.0	30
4106	Cortical thickness, brain metabolic activity, and in vivo amyloid deposition in asymptomatic, middle-aged offspring of patients with late-onset Alzheimer's disease. <i>Journal of Psychiatric Research</i> , 2018, 107, 11-18.	1.5	16
4107	Optical Properties Influence Visual Cortical Functional Resolution After Cataract Surgery and Both Dissociate From Subjectively Perceived Quality of Vision. , 2018, 59, 986.		6
4108	Regional amyloid accumulation and cognitive decline in initially amyloid-negative adults. <i>Neurology</i> , 2018, 91, e1809-e1821.	1.5	82

#	ARTICLE	IF	CITATIONS
4109	Feature-dependent intrinsic functional connectivity across cortical depths in the human auditory cortex. <i>Scientific Reports</i> , 2018, 8, 13287.	1.6	9
4110	A multi-scale computational approach based on TMS experiments for the assessment of electro-stimulation thresholds of the brain at intermediate frequencies. <i>Physics in Medicine and Biology</i> , 2018, 63, 225006.	1.6	17
4111	Intraoperative direct subcortical stimulation: comparison of monopolar and bipolar stimulation. <i>Physics in Medicine and Biology</i> , 2018, 63, 225013.	1.6	23
4112	Cerebellar and premotor activity during a non-fatiguing grip task reflects motor fatigue in relapsing-remitting multiple sclerosis. <i>PLoS ONE</i> , 2018, 13, e0201162.	1.1	7
4113	Differential Gray Matter Vulnerability in the 1 Year Following a Clinically Isolated Syndrome. <i>Frontiers in Neurology</i> , 2018, 9, 824.	1.1	12
4114	Dissociations in the neural substrates of language and social functioning in autism spectrum disorder. <i>Autism Research</i> , 2018, 11, 1175-1186.	2.1	2
4115	Cognitive and neuroanatomical impairments associated with chronic exposure to levamisole-contaminated cocaine. <i>Translational Psychiatry</i> , 2018, 8, 235.	2.4	28
4116	Interaction effects of oxytocin receptor gene polymorphism and depression on hippocampal volume. <i>Psychiatry Research - Neuroimaging</i> , 2018, 282, 18-23.	0.9	19
4117	Executive function deficit in betel-quid-dependent chewers: Mediating role of prefrontal cortical thickness. <i>Journal of Psychopharmacology</i> , 2018, 32, 1362-1368.	2.0	12
4118	Aberrant cortical thickness in neurologically asymptomatic patients with end-stage renal disease. <i>Neuropsychiatric Disease and Treatment</i> , 2018, Volume 14, 1929-1939.	1.0	15
4119	Trajectories of brain development in school-age children born preterm with very low birth weight. <i>Scientific Reports</i> , 2018, 8, 15553.	1.6	29
4120	Spatial and Temporal Organization of the Individual Human Cerebellum. <i>Neuron</i> , 2018, 100, 977-993.e7.	3.8	201
4121	Functional Parcellation of the Cerebral Cortex Across the Human Adult Lifespan. <i>Cerebral Cortex</i> , 2018, 28, 4403-4423.	1.6	35
4122	The association between hippocampal subfield volumes and education in cognitively normal older adults and amnesic mild cognitive impairment patients. <i>Neuropsychiatric Disease and Treatment</i> , 2018, Volume 14, 143-152.	1.0	21
4123	Motor Preparation of Step Initiation: Error-related Cortical Oscillations. <i>Neuroscience</i> , 2018, 393, 12-23.	1.1	16
4124	The neural basis of fatigue in multiple sclerosis. <i>Neurology: Clinical Practice</i> , 2018, 8, 492-500.	0.8	18
4125	Analysis of Functional Connectivity and Oscillatory Power Using DICS: From Raw MEG Data to Group-Level Statistics in Python. <i>Frontiers in Neuroscience</i> , 2018, 12, 586.	1.4	21
4126	Lateralization Value of Low Frequency Band Beamformer Magnetoencephalography Source Imaging in Temporal Lobe Epilepsy. <i>Frontiers in Neurology</i> , 2018, 9, 829.	1.1	5

#	ARTICLE	IF	CITATIONS
4127	Hemodynamic Impairment Measured by Positron-Emission Tomography Is Regionally Associated with Decreased Cortical Thickness in Moyamoya Phenomenon. <i>American Journal of Neuroradiology</i> , 2018, 39, 2037-2044.	1.2	8
4128	Low-Frequency Oscillatory Correlates of Auditory Predictive Processing in Cortical-Subcortical Networks: A MEG-Study. <i>Scientific Reports</i> , 2018, 8, 14007.	1.6	30
4129	Regionally specific volume deficits along the hippocampal long axis in early and chronic psychosis. <i>NeuroImage: Clinical</i> , 2018, 20, 1106-1114.	1.4	64
4130	No evidence for morphometric associations of the amygdala and hippocampus with the five-factor model personality traits in relatively healthy young adults. <i>PLoS ONE</i> , 2018, 13, e0204011.	1.1	25
4131	Alzheimer's Disease Biomarkers Have Distinct Associations with Specific Hippocampal Subfield Volumes. <i>Journal of Alzheimer's Disease</i> , 2018, 66, 811-823.	1.2	6
4132	Effects of HIV Infection, methamphetamine dependence and age on cortical thickness, area and volume. <i>NeuroImage: Clinical</i> , 2018, 20, 1044-1052.	1.4	24
4133	Cortical suppression in human primary visual cortex predicts individual differences in illusory tilt perception. <i>Journal of Vision</i> , 2018, 18, 3.	0.1	10
4134	Dissociable Neural Systems for Recognizing Places and Navigating through Them. <i>Journal of Neuroscience</i> , 2018, 38, 10295-10304.	1.7	31
4135	Morphological patterns and spatial probability maps of two defining sulci of the posterior ventrolateral frontal cortex of the human brain: the sulcus diagonalis and the anterior ascending ramus of the lateral fissure. <i>Brain Structure and Function</i> , 2018, 223, 4125-4152.	1.2	25
4136	Cortical Surface Area Rather Than Cortical Thickness Potentially Differentiates Radiation Encephalopathy at Early Stage in Patients With Nasopharyngeal Carcinoma. <i>Frontiers in Neuroscience</i> , 2018, 12, 599.	1.4	17
4137	A group-level comparison of volumetric and combined volumetric-surface normalization for whole brain analyses of myelin and iron maps. <i>Magnetic Resonance Imaging</i> , 2018, 54, 225-240.	1.0	5
4138	Hierarchical Spherical Deformation for Shape Correspondence. <i>Lecture Notes in Computer Science</i> , 2018, 11070, 853-861.	1.0	0
4139	Patch-Based Mapping of Transentorhinal Cortex with a Distributed Atlas. <i>Lecture Notes in Computer Science</i> , 2018, 11072, 689-697.	1.0	2
4140	Modulation of associative learning in the hippocampal-striatal circuit based on item-set similarity. <i>Cortex</i> , 2018, 109, 60-73.	1.1	7
4141	Predicting conversion from MCI to AD by integrating rs-fMRI and structural MRI. <i>Computers in Biology and Medicine</i> , 2018, 102, 30-39.	3.9	109
4142	Adaptation decorrelates shape representations. <i>Nature Communications</i> , 2018, 9, 3812.	5.8	9
4143	Does Family History of Alcohol Use Disorder Relate to Differences in Regional Brain Volumes? A Descriptive Review with New Data. <i>Alcoholism: Clinical and Experimental Research</i> , 2018, 42, 2369-2384.	1.4	5
4144	Advances in MRI Methodology. <i>International Review of Neurobiology</i> , 2018, 141, 31-76.	0.9	124

#	ARTICLE	IF	CITATIONS
4145	Self-similarity and multifractality in human brain activity: A wavelet-based analysis of scale-free brain dynamics. <i>Journal of Neuroscience Methods</i> , 2018, 309, 175-187.	1.3	33
4146	Sex Moderates the Impact of Diagnosis and Amyloid PET Positivity on Hippocampal Subfield Volume. <i>Journal of Alzheimer's Disease</i> , 2018, 64, 79-89.	1.2	19
4147	Functional mapping and effective connectivity of the human operculum. <i>Cortex</i> , 2018, 109, 303-321.	1.1	60
4148	The effects of a muscarinic receptor 1 gene variant on cortical thickness and surface area in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2018, 280, 62-64.	0.9	3
4149	Modeling Semantic Encoding in a Common Neural Representational Space. <i>Frontiers in Neuroscience</i> , 2018, 12, 437.	1.4	18
4150	Risk taking, decision-making, and brain volume in youth adopted internationally from institutional care. <i>Neuropsychologia</i> , 2018, 119, 262-270.	0.7	26
4151	The Lifespan Trajectory of the Encoding-Retrieval Flip: A Multimodal Examination of Medial Parietal Cortex Contributions to Episodic Memory. <i>Journal of Neuroscience</i> , 2018, 38, 8666-8679.	1.7	14
4152	Experience-based SEEG planning: from retrospective data to automated electrode trajectories suggestions. <i>Healthcare Technology Letters</i> , 2018, 5, 167-171.	1.9	13
4153	Disrupted topology of the resting state structural connectome in middle-aged APOE $\epsilon$ 4 carriers. <i>NeuroImage</i> , 2018, 178, 295-305.	2.1	34
4154	Parallel 3D brain modeling & feature extraction: ADNI dataset case study. , 2018, , .		3
4155	Short timescale abnormalities in the states of spontaneous synchrony in the functional neural networks in Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2018, 20, 128-152.	1.4	32
4156	Increased Functional MEG Connectivity as a Hallmark of MRI-Negative Focal and Generalized Epilepsy. <i>Brain Topography</i> , 2018, 31, 863-874.	0.8	37
4157	Multiscale Frame-Based Kernels for Large Deformation Diffeomorphic Metric Mapping. <i>IEEE Transactions on Medical Imaging</i> , 2018, 37, 2344-2355.	5.4	4
4158	Accurate nonlinear mapping between MNI volumetric and FreeSurfer surface coordinate systems. <i>Human Brain Mapping</i> , 2018, 39, 3793-3808.	1.9	75
4159	Cortical Thickness Estimations of FreeSurfer and the CAT12 Toolbox in Patients with Alzheimer's Disease and Healthy Controls. <i>Journal of Neuroimaging</i> , 2018, 28, 515-523.	1.0	100
4160	Induction and Quantification of Excitability Changes in Human Cortical Networks. <i>Journal of Neuroscience</i> , 2018, 38, 5384-5398.	1.7	61
4161	The segmentation of the human brain; a message to the neuroimaging community from an adjacent domain of the neurosciences. <i>NeuroImage</i> , 2018, 178, 749-752.	2.1	0
4162	Attending to What and Where: Background Connectivity Integrates Categorical and Spatial Attention. <i>Journal of Cognitive Neuroscience</i> , 2018, 30, 1281-1297.	1.1	24

#	ARTICLE	IF	CITATIONS
4163	Nutritional Status Affects Cortical Folding: Lessons Learned From Anorexia Nervosa. <i>Biological Psychiatry</i> , 2018, 84, 692-701.	0.7	49
4164	Individual differences in decoding skill, print exposure, and cortical structure in young adults. <i>Language, Cognition and Neuroscience</i> , 2018, 33, 1275-1295.	0.7	16
4165	Cortical brain structure and sexual orientation in adult females with bipolar disorder or attention deficit hyperactivity disorder. <i>Brain and Behavior</i> , 2018, 8, e00998.	1.0	9
4166	Gray matter changes in asymptomatic C9orf72 and GRN mutation carriers. <i>NeuroImage: Clinical</i> , 2018, 18, 591-598.	1.4	26
4167	Normative brain size variation and brain shape diversity in humans. <i>Science</i> , 2018, 360, 1222-1227.	6.0	194
4168	Cerebral Imaging Markers of GBA and LRRK2 Related Parkinson's Disease and Their First-Degree Unaffected Relatives. <i>Brain Topography</i> , 2018, 31, 1029-1036.	0.8	23
4169	Brain structure mediates the association between height and cognitive ability. <i>Brain Structure and Function</i> , 2018, 223, 3487-3494.	1.2	18
4170	Beyond volume: A surface-based approach to bilingualism-induced grey matter changes. <i>Neuropsychologia</i> , 2018, 117, 1-7.	0.7	8
4171	Socioeconomic status moderates age-related differences in the brain's functional network organization and anatomy across the adult lifespan. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5144-E5153.	3.3	100
4172	Age and Alzheimer's pathology disrupt default mode network functioning via alterations in white matter microstructure but not hyperintensities. <i>Cortex</i> , 2018, 104, 58-74.	1.1	24
4173	A task-invariant cognitive reserve network. <i>NeuroImage</i> , 2018, 178, 36-45.	2.1	94
4174	Diffusion MRI tractography for improved transcranial MRI-guided focused ultrasound thalamotomy targeting for essential tremor. <i>NeuroImage: Clinical</i> , 2018, 19, 572-580.	1.4	64
4175	Diffusion markers of dendritic density and arborization in gray matter predict differences in intelligence. <i>Nature Communications</i> , 2018, 9, 1905.	5.8	119
4176	Structural neural predictors of Farsi-English bilingualism. <i>Brain and Language</i> , 2018, 180-182, 42-49.	0.8	1
4177	Detailed somatotopy in primary motor and somatosensory cortex revealed by Gaussian population receptive fields. <i>NeuroImage</i> , 2018, 179, 337-347.	2.1	74
4178	Baseline biomarkers of connectome disruption and atrophy predict future processing speed in early multiple sclerosis. <i>NeuroImage: Clinical</i> , 2018, 19, 417-424.	1.4	34
4179	Evaluation of methods for volumetric analysis of pediatric brain data: The childmetrix pipeline versus adult-based approaches. <i>NeuroImage: Clinical</i> , 2018, 19, 734-744.	1.4	9
4180	Cortical thickness analysis in operculo-insular epilepsy. <i>NeuroImage: Clinical</i> , 2018, 19, 727-733.	1.4	7

#	ARTICLE	IF	CITATIONS
4181	Magnetic resonance imaging evidence of hippocampal structural changes in patients with primary biliary cholangitis. <i>Clinical and Translational Gastroenterology</i> , 2018, 9, e169.	1.3	13
4182	Morphological Biomarker Differentiating MCI Converters from Nonconverters: Longitudinal Evidence Based on Hemispheric Asymmetry. <i>Behavioural Neurology</i> , 2018, 2018, 1-9.	1.1	17
4183	Negative Mood States Correlate with Laterobasal Amygdala in Collegiate Football Players. <i>BioMed Research International</i> , 2018, 2018, 1-11.	0.9	11
4184	Effect of Ibuprofen on BrainAGE: A Randomized, Placebo-Controlled, Dose-Response Exploratory Study. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018, 3, 836-843.	1.1	23
4185	Self-monitoring in the cerebral cortex: Neural responses to small pitch shifts in auditory feedback during speech production. <i>NeuroImage</i> , 2018, 179, 326-336.	2.1	18
4186	Stereotype-based stressors facilitate emotional memory neural network connectivity and encoding of negative information to degrade math self-perceptions among women. <i>Social Cognitive and Affective Neuroscience</i> , 2018, 13, 719-740.	1.5	17
4187	Exploring Postoperative Cognitive Dysfunction and Delirium in Noncardiac Surgery Using MRI: A Systematic Review. <i>Neural Plasticity</i> , 2018, 2018, 1-12.	1.0	64
4188	Bilateral Transcranial Direct Current Stimulation Reshapes Resting-State Brain Networks: A Magnetoencephalography Assessment. <i>Neural Plasticity</i> , 2018, 2018, 1-10.	1.0	26
4189	Acute and long-lasting cortical thickness changes following intensive first-person action videogame practice. <i>Behavioural Brain Research</i> , 2018, 353, 62-73.	1.2	19
4190	Heritability of neural reactions to social exclusion and prosocial compensation in middle childhood. <i>Developmental Cognitive Neuroscience</i> , 2018, 34, 42-52.	1.9	25
4191	Use of Machine Learning to Determine Deviance in Neuroanatomical Maturity Associated With Future Psychosis in Youths at Clinically High Risk. <i>JAMA Psychiatry</i> , 2018, 75, 960.	6.0	114
4192	Sex-specific genetic predictors of Alzheimer's disease biomarkers. <i>Acta Neuropathologica</i> , 2018, 136, 857-872.	3.9	87
4193	Identification of Alzheimer's Disease and Mild Cognitive Impairment Using Networks Constructed Based on Multiple Morphological Brain Features. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018, 3, 887-897.	1.1	30
4194	A cortical shape-adaptive approach to local gyrification index. <i>Medical Image Analysis</i> , 2018, 48, 244-258.	7.0	28
4195	Frontal cortex selects representations of the talker's mouth to aid in speech perception. <i>ELife</i> , 2018, 7, .	2.8	26
4196	Relationship between interleukin (IL)-6 and brain morphology in drug-naïve, first-episode major depressive disorder using surface-based morphometry. <i>Scientific Reports</i> , 2018, 8, 10054.	1.6	58
4197	Smaller hippocampal volume following sexual assault in women is associated with post-traumatic stress disorder. <i>Acta Psychiatrica Scandinavica</i> , 2018, 138, 312-324.	2.2	17
4198	Esclerosis hipocampal: evaluación volumétrica de las subestructuras del hipocampo utilizando resonancia magnética. <i>Radiología</i> , 2018, 60, 404-412.	0.3	0



#	ARTICLE	IF	CITATIONS
4199	Sex differences in brain structure among adolescents with bipolar disorder. <i>Bipolar Disorders</i> , 2018, 20, 448-458.	1.1	16
4200	The relationship of IQ and emotional processing with insula volume in schizophrenia. <i>Schizophrenia Research</i> , 2018, 202, 141-148.	1.1	16
4201	Reward Learning over Weeks Versus Minutes Increases the Neural Representation of Value in the Human Brain. <i>Journal of Neuroscience</i> , 2018, 38, 7649-7666.	1.7	48
4202	Cortical gyrification in schizophrenia: current perspectives. <i>Neuropsychiatric Disease and Treatment</i> , 2018, Volume 14, 1861-1869.	1.0	50
4203	Anomalous morphology in left hemisphere motor and premotor cortex of children who stutter. <i>Brain</i> , 2018, 141, 2670-2684.	3.7	41
4204	Prediction of individualized task activation in sensory modality-selective frontal cortex with $\alpha$ -connectome fingerprinting <sup>TM</sup> . <i>NeuroImage</i> , 2018, 183, 173-185.	2.1	36
4205	Correlation of tryptophan metabolites with connectivity of extended central reward network in healthy subjects. <i>PLoS ONE</i> , 2018, 13, e0201772.	1.1	53
4206	Brain Structure and Function in Women with Comorbid Bipolar and Premenstrual Dysphoric Disorder. <i>Frontiers in Psychiatry</i> , 2017, 8, 301.	1.3	23
4207	Working Memory Modulates Glutamate Levels in the Dorsolateral Prefrontal Cortex during 1H fMRS. <i>Frontiers in Psychiatry</i> , 2018, 9, 66.	1.3	34
4208	A Retrospective Belgian Multi-Center MRI Biomarker Study in Alzheimer's Disease (REMEMBER). <i>Journal of Alzheimer's Disease</i> , 2018, 63, 1509-1522.	1.2	17
4209	Concurrent EEG and Functional MRI Recording and Integration Analysis for Dynamic Cortical Activity Imaging. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	5
4210	Structural and functional alterations in the brain during working memory in medication-naïve patients at clinical high-risk for psychosis. <i>PLoS ONE</i> , 2018, 13, e0196289.	1.1	12
4211	Columnar organization of mid-spectral and end-spectral hue preferences in human visual cortex. <i>NeuroImage</i> , 2018, 181, 748-759.	2.1	16
4212	Multiple Sclerosis Fatigue: A Longitudinal Structural MRI and Diffusion Tensor Imaging Study. <i>Journal of Neuroimaging</i> , 2018, 28, 650-655.	1.0	10
4213	Differences in Cortical Structure and Functional MRI Connectivity in High Functioning Autism. <i>Frontiers in Neurology</i> , 2018, 9, 539.	1.1	64
4214	The effect of age and smoking on the hippocampus and memory in late middle age. <i>Hippocampus</i> , 2018, 28, 846-849.	0.9	9
4215	Scale-specific analysis of fMRI data on the irregular cortical surface. <i>NeuroImage</i> , 2018, 181, 370-381.	2.1	0
4216	Abnormally reduced primary motor cortex output is related to impaired hand function in chronic stroke. <i>Journal of Neurophysiology</i> , 2018, 120, 1680-1694.	0.9	26

#	ARTICLE	IF	CITATIONS
4217	Brain Network Modularity Predicts Exercise-Related Executive Function Gains in Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 426.	1.7	83
4218	Ventricular and Periventricular Anomalies in the Aging and Cognitively Impaired Brain. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 445.	1.7	33
4219	Gray/White Matter Contrast in Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 89.	1.7	7
4220	Alcohol Consumption and Subclinical Findings on Cognitive Function, Biochemical Indexes, and Cortical Anatomy in Cognitively Normal Aging Han Chinese Population. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 182.	1.7	7
4221	Reductions in Corpus Callosum Volume Partially Mediate Effects of Prenatal Alcohol Exposure on IQ. <i>Frontiers in Neuroanatomy</i> , 2018, 11, 132.	0.9	23
4222	Left-Lateralized Contributions of Saccades to Cortical Activity During a One-Back Word Recognition Task. <i>Frontiers in Neural Circuits</i> , 2018, 12, 38.	1.4	3
4223	A Fully Automated Pipeline for Normative Atrophy in Patients with Neurodegenerative Disease. <i>Frontiers in Neurology</i> , 2017, 8, 727.	1.1	13
4224	Altered Regional Brain Cortical Thickness in Pediatric Obstructive Sleep Apnea. <i>Frontiers in Neurology</i> , 2018, 9, 4.	1.1	38
4225	The Neurocognitive and MRI Outcomes of West Nile Virus Infection: Preliminary Analysis Using an External Control Group. <i>Frontiers in Neurology</i> , 2018, 9, 111.	1.1	33
4226	Categorization for Faces and Tools—Two Classes of Objects Shaped by Different Experience—Differs in Processing Timing, Brain Areas Involved, and Repetition Effects. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 650.	1.0	6
4227	Individual Morphological Brain Network Construction Based on Multivariate Euclidean Distances Between Brain Regions. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 204.	1.0	32
4228	Optimizing Within-Subject Experimental Designs for jICA of Multi-Channel ERP and fMRI. <i>Frontiers in Neuroscience</i> , 2018, 12, 13.	1.4	6
4229	Decoding Speech With Integrated Hybrid Signals Recorded From the Human Ventral Motor Cortex. <i>Frontiers in Neuroscience</i> , 2018, 12, 221.	1.4	20
4230	Integrated fMRI Preprocessing Framework Using Extended Kalman Filter for Estimation of Slice-Wise Motion. <i>Frontiers in Neuroscience</i> , 2018, 12, 268.	1.4	5
4231	Neural Responses to Naturalistic Clips of Behaving Animals in Two Different Task Contexts. <i>Frontiers in Neuroscience</i> , 2018, 12, 316.	1.4	13
4232	TMS Motor Thresholds Correlate With TDCS Electric Field Strengths in Hand Motor Area. <i>Frontiers in Neuroscience</i> , 2018, 12, 426.	1.4	40
4233	MEG—BMI to Control Phantom Limb Pain. <i>Neurologia Medico-Chirurgica</i> , 2018, 58, 327-333.	1.0	8
4234	The NIRS Brain AnalyzIR Toolbox. <i>Algorithms</i> , 2018, 11, 73.	1.2	262

#	ARTICLE	IF	CITATIONS
4235	Multimodal Discrimination between Normal Aging, Mild Cognitive Impairment and Alzheimer's Disease and Prediction of Cognitive Decline. <i>Diagnostics</i> , 2018, 8, 14.	1.3	21
4236	Age-associated increase in mnemonic strategy use is linked to prefrontal cortex development. <i>NeuroImage</i> , 2018, 181, 162-169.	2.1	24
4237	Migraine with aura and white matter tract changes. <i>Acta Neurologica Belgica</i> , 2018, 118, 485-491.	0.5	15
4238	MRI adipose tissue and muscle composition analysis—a review of automation techniques. <i>British Journal of Radiology</i> , 2018, 91, 20180252.	1.0	29
4239	Surgical resection of ripple onset predicts outcome in pediatric epilepsy. <i>Annals of Neurology</i> , 2018, 84, 331-346.	2.8	51
4240	Integrated analysis of anatomical and electrophysiological human intracranial data. <i>Nature Protocols</i> , 2018, 13, 1699-1723.	5.5	130
4241	Spared perception of object geometry and object components after hippocampal damage. <i>Learning and Memory</i> , 2018, 25, 330-334.	0.5	4
4242	Maturational trajectories of local and long-range functional connectivity in autism during face processing. <i>Human Brain Mapping</i> , 2018, 39, 4094-4104.	1.9	38
4243	Cortical morphology, epileptiform discharges, and neuropsychological performance in BECTS. <i>Acta Neurologica Scandinavica</i> , 2018, 138, 432-440.	1.0	13
4244	Multimodal cortical and hippocampal prediction of episodic memory plasticity in young and older adults. <i>Human Brain Mapping</i> , 2018, 39, 4480-4492.	1.9	11
4245	Hyperedge bundling: Data, source code, and precautions to modeling-accuracy bias to synchrony estimates. <i>Data in Brief</i> , 2018, 18, 262-275.	0.5	2
4246	Regional cortical thickness changes accompanying generalized tonic-clonic seizures. <i>NeuroImage: Clinical</i> , 2018, 20, 205-215.	1.4	39
4247	Longitudinal changes in brain volumetry and cognitive functions after moderate and severe diffuse axonal injury. <i>Brain Injury</i> , 2018, 32, 1413-1422.	0.6	19
4248	Cytokine alterations in first-episode schizophrenia and bipolar disorder: relationships to brain structure and symptoms. <i>Journal of Neuroinflammation</i> , 2018, 15, 165.	3.1	104
4249	The Relationship Between General Intelligence and Cortical Structure in Healthy Individuals. <i>Neuroscience</i> , 2018, 388, 36-44.	1.1	26
4250	Suppressed Sensory Response to Predictable Object Stimuli throughout the Ventral Visual Stream. <i>Journal of Neuroscience</i> , 2018, 38, 7452-7461.	1.7	82
4251	The structural basis of semantic control: Evidence from individual differences in cortical thickness. <i>NeuroImage</i> , 2018, 181, 480-489.	2.1	28
4252	History of suicide attempt and right superior temporal gyrus volume in youth with treatment-resistant major depressive disorder. <i>Journal of Affective Disorders</i> , 2018, 239, 291-294.	2.0	40

#	ARTICLE	IF	CITATIONS
4253	Neuropil contraction in relation to Complement C4 gene copy numbers in independent cohorts of adolescent-onset and young adult-onset schizophrenia patients—a pilot study. <i>Translational Psychiatry</i> , 2018, 8, 134.	2.4	34
4254	Structural cortical network reorganization associated with early conversion to multiple sclerosis. <i>Scientific Reports</i> , 2018, 8, 10715.	1.6	19
4255	Migraine with Aura: Surface-Based Analysis of the Cerebral Cortex with Magnetic Resonance Imaging. <i>Korean Journal of Radiology</i> , 2018, 19, 767.	1.5	32
4256	Robust neuronal oscillatory entrainment to speech displays individual variation in lateralisation. <i>Language, Cognition and Neuroscience</i> , 2018, 33, 943-954.	0.7	11
4257	Greater depressive symptoms, cognition, and markers of brain aging. <i>Neurology</i> , 2018, 90, e2077-e2085.	1.5	19
4258	A Longitudinal Imaging Genetics Study of Neuroanatomical Asymmetry in Alzheimer's Disease. <i>Biological Psychiatry</i> , 2018, 84, 522-530.	0.7	46
4259	Frontal dysconnectivity in 22q11.2 deletion syndrome: an atlas-based functional connectivity analysis. <i>Behavioral and Brain Functions</i> , 2018, 14, 2.	1.4	20
4260	Different neural substrates for precision stepping and fast online step adjustments in youth. <i>Brain Structure and Function</i> , 2018, 223, 2039-2053.	1.2	15
4261	Integrated magnetic resonance imaging and [ <sup>11</sup> C]PBR28 positron emission tomographic imaging in amyotrophic lateral sclerosis. <i>Annals of Neurology</i> , 2018, 83, 1186-1197.	2.8	75
4262	White matter tract network disruption explains reduced conscientiousness in multiple sclerosis. <i>Human Brain Mapping</i> , 2018, 39, 3682-3690.	1.9	23
4263	Magnetoencephalographic Mapping of Epileptic Spike Population Using Distributed Source Analysis. <i>Journal of Clinical Neurophysiology</i> , 2018, 35, 339-345.	0.9	6
4264	Differential contributions of cortical thickness and surface area to trait impulsivity in healthy young adults. <i>Behavioural Brain Research</i> , 2018, 350, 65-71.	1.2	15
4265	Identification of individual subjects on the basis of their brain anatomical features. <i>Scientific Reports</i> , 2018, 8, 5611.	1.6	49
4266	Reduced penetrance of the PSEN1 H163Y autosomal dominant Alzheimer mutation: a 22-year follow-up study. <i>Alzheimer's Research and Therapy</i> , 2018, 10, 45.	3.0	11
4267	An empirical, 21st century evaluation of phrenology. <i>Cortex</i> , 2018, 106, 26-35.	1.1	20
4268	Age-related increase of image-invariance in the fusiform face area. <i>Developmental Cognitive Neuroscience</i> , 2018, 31, 46-57.	1.9	12
4269	Clinical and radiological determinants of transient symptoms associated with infarction (TSI). <i>Journal of the Neurological Sciences</i> , 2018, 390, 195-199.	0.3	7
4270	Requirements for Coregistration Accuracy in On-Scalp MEG. <i>Brain Topography</i> , 2018, 31, 931-948.	0.8	40

#	ARTICLE	IF	CITATIONS
4271	Computational EEG Analysis. Biological and Medical Physics Series, 2018, , .	0.3	21
4272	Individual differences in functional brain connectivity predict temporal discounting preference in the transition to adolescence. <i>Developmental Cognitive Neuroscience</i> , 2018, 34, 101-113.	1.9	25
4273	Automatic normative quantification of brain tissue volume to support the diagnosis of dementia: A clinical evaluation of diagnostic accuracy. <i>NeuroImage: Clinical</i> , 2018, 20, 374-379.	1.4	25
4274	A quantitative framework for motion visibility in human cortex. <i>Journal of Neurophysiology</i> , 2018, 120, 1824-1839.	0.9	15
4275	Selection Processing in Noun and Verb Production in Left- and Right-Sided Parkinson's Disease Patients. <i>Frontiers in Psychology</i> , 2018, 9, 1241.	1.1	14
4276	IntrAnat Electrodes: A Free Database and Visualization Software for Intracranial Electroencephalographic Data Processed for Case and Group Studies. <i>Frontiers in Neuroinformatics</i> , 2018, 12, 40.	1.3	38
4277	Chained regularization for identifying brain patterns specific to HIV infection. <i>NeuroImage</i> , 2018, 183, 425-437.	2.1	23
4278	Atrophy in Distributed Networks Predicts Cognition in Alzheimer's Disease and Type 2 Diabetes. <i>Journal of Alzheimer's Disease</i> , 2018, 65, 1301-1312.	1.2	10
4279	MRI Asymmetry Index of Hippocampal Subfields Increases Through the Continuum From the Mild Cognitive Impairment to the Alzheimer's Disease. <i>Frontiers in Neuroscience</i> , 2018, 12, 576.	1.4	72
4280	Exercise-heat stress with and without water replacement alters brain structures and impairs visuomotor performance. <i>Physiological Reports</i> , 2018, 6, e13805.	0.7	29
4281	Biological Brain Age Prediction Using Cortical Thickness Data: A Large Scale Cohort Study. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 252.	1.7	78
4283	Comparing fully automated state-of-the-art cerebellum parcellation from magnetic resonance images. <i>NeuroImage</i> , 2018, 183, 150-172.	2.1	80
4284	Free viewing of talking faces reveals mouth and eye preferring regions of the human superior temporal sulcus. <i>NeuroImage</i> , 2018, 183, 25-36.	2.1	15
4285	Size matters: Grey matter brain reserve predicts executive functioning in the elderly. <i>Neuropsychologia</i> , 2018, 119, 172-181.	0.7	14
4286	Geometric Convolutional Neural Network for Analyzing Surface-Based Neuroimaging Data. <i>Frontiers in Neuroinformatics</i> , 2018, 12, 42.	1.3	29
4287	Three Distinct Sets of Connector Hubs Integrate Human Brain Function. <i>Cell Reports</i> , 2018, 24, 1687-1695.e4.	2.9	113
4288	Nighres: processing tools for high-resolution neuroimaging. <i>GigaScience</i> , 2018, 7, .	3.3	56
4289	Development and evaluation of a multimodal marker of major depressive disorder. <i>Human Brain Mapping</i> , 2018, 39, 4420-4439.	1.9	35

#	ARTICLE	IF	CITATIONS
4290	Neuroanatomical Correlates of the Unity and Diversity Model of Executive Function in Young Adults. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 283.	1.0	24
4291	Altered Structural Covariance Among the Dorsolateral Prefrontal Cortex and Amygdala in Treatment-Naïve Patients With Major Depressive Disorder. <i>Frontiers in Psychiatry</i> , 2018, 9, 323.	1.3	19
4292	Stability of graph theoretical measures in structural brain networks in Alzheimer's disease. <i>Scientific Reports</i> , 2018, 8, 11592.	1.6	41
4293	PLP1 and CNTN1 gene variation modulates the microstructure of human white matter in the corpus callosum. <i>Brain Structure and Function</i> , 2018, 223, 3875-3887.	1.2	10
4294	The parieto-insular vestibular cortex in humans: more than a single area?. <i>Journal of Neurophysiology</i> , 2018, 120, 1438-1450.	0.9	96
4295	Greater tau load and reduced cortical thickness in APOE $\epsilon$ 4-negative Alzheimer's disease: a cohort study. <i>Alzheimer's Research and Therapy</i> , 2018, 10, 77.	3.0	56
4296	Common and distinct patterns of abnormal cortical gyrification in major depression and borderline personality disorder. <i>European Neuropsychopharmacology</i> , 2018, 28, 1115-1125.	0.3	30
4297	EEG Source Imaging and Multimodal Neuroimaging. <i>Biological and Medical Physics Series</i> , 2018, , 83-123.	0.3	0
4298	White matter microstructural abnormalities in blast-exposed combat veterans: accounting for potential pre-injury factors using consanguineous controls. <i>Neuroradiology</i> , 2018, 60, 1019-1033.	1.1	7
4299	Parcellating Cerebral Cortex: How Invasive Animal Studies Inform Noninvasive Mapmaking in Humans. <i>Neuron</i> , 2018, 99, 640-663.	3.8	103
4300	Neural Mechanisms of Sustained Attention Are Rhythmic. <i>Neuron</i> , 2018, 99, 854-865.e5.	3.8	330
4301	A lexical semantic hub for heteromodal naming in middle fusiform gyrus. <i>Brain</i> , 2018, 141, 2112-2126.	3.7	105
4302	Neural representation of vowel formants in tonotopic auditory cortex. <i>NeuroImage</i> , 2018, 178, 574-582.	2.1	8
4303	Executive dysfunction contributes to verbal encoding and retrieval deficits in posterior cortical atrophy. <i>Cortex</i> , 2018, 106, 36-46.	1.1	27
4304	Cortical thickness and volume abnormalities in Internet gaming disorder: Evidence from comparison of recreational Internet game users. <i>European Journal of Neuroscience</i> , 2018, 48, 1654-1666.	1.2	29
4305	Laser ablation for mesial temporal lobe epilepsy: Surgical and cognitive outcomes with and without mesial temporal sclerosis. <i>Epilepsia</i> , 2018, 59, 1421-1432.	2.6	98
4306	Diminished neural network dynamics after moderate and severe traumatic brain injury. <i>PLoS ONE</i> , 2018, 13, e0197419.	1.1	24
4307	The Neuroimaging of Brain Diseases. <i>Contemporary Clinical Neuroscience</i> , 2018, , .	0.3	1

#	ARTICLE	IF	CITATIONS
4308	Development and validation of a novel dementia of Alzheimer's type (DAT) score based on metabolism FDG-PET imaging. <i>NeuroImage: Clinical</i> , 2018, 18, 802-813.	1.4	35
4309	Abnormal cortical gyrification in criminal psychopathy. <i>NeuroImage: Clinical</i> , 2018, 19, 876-882.	1.4	14
4310	Down syndrome is accompanied by significantly reduced cortical greyâ€“white matter tissue contrast. <i>Human Brain Mapping</i> , 2018, 39, 4043-4054.	1.9	12
4311	Variability and bias between magnetoencephalography systems in non-invasive localization of the primary somatosensory cortex. <i>Clinical Neurology and Neurosurgery</i> , 2018, 171, 63-69.	0.6	8
4312	Neuroimaging investigations of dorsal stream processing and effects of stimulus synchrony in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2018, 278, 56-64.	0.9	6
4313	Williams Syndrome neuroanatomical score associates with GTF2IRD1 in large-scale magnetic resonance imaging cohorts: a proof of concept for multivariate endophenotypes. <i>Translational Psychiatry</i> , 2018, 8, 114.	2.4	6
4314	Cortical thickness variation of the maternal brain in the first 6Âmonths postpartum: associations with parental self-efficacy. <i>Brain Structure and Function</i> , 2018, 223, 3267-3277.	1.2	47
4315	Obstructive sleep apnea and cortical thickness in females and males. <i>PLoS ONE</i> , 2018, 13, e0193854.	1.1	58
4316	Bipolar disorder type I and <scp>II</scp> show distinct relationships between cortical thickness and executive function. <i>Acta Psychiatrica Scandinavica</i> , 2018, 138, 325-335.	2.2	34
4317	Chronotype differences in cortical thickness: grey matter reflects when you go to bed. <i>Brain Structure and Function</i> , 2018, 223, 3411-3421.	1.2	18
4318	Changes in amygdala, cerebellum, and nucleus accumbens volumes in bipolar patients treated with lamotrigine. <i>Psychiatry Research - Neuroimaging</i> , 2018, 278, 13-20.	0.9	9
4319	Fractal dimension brain morphometry: a novel approach to quantify white matter in traumatic brain injury. <i>Brain Imaging and Behavior</i> , 2019, 13, 914-924.	1.1	14
4320	Predicting and Tracking Short Term Disease Progression in Amnesic Mild Cognitive Impairment Patients with Prodromal Alzheimerâ€™s Disease: Structural Brain Biomarkers. <i>Journal of Alzheimer's Disease</i> , 2019, 69, 3-14.	1.2	18
4321	Structural changes in brain regions involved in executive-control and self-referential processing after sleeve gastrectomy in obese patients. <i>Brain Imaging and Behavior</i> , 2019, 13, 830-840.	1.1	28
4322	Spatial Topography of Individual-Specific Cortical Networks Predicts Human Cognition, Personality, and Emotion. <i>Cerebral Cortex</i> , 2019, 29, 2533-2551.	1.6	430
4323	Reduced cortical folding in multi-modal vestibular regions in persistent postural perceptual dizziness. <i>Brain Imaging and Behavior</i> , 2019, 13, 798-809.	1.1	35
4324	Interpretable High-Dimensional Inference Via Score Projection With an Application in Neuroimaging. <i>Journal of the American Statistical Association</i> , 2019, 114, 820-830.	1.8	2
4325	Altered brain cortical maturation is found in adolescents with a family history of alcoholism. <i>Addiction Biology</i> , 2019, 24, 835-845.	1.4	15

#	ARTICLE	IF	CITATIONS
4326	Radiation-induced hippocampal atrophy in patients with nasopharyngeal carcinoma early after radiotherapy: a longitudinal MR-based hippocampal subfield analysis. <i>Brain Imaging and Behavior</i> , 2019, 13, 1160-1171.	1.1	35
4327	Neuroanatomical Correlates of Advanced Paternal and Maternal Age at Birth in Autism Spectrum Disorder. <i>Cerebral Cortex</i> , 2019, 29, 2524-2532.	1.6	11
4328	Brain Correlates of Continuous Pain in Rheumatoid Arthritis as Measured by Pulsed Arterial Spin Labeling. <i>Arthritis Care and Research</i> , 2019, 71, 308-318.	1.5	8
4329	Local Cortical Gyrfication is Increased in Children With Autism Spectrum Disorders, but Decreases Rapidly in Adolescents. <i>Cerebral Cortex</i> , 2019, 29, 2412-2423.	1.6	43
4330	A Longitudinal Study of Local Gyrfication Index in Young Boys With Autism Spectrum Disorder. <i>Cerebral Cortex</i> , 2019, 29, 2575-2587.	1.6	47
4331	Joint Pairing and Structured Mapping of Convolutional Brain Morphological Multiplexes for Early Dementia Diagnosis. <i>Brain Connectivity</i> , 2019, 9, 22-36.	0.8	42
4332	Recurrent Processing of Contour Integration in the Human Visual Cortex as Revealed By fMRI-Guided TMS. <i>Cerebral Cortex</i> , 2019, 29, 17-26.	1.6	10
4333	Robust Identification of Rich-Club Organization in Weighted and Dense Structural Connectomes. <i>Brain Topography</i> , 2019, 32, 1-16.	0.8	6
4334	Brain Activity Mapping from MEG Data via a Hierarchical Bayesian Algorithm with Automatic Depth Weighting. <i>Brain Topography</i> , 2019, 32, 363-393.	0.8	19
4335	Maintained Frontal Activity Underlies High Memory Function Over 8 Years in Aging. <i>Cerebral Cortex</i> , 2019, 29, 3111-3123.	1.6	28
4336	Interdatabase Variability in Cortical Thickness Measurements. <i>Cerebral Cortex</i> , 2019, 29, 3282-3293.	1.6	5
4337	Brain morphometry of preschool age children affected by autism spectrum disorder: Correlation with clinical findings. <i>Clinical Anatomy</i> , 2019, 32, 143-150.	1.5	8
4338	Musicians at the Cocktail Party: Neural Substrates of Musical Training During Selective Listening in Multispeaker Situations. <i>Cerebral Cortex</i> , 2019, 29, 3253-3265.	1.6	37
4339	Cortical thickness and subcortical volumes alterations in euthymic bipolar I patients treated with different mood stabilizers. <i>Brain Imaging and Behavior</i> , 2019, 13, 1255-1264.	1.1	8
4340	Maturation of the Human Cerebral Cortex During Adolescence: Myelin or Dendritic Arbor?. <i>Cerebral Cortex</i> , 2019, 29, 3351-3362.	1.6	35
4341	Cortical thickness in major depressive disorder: A systematic review and meta-analysis. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 88, 287-302.	2.5	113
4342	Effect of reading intervention and task difficulty on orthographic and phonological reading systems in the brain. <i>Neuropsychologia</i> , 2019, 130, 13-25.	0.7	10
4343	Early adolescent brain markers of late adolescent academic functioning. <i>Brain Imaging and Behavior</i> , 2019, 13, 945-952.	1.1	7



#	ARTICLE	IF	CITATIONS
4344	Speech structure links the neural and socio-behavioural correlates of psychotic disorders. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 88, 112-120.	2.5	59
4345	Cortical structures and their clinical correlates in antipsychotic-naïve schizophrenia patients before and after 6 weeks of dopamine D <sub>2/3</sub> receptor antagonist treatment. <i>Psychological Medicine</i> , 2019, 49, 754-763.	2.7	19
4346	Image processing and analysis methods for the Adolescent Brain Cognitive Development Study. <i>NeuroImage</i> , 2019, 202, 116091.	2.1	539
4347	Dissociable age and memory relationships with hippocampal subfield volumes in vivo: Data from the Irish Longitudinal Study on Ageing (TILDA). <i>Scientific Reports</i> , 2019, 9, 10981.	1.6	15
4348	Bidirectional prefrontal-hippocampal dynamics organize information transfer during sleep in humans. <i>Nature Communications</i> , 2019, 10, 3572.	5.8	149
4349	Brain-behaviour modes of covariation in healthy and clinically depressed young people. <i>Scientific Reports</i> , 2019, 9, 11536.	1.6	31
4350	Multicenter validation of automated trajectories for selective laser amygdalohippocampectomy. <i>Epilepsia</i> , 2019, 60, 1949-1959.	2.6	15
4351	Measures of Adiposity and Alzheimer's Disease-Related MRI Markers: The Northern Manhattan Study. <i>Journal of Alzheimer's Disease</i> , 2019, 70, 995-1004.	1.2	3
4352	On the sensitivity of the diffusion MRI signal to brain activity in response to a motor cortex paradigm. <i>Human Brain Mapping</i> , 2019, 40, 5069-5082.	1.9	10
4353	Automated brain extraction of multisequence MRI using artificial neural networks. <i>Human Brain Mapping</i> , 2019, 40, 4952-4964.	1.9	284
4354	Pathway-Specific Genetic Risk for Alzheimer's Disease Differentiates Regional Patterns of Cortical Atrophy in Older Adults. <i>Cerebral Cortex</i> , 2019, 30, 801-811.	1.6	11
4355	Aberrant resting-state functional connectivity of the dorsolateral prefrontal cortex to the anterior insula and its association with fear avoidance belief in chronic neck pain patients. <i>PLoS ONE</i> , 2019, 14, e0221023.	1.1	20
4356	Inner retinal thinning as a biomarker for cognitive impairment in de novo Parkinson's disease. <i>Scientific Reports</i> , 2019, 9, 11832.	1.6	30
4357	Are global and specific interindividual differences in cortical thickness associated with facets of cognitive abilities, including face cognition?. <i>Royal Society Open Science</i> , 2019, 6, 180857.	1.1	9
4358	Region-Specific Changes of Insular Cortical Thickness in Heavy Smokers. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 265.	1.0	8
4359	Spatial distributions of cholinergic impairment and neuronal hypometabolism differ in MCI due to AD. <i>NeuroImage: Clinical</i> , 2019, 24, 101978.	1.4	11
4360	Surface-constrained volumetric registration for the early developing brain. <i>Medical Image Analysis</i> , 2019, 58, 101540.	7.0	11
4361	Alterations in Brain Structure and Amplitude of Low-frequency after 8 weeks of Mindfulness Meditation Training in Meditation-Naïve Subjects. <i>Scientific Reports</i> , 2019, 9, 10977.	1.6	40

#	ARTICLE	IF	CITATIONS
4362	A longitudinal investigation of structural brain changes during second language learning. <i>Brain and Language</i> , 2019, 197, 104661.	0.8	31
4363	No Alterations of Brain Structural Asymmetry in Major Depressive Disorder: An ENIGMA Consortium Analysis. <i>American Journal of Psychiatry</i> , 2019, 176, 1039-1049.	4.0	39
4364	Examining the identification of age-related atrophy between T1 and T1+T2-FLAIR cortical thickness measurements. <i>Scientific Reports</i> , 2019, 9, 11288.	1.6	15
4365	Measures of obesity are associated with MRI markers of brain aging. <i>Neurology</i> , 2019, 93, e791-e803.	1.5	31
4366	Comparison of neurodegenerative types using different brain MRI analysis metrics in older adults with normal cognition, mild cognitive impairment, and Alzheimer's dementia. <i>PLoS ONE</i> , 2019, 14, e0220739.	1.1	14
4367	State-independent and -dependent structural alterations in limbic-cortical regions in patients with current and remitted depression. <i>Journal of Affective Disorders</i> , 2019, 258, 1-10.	2.0	23
4368	The Representation of Semantic Information Across Human Cerebral Cortex During Listening Versus Reading Is Invariant to Stimulus Modality. <i>Journal of Neuroscience</i> , 2019, 39, 7722-7736.	1.7	120
4369	Identification of the Early Stage of Alzheimer's Disease Using Structural MRI and Resting-State fMRI. <i>Frontiers in Neurology</i> , 2019, 10, 904.	1.1	69
4370	Surgical and Post-surgical Evaluation of Epilepsy. , 2019, , 991-1023.		0
4371	Associations between adolescent cannabis use frequency and adult brain structure: A prospective study of boys followed to adulthood. <i>Drug and Alcohol Dependence</i> , 2019, 202, 191-199.	1.6	24
4372	Spatio-temporal profile of brain activity during gentle touch investigated with magnetoencephalography. <i>NeuroImage</i> , 2019, 201, 116024.	2.1	22
4373	Age moderates the relationship between cortical thickness and cognitive performance. <i>Neuropsychologia</i> , 2019, 132, 107136.	0.7	10
4374	Functional fractionation of default mode network in first episode schizophrenia. <i>Schizophrenia Research</i> , 2019, 210, 115-121.	1.1	12
4375	fMRI data of mixed gambles from the Neuroimaging Analysis Replication and Prediction Study. <i>Scientific Data</i> , 2019, 6, 106.	2.4	30
4376	Identifying the neural basis of a language-impaired phenotype of temporal lobe epilepsy. <i>Epilepsia</i> , 2019, 60, 1627-1638.	2.6	28
4377	Task modulation of the 2-pathway characterization of occipitotemporal and posterior parietal visual object representations. <i>Neuropsychologia</i> , 2019, 132, 107140.	0.7	12
4378	Charting shared developmental trajectories of cortical thickness and structural connectivity in childhood and adolescence. <i>Human Brain Mapping</i> , 2019, 40, 4630-4644.	1.9	27
4379	The community structure of functional brain networks exhibits scale-specific patterns of inter- and intra-subject variability. <i>NeuroImage</i> , 2019, 202, 115990.	2.1	85

#	ARTICLE	IF	CITATIONS
4380	Brain-Computer Interface Research. Springer Briefs in Electrical and Computer Engineering, 2019, , .	0.3	4
4381	Image Annotation by Eye Tracking: Accuracy and Precision of Centerlines of Obstructed Small-Bowel Segments Placed Using Eye Trackers. Journal of Digital Imaging, 2019, 32, 855-864.	1.6	5
4382	Vascular and Neurodegenerative Markers for the Prediction of Post-Stroke Cognitive Impairment: Results from the TABASCO Study. Journal of Alzheimer's Disease, 2019, 70, 889-898.	1.2	33
4383	Spared Perception of the Structure of Scenes after Hippocampal Damage. Journal of Cognitive Neuroscience, 2019, 31, 1260-1269.	1.1	3
4384	A Deep Learning Pipeline for Automatic Skull Stripping and Brain Segmentation. , 2019, , .		15
4385	Altered Prefrontal Theta and Gamma Activity during an Emotional Face Processing Task in Parkinson Disease. Journal of Cognitive Neuroscience, 2019, 31, 1768-1776.	1.1	7
4386	Impact of Huntington's Disease on Mental Rotation Performance in Motor Pre-Symptomatic Individuals. Journal of Huntington's Disease, 2019, 8, 339-356.	0.9	1
4387	Functional Connectivities Are More Informative Than Anatomical Variables in Diagnostic Classification of Autism. Brain Connectivity, 2019, 9, 604-612.	0.8	17
4388	The role of hippocampal subfield volume and fornix microstructure in episodic memory across the lifespan. Hippocampus, 2019, 29, 1206-1223.	0.9	30
4389	Older adults exhibit a more pronounced modulation of beta oscillations when performing sustained and dynamic handgrips. NeuroImage, 2019, 201, 116037.	2.1	29
4390	Multi-modal latent factor exploration of atrophy, cognitive and tau heterogeneity in Alzheimer's disease. NeuroImage, 2019, 201, 116043.	2.1	38
4391	The impact of ischemic stroke on connectivity gradients. NeuroImage: Clinical, 2019, 24, 101947.	1.4	37
4392	Individual variation in patterns of task focused, and detailed, thought are uniquely associated within the architecture of the medial temporal lobe. NeuroImage, 2019, 202, 116045.	2.1	19
4393	Neuropathological Changes in Dementia With Lewy Bodies and the Cingulate Island Sign. Journal of Neuropathology and Experimental Neurology, 2019, 78, 717-724.	0.9	15
4394	Subcortical amyloid relates to cortical morphology in cognitively normal individuals. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 2358-2369.	3.3	7
4395	Human visual cortex is organized along two genetically opposed hierarchical gradients with unique developmental and evolutionary origins. PLoS Biology, 2019, 17, e3000362.	2.6	30
4396	History of early life adversity is associated with increased food addiction and sex-specific alterations in reward network connectivity in obesity. Obesity Science and Practice, 2019, 5, 416-436.	1.0	29
4397	Long-term training-dependent representation of individual finger movements in the primary motor cortex. NeuroImage, 2019, 202, 116051.	2.1	15

#	ARTICLE	IF	CITATIONS
4399	Tau and atrophy: domain-specific relationships with cognition. <i>Alzheimer's Research and Therapy</i> , 2019, 11, 65.	3.0	37
4400	The Optical Effective Attenuation Coefficient as an Informative Measure of Brain Health in Aging. <i>Photonics</i> , 2019, 6, 79.	0.9	5
4401	Association of Altered Liver Enzymes With Alzheimer Disease Diagnosis, Cognition, Neuroimaging Measures, and Cerebrospinal Fluid Biomarkers. <i>JAMA Network Open</i> , 2019, 2, e197978.	2.8	142
4402	Normative cerebral cortical thickness for human visual areas. <i>NeuroImage</i> , 2019, 201, 116057.	2.1	18
4403	Evidence of parietal hyperactivation in individuals with mild cognitive impairment who progressed to dementia: A longitudinal fMRI study. <i>NeuroImage: Clinical</i> , 2019, 24, 101958.	1.4	28
4404	A preliminary study of association between adolescent estradiol level and dorsolateral prefrontal cortex activity during emotion regulation. <i>Psychoneuroendocrinology</i> , 2019, 109, 104398.	1.3	15
4405	Genetic Risk for Rheumatoid Arthritis is Associated with Increased Striatal Volume in Healthy Young Adults. <i>Scientific Reports</i> , 2019, 9, 10994.	1.6	1
4406	Coming off cannabis: a cognitive and magnetic resonance imaging study in patients with multiple sclerosis. <i>Brain</i> , 2019, 142, 2800-2812.	3.7	23
4407	Cortical thickness and cognitive performance in asymptomatic unilateral carotid artery stenosis. <i>BMC Cardiovascular Disorders</i> , 2019, 19, 154.	0.7	14
4408	<p>COMT polymorphism regulates the hippocampal subfield volumes in first-episode, drug-naive patients with major depressive disorder</p>. <i>Neuropsychiatric Disease and Treatment</i> , 2019, Volume 15, 1537-1545.	1.0	11
4409	Somatosensory-Motor Dysconnectivity Spans Multiple Transdiagnostic Dimensions of Psychopathology. <i>Biological Psychiatry</i> , 2019, 86, 779-791.	0.7	162
4410	Hierarchical spherical deformation for cortical surface registration. <i>Medical Image Analysis</i> , 2019, 57, 72-88.	7.0	27
4411	miR-146a and miR-181a are involved in the progression of mild cognitive impairment to Alzheimer's disease. <i>Neurobiology of Aging</i> , 2019, 82, 102-109.	1.5	76
4412	Specific patterns of brain alterations underlie distinct clinical profiles in Huntington's disease. <i>NeuroImage: Clinical</i> , 2019, 23, 101900.	1.4	18
4413	Cortical thickening in remitters compared to non-remitters with major depressive disorder following 8-week antidepressant treatment. <i>Acta Psychiatrica Scandinavica</i> , 2019, 140, 217-226.	2.2	14
4414	Laminar signal extraction over extended cortical areas by means of a spatial GLM. <i>PLoS ONE</i> , 2019, 14, e0212493.	1.1	24
4415	Coexisting representations of sensory and mnemonic information in human visual cortex. <i>Nature Neuroscience</i> , 2019, 22, 1336-1344.	7.1	167
4416	Distinct structural correlates of the dominant and nondominant languages in bilinguals with Alzheimer's disease (AD). <i>Neuropsychologia</i> , 2019, 132, 107131.	0.7	12

#	ARTICLE	IF	CITATIONS
4417	Cortical thickness following electroconvulsive therapy in patients with depression: a longitudinal MRI study. <i>Acta Psychiatrica Scandinavica</i> , 2019, 140, 205-216.	2.2	25
4418	Automated atrophy assessment for Alzheimer's disease diagnosis from brain MRI images. <i>Magnetic Resonance Imaging</i> , 2019, 62, 167-173.	1.0	18
4419	Impact of Resilience on the Association Between Amyloid- $\beta^2$ and Longitudinal Cognitive Decline in Cognitively Healthy Older Adults. <i>Journal of Alzheimer's Disease</i> , 2019, 70, 361-370.	1.2	11
4420	Trait-like variants in human functional brain networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 22851-22861.	3.3	153
4421	Prion-like spreading of Alzheimer's disease within the brain's connectome. <i>Journal of the Royal Society Interface</i> , 2019, 16, 20190356.	1.5	71
4422	<p>&gt;A single-nucleotide polymorphism influences brain morphology in drug-naïve patients with major depressive disorder</p>. <i>Neuropsychiatric Disease and Treatment</i> , 2019, Volume 15, 2425-2432.	1.0	9
4423	A Multimodal Imaging Study in a Case of Bilateral Thalamic Damage With Multidomain Cognitive Impairment. <i>Frontiers in Neurology</i> , 2019, 10, 1048.	1.1	5
4424	Previous Musical Experience and Cortical Thickness Relate to the Beneficial Effect of Motor Synchronization on Auditory Function. <i>Frontiers in Neuroscience</i> , 2019, 13, 1042.	1.4	3
4425	<p><p>Cortical thinning and flattening in schizophrenia and their unaffected parents</p>. <i>Neuropsychiatric Disease and Treatment</i> , 2019, Volume 15, 935-946.	1.0	18
4426	Self-Weighting Grading Biomarker Based on Graph-Guided Information Propagation for the Prediction of Mild Cognitive Impairment Conversion. <i>IEEE Access</i> , 2019, 7, 116632-116642.	2.6	4
4427	Adolescent Brain Cognitive Development Neurocognitive Prediction. <i>Lecture Notes in Computer Science</i> , 2019, , .	1.0	8
4428	Genome-wide association analysis of hippocampal volume identifies enrichment of neurogenesis-related pathways. <i>Scientific Reports</i> , 2019, 9, 14498.	1.6	22
4429	Neural Correlates of Music Listening and Recall in the Human Brain. <i>Journal of Neuroscience</i> , 2019, 39, 8112-8123.	1.7	28
4430	Atypical gray matter in children with dyslexia before the onset of reading instruction. <i>Cortex</i> , 2019, 121, 399-413.	1.1	27
4431	Aberrant patterns of default-mode network functional connectivity associated with metabolic syndrome: A resting-state study. <i>Brain and Behavior</i> , 2019, 9, e01333.	1.0	19
4432	Cortical morphometry in anorexia nervosa: An out-of-sample replication study. <i>European Eating Disorders Review</i> , 2019, 27, 507-520.	2.3	18
4433	A functional connectome phenotyping dataset including cognitive state and personality measures. <i>Scientific Data</i> , 2019, 6, 180307.	2.4	50
4434	A mind-brain-body dataset of MRI, EEG, cognition, emotion, and peripheral physiology in young and old adults. <i>Scientific Data</i> , 2019, 6, 180308.	2.4	188

#	ARTICLE	IF	CITATIONS
4435	Assessment of longitudinal hippocampal atrophy in the first year after ischemic stroke using automatic segmentation techniques. <i>NeuroImage: Clinical</i> , 2019, 24, 102008.	1.4	18
4436	The generation and propagation of the human alpha rhythm. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23772-23782.	3.3	229
4437	Auditory prediction errors and auditory white matter microstructure associated with psychotic-like experiences in healthy individuals. <i>Brain Structure and Function</i> , 2019, 224, 3277-3289.	1.2	11
4438	Structure related to function: prefrontal surface area has an indirect effect on the relationship between amygdala volume and trait neuroticism. <i>Brain Structure and Function</i> , 2019, 224, 3309-3320.	1.2	6
4439	Cortical thickness of left Heschl's gyrus correlates with hearing acuity in adults – A surface-based morphometry study. <i>Hearing Research</i> , 2019, 384, 107823.	0.9	22
4440	Regionally decreased gyrification in middle-aged adults with autism spectrum disorders. <i>Neurology</i> , 2019, 93, e1900-e1905.	1.5	20
4441	Coordination of Human Hippocampal Sharpwave Ripples during NREM Sleep with Cortical Theta Bursts, Spindles, Downstates, and Upstates. <i>Journal of Neuroscience</i> , 2019, 39, 8744-8761.	1.7	57
4442	Application of the Migraine Aura Complexity Score (MACS): Clinical and Neuroimaging Study. <i>Frontiers in Neurology</i> , 2019, 10, 1112.	1.1	14
4443	Auditory deviance detection in the human insula: An intracranial EEG study. <i>Cortex</i> , 2019, 121, 189-200.	1.1	30
4445	Corticolimbic circuit structure moderates an association between early life stress and later trait anxiety. <i>NeuroImage: Clinical</i> , 2019, 24, 102050.	1.4	10
4447	Convergent evolution of face spaces across human face-selective neuronal groups and deep convolutional networks. <i>Nature Communications</i> , 2019, 10, 4934.	5.8	76
4448	Cortical gamma-synchrony measured with magnetoencephalography is a marker of clinical status and predicts clinical outcome in stroke survivors. <i>NeuroImage: Clinical</i> , 2019, 24, 102092.	1.4	23
4449	Schizotypy and altered hemispheric asymmetries: The role of cilia genes. <i>Psychiatry Research - Neuroimaging</i> , 2019, 294, 110991.	0.9	5
4450	Cortical morphometry and structural connectivity relate to executive function and estradiol level in healthy adolescents. <i>Brain and Behavior</i> , 2019, 9, e01413.	1.0	8
4451	Doubly sparse regression incorporating graphical structure among predictors. <i>Canadian Journal of Statistics</i> , 2019, 47, 729-747.	0.6	1
4452	Joint contributions of cortical morphometry and white matter microstructure in healthy brain aging: A partial least squares correlation analysis. <i>Human Brain Mapping</i> , 2019, 40, 5315-5329.	1.9	35
4453	A putative human homologue of the macaque area PEc. <i>NeuroImage</i> , 2019, 202, 116092.	2.1	29
4454	Diagnosis of mild cognitive impairment using multiple neuroimaging modalities in addition to the Mini-Mental State Examination. <i>Geriatrics and Gerontology International</i> , 2019, 19, 1193-1197.	0.7	3

#	ARTICLE	IF	CITATIONS
4455	Brainglance: Visualizing Group Level MRI Data at One Glance. <i>Frontiers in Neuroscience</i> , 2019, 13, 972.	1.4	7
4456	Common cortical architectures for phonological working memory identified in individual brains. <i>NeuroImage</i> , 2019, 202, 116096.	2.1	27
4457	EPI distortion correction for concurrent human brain stimulation and imaging at 3T. <i>Journal of Neuroscience Methods</i> , 2019, 327, 108400.	1.3	7
4458	Left dorsolateral prefrontal cortex supports context-dependent prioritisation of off-task thought. <i>Nature Communications</i> , 2019, 10, 3816.	5.8	109
4459	Image processing approaches to enhance perivascular space visibility and quantification using MRI. <i>Scientific Reports</i> , 2019, 9, 12351.	1.6	67
4460	Sex Differences in White Matter Pathways Related to Language Ability. <i>Frontiers in Neuroscience</i> , 2019, 13, 898.	1.4	21
4461	Hippocampus subfield volumetry after microsurgical or endovascular treatment of intracranial aneurysms—an explorative study. <i>European Radiology Experimental</i> , 2019, 3, 13.	1.7	4
4462	Targeting age-related differences in brain and cognition with multimodal imaging and connectome topography profiling. <i>Human Brain Mapping</i> , 2019, 40, 5213-5230.	1.9	33
4463	Preserved network functional connectivity underlies cognitive reserve in multiple sclerosis. <i>Human Brain Mapping</i> , 2019, 40, 5231-5241.	1.9	37
4464	Free-water imaging of the hippocampus is a sensitive marker of Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2019, 24, 101985.	1.4	35
4465	A library of human electrocorticographic data and analyses. <i>Nature Human Behaviour</i> , 2019, 3, 1225-1235.	6.2	58
4466	Relational Network of People Constructed on the Basis of Similarity of Brain Activities. <i>IEEE Access</i> , 2019, 7, 110258-110266.	2.6	3
4467	Effect of Prenatal Organic Solvent Exposure on Structural Connectivity at Childhood. , 2019, , .		1
4468	Handedness, language areas and neuropsychiatric diseases: insights from brain imaging and genetics. <i>Brain</i> , 2019, 142, 2938-2947.	3.7	123
4469	Structural Disconnections Explain Brain Network Dysfunction after Stroke. <i>Cell Reports</i> , 2019, 28, 2527-2540.e9.	2.9	129
4470	Case report: a giant arachnoid cyst masking Alzheimer's disease. <i>BMC Psychiatry</i> , 2019, 19, 274.	1.1	7
4471	APOE modifies the interaction of entorhinal cerebral blood flow and cortical thickness on memory function in cognitively normal older adults. <i>NeuroImage</i> , 2019, 202, 116162.	2.1	22
4472	Dynamic modular-level alterations of structural-functional coupling in clinically isolated syndrome. <i>Brain</i> , 2019, 142, 3428-3439.	3.7	40

#	ARTICLE	IF	CITATIONS
4473	MVPA Analysis of Intertrial Phase Coherence of Neuromagnetic Responses to Words Reliably Classifies Multiple Levels of Language Processing in the Brain. <i>ENeuro</i> , 2019, 6, ENEURO.0444-18.2019.	0.9	9
4474	White Matter Network Architecture Guides Direct Electrical Stimulation through Optimal State Transitions. <i>Cell Reports</i> , 2019, 28, 2554-2566.e7.	2.9	104
4475	Finding maximally disconnected subnetworks with shortest path tractography. <i>NeuroImage: Clinical</i> , 2019, 23, 101903.	1.4	15
4476	Hippocampal-neocortical interactions sharpen over time for predictive actions. <i>Nature Communications</i> , 2019, 10, 3989.	5.8	17
4477	Brain age prediction: Cortical and subcortical shape covariation in the developing human brain. <i>NeuroImage</i> , 2019, 202, 116149.	2.1	37
4478	Posterior Hippocampal Spindle Ripples Co-occur with Neocortical Theta Bursts and Downstates-Upstates, and Phase-Lock with Parietal Spindles during NREM Sleep in Humans. <i>Journal of Neuroscience</i> , 2019, 39, 8949-8968.	1.7	46
4479	Brain atrophy and patch-based grading in individuals from the CIMA-Q study: a progressive continuum from subjective cognitive decline to AD. <i>Scientific Reports</i> , 2019, 9, 13532.	1.6	2
4480	Born Too Early and Too Small: Higher Order Cognitive Function and Brain at Risk at Ages 8â€“16. <i>Frontiers in Psychology</i> , 2019, 10, 1942.	1.1	18
4481	Effects of prenatal exposure to particulate matter air pollution on corpus callosum and behavioral problems in children. <i>Environmental Research</i> , 2019, 178, 108734.	3.7	55
4482	Frontal cortex differentiates between free and imposed target selection in multiple-target search. <i>NeuroImage</i> , 2019, 202, 116133.	2.1	9
4483	Using a structured-light 3D scanner to improve EEG source modeling with more accurate electrode positions. <i>Journal of Neuroscience Methods</i> , 2019, 326, 108378.	1.3	42
4484	Blood Pressure, Aortic Stiffness, Hemodynamics, and Cognition in Twin Pairs Discordant for Type 2 Diabetes. <i>Journal of Alzheimer's Disease</i> , 2019, 71, 763-773.	1.2	5
4485	Color contrast adaptation: fMRI fails to predict behavioral adaptation. <i>NeuroImage</i> , 2019, 201, 116032.	2.1	12
4486	Association of Short-term Change in Leukocyte Telomere Length With Cortical Thickness and Outcomes of Mental Training Among Healthy Adults. <i>JAMA Network Open</i> , 2019, 2, e199687.	2.8	40
4487	The PPM1F gene moderates the association between PTSD and cortical thickness. <i>Journal of Affective Disorders</i> , 2019, 259, 201-209.	2.0	7
4488	Mesial temporal lobe epilepsy: Revisiting the relation of hippocampal volumetry with memory deficits. <i>Epilepsy and Behavior</i> , 2019, 100, 106516.	0.9	10
4489	Early diagnosis of Alzheimerâ€™s disease using combined features from voxel-based morphometry and cortical, subcortical, and hippocampus regions of MRI T1 brain images. <i>PLoS ONE</i> , 2019, 14, e0222446.	1.1	56
4490	Resolving the cognitive clinico-radiological paradox â€“ Microstructural degeneration of fronto-striatal-thalamic loops in early active multiple sclerosis. <i>Cortex</i> , 2019, 121, 239-252.	1.1	11



#	ARTICLE	IF	CITATIONS
4491	Functionally Distinct Gamma Range Activity Revealed by Stimulus Tuning in Human Visual Cortex. <i>Current Biology</i> , 2019, 29, 3345-3358.e7.	1.8	68
4492	Lifestyle Risk Factors and Findings on Brain Magnetic Resonance Imaging of Older Adult American Indians: The Strong Heart Study. <i>Neuroepidemiology</i> , 2019, 53, 162-168.	1.1	1
4493	The Beneficial Effect of Physical Exercise on Cognitive Function in a Non-dementia Aging Chinese Population. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 238.	1.7	24
4494	MR g-ratio-weighted connectome analysis in patients with multiple sclerosis. <i>Scientific Reports</i> , 2019, 9, 13522.	1.6	27
4495	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
4496	Measurement Variability Following MRI System Upgrade. <i>Frontiers in Neurology</i> , 2019, 10, 726.	1.1	23
4497	Exercise for Depression: A Feasibility Trial Exploring Neural Mechanisms. <i>American Journal of Geriatric Psychiatry</i> , 2019, 27, 611-616.	0.6	29
4498	Qoala-T: A supervised-learning tool for quality control of FreeSurfer segmented MRI data. <i>NeuroImage</i> , 2019, 189, 116-129.	2.1	134
4499	Graph theory analysis of DTI tractography in children with traumatic injury. <i>NeuroImage: Clinical</i> , 2019, 21, 101673.	1.4	32
4500	Neural markers of depression risk predict the onset of depression. <i>Psychiatry Research - Neuroimaging</i> , 2019, 285, 31-39.	0.9	25
4501	Observation of angular dependence of T1 in the human white matter at 3T. <i>Biomedical Spectroscopy and Imaging</i> , 2019, 7, 125-133.	1.2	13
4502	Stem Cell-Derived Neurons as Cellular Models of Sporadic Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2019, 67, 893-910.	1.2	16
4503	Neural Switch Asymmetry in Feature-Based Auditory Attention Tasks. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2019, 20, 205-215.	0.9	3
4504	Can electric fields explain inter-individual variability in transcranial direct current stimulation of the motor cortex?. <i>Scientific Reports</i> , 2019, 9, 626.	1.6	120
4505	Sparse Feature Learning With Label Information for Alzheimer's Disease Classification Based on Magnetic Resonance Imaging. <i>IEEE Access</i> , 2019, 7, 26157-26167.	2.6	24
4506	Association between Adipokines and Biomarkers of Alzheimer's Disease: A Cross-Sectional Study. <i>Journal of Alzheimer's Disease</i> , 2019, 67, 725-735.	1.2	18
4507	Test-Retest Reliability of Diffusion Measures Extracted Along White Matter Language Fiber Bundles Using HARDI-Based Tractography. <i>Frontiers in Neuroscience</i> , 2018, 12, 1055.	1.4	28
4508	Predicting diagnosis and cognition with <sup>18</sup> F-AV-1451 tau PET and structural MRI in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2019, 15, 570-580.	0.4	84

#	ARTICLE	IF	CITATIONS
4509	Multi-modal neuroimaging of dual-task walking: Structural MRI and fNIRS analysis reveals prefrontal grey matter volume moderation of brain activation in older adults. <i>NeuroImage</i> , 2019, 189, 745-754.	2.1	52
4510	Histopathology of diffusion imaging abnormalities in cerebral amyloid angiopathy. <i>Neurology</i> , 2019, 92, e933-e943.	1.5	32
4511	Generalizing age effects on brain structure and cognition: A twoâ€study comparison approach. <i>Human Brain Mapping</i> , 2019, 40, 2305-2319.	1.9	31
4512	Generalized diffusion spectrum magnetic resonance imaging (GDSI) for model-free reconstruction of the ensemble average propagator. <i>NeuroImage</i> , 2019, 189, 497-515.	2.1	10
4513	Reproducible grey matter patterns index a multivariate, global alteration of brain structure in schizophrenia and bipolar disorder. <i>Translational Psychiatry</i> , 2019, 9, 12.	2.4	35
4514	Observational Learning in Low-Functioning Children With Autism Spectrum Disorders: A Behavioral and Neuroimaging Study. <i>Frontiers in Psychology</i> , 2018, 9, 2737.	1.1	11
4515	The hidden identity of faces: a case of lifelong prosopagnosia. <i>BMC Psychology</i> , 2019, 7, 4.	0.9	1
4516	Multi-Site Harmonization of Diffusion MRI Data via Method of Moments. <i>IEEE Transactions on Medical Imaging</i> , 2019, 38, 1599-1609.	5.4	24
4517	Vascular Risk Factors and Findings on Brain MRI of Elderly Adult American Indians: The Strong Heart Study. <i>Neuroepidemiology</i> , 2019, 52, 173-180.	1.1	10
4518	Hemispheric asymmetries in cortical gray matter microstructure identified by neurite orientation dispersion and density imaging. <i>NeuroImage</i> , 2019, 189, 667-675.	2.1	40
4519	Automated Segmentation of Cortical Grey Matter from T1-Weighted MRI Images. <i>Journal of Visualized Experiments</i> , 2019, , .	0.2	0
4520	Effects of posture on electric fields of non-invasive brain stimulation. <i>Physics in Medicine and Biology</i> , 2019, 64, 065019.	1.6	16
4521	Accelerated ageâ€related cortical thinning in mild traumatic brain injury. <i>Brain and Behavior</i> , 2019, 9, e01161.	1.0	19
4522	Posttraumatic stress disorder, social anxiety disorder and childhood trauma: Differences in hippocampal subfield volume. <i>Psychiatry Research - Neuroimaging</i> , 2019, 284, 45-52.	0.9	28
4523	Cross-Sectional and Longitudinal MRI Brain Scans Reveal Accelerated Brain Aging in Multiple Sclerosis. <i>Frontiers in Neurology</i> , 2019, 10, 450.	1.1	69
4524	A genomeâ€wide association studyâ€derived polygenic score for interleukinâ€1 $\beta$ is associated with hippocampal volume in two samples. <i>Human Brain Mapping</i> , 2019, 40, 3910-3917.	1.9	2
4525	Brain Magnetic Resonance Imaging Findings in Children after Antenatal Maternal Depression Treatment, a Longitudinal Study Built on a Pilot Randomized Controlled Trial. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1816.	1.2	13
4526	Neuroanatomical and Functional Correlates of Cognitive and Affective Empathy in Young Healthy Adults. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 85.	1.0	25

#	ARTICLE	IF	CITATIONS
4528	MRI-based measures of intracortical myelin are sensitive to a history of TBI and are associated with functional connectivity. <i>NeuroImage</i> , 2019, 200, 199-209.	2.1	6
4529	Learning of distant state predictions by the orbitofrontal cortex in humans. <i>Nature Communications</i> , 2019, 10, 2554.	5.8	35
4530	The analytical subtraction approach for solving the forward problem in EEG. <i>Journal of Neural Engineering</i> , 2019, 16, 056029.	1.8	8
4531	Combined fractional anisotropy and subcortical volumetric abnormalities in healthy immigrants to high altitude: A longitudinal study. <i>Human Brain Mapping</i> , 2019, 40, 4202-4212.	1.9	13
4532	Improving human cortical sulcal curve labeling in large scale cross-sectional MRI using deep neural networks. <i>Journal of Neuroscience Methods</i> , 2019, 324, 108311.	1.3	4
4533	Real-time estimation of electric fields induced by transcranial magnetic stimulation with deep neural networks. <i>Brain Stimulation</i> , 2019, 12, 1500-1507.	0.7	33
4534	Orbitofrontal cortex volume prospectively predicts cannabis and other substance use onset in adolescents. <i>Journal of Psychopharmacology</i> , 2019, 33, 1124-1131.	2.0	25
4535	Impact of early adverse life events and sex on functional brain networks in patients with urological chronic pelvic pain syndrome (UCPPS): A MAPP Research Network study. <i>PLoS ONE</i> , 2019, 14, e0217610.	1.1	15
4536	Brain functional organization and structure in patients with arteriovenous malformations. <i>Neuroradiology</i> , 2019, 61, 1047-1054.	1.1	9
4537	Surgical and Post-surgical Evaluation of Epilepsy. , 2019, , 1-32.		1
4538	Structural covariance networks in children and their associations with maternal behaviors. <i>NeuroImage</i> , 2019, 202, 115965.	2.1	8
4539	Prism adaptation enhances decoupling between the default mode network and the attentional networks. <i>NeuroImage</i> , 2019, 200, 210-220.	2.1	15
4540	A new framework for assessing subject-specific whole brain circulation and perfusion using MRI-based measurements and a multi-scale continuous flow model. <i>PLoS Computational Biology</i> , 2019, 15, e1007073.	1.5	24
4541	Inconsistency of findings due to low power: A structural MRI study of bilingualism. <i>Brain and Language</i> , 2019, 195, 104642.	0.8	10
4542	Image Segmentation Based on Relative Motion and Relative Disparity Cues in Topographically Organized Areas of Human Visual Cortex. <i>Scientific Reports</i> , 2019, 9, 9308.	1.6	6
4543	Anxiety correlates with cortical surface area in subjective cognitive decline: APOE $\epsilon$ 4 carriers versus APOE $\epsilon$ 4 non-carriers. <i>Alzheimer's Research and Therapy</i> , 2019, 11, 50.	3.0	26
4544	Innovative MRI Techniques in Neuroimaging Approaches for Cerebrovascular Diseases and Vascular Cognitive Impairment. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2656.	1.8	18
4545	Bridging the brain structure–brain function gap in prosodic speech processing in older adults. <i>Neurobiology of Aging</i> , 2019, 80, 116-126.	1.5	23

#	ARTICLE	IF	CITATIONS
4546	A Fully Automatic Technique for Precise Localization and Quantification of Amyloid- $\beta^2$ PET Scans. <i>Journal of Nuclear Medicine</i> , 2019, 60, 1771-1779.	2.8	22
4547	A framework for evaluating correspondence between brain images using anatomical fiducials. <i>Human Brain Mapping</i> , 2019, 40, 4163-4179.	1.9	17
4548	Error processing in the adolescent brain: Age-related differences in electrophysiology, behavioral adaptation, and brain morphology. <i>Developmental Cognitive Neuroscience</i> , 2019, 38, 100665.	1.9	28
4549	High-fidelity mapping of repetition-related changes in the parietal memory network. <i>NeuroImage</i> , 2019, 199, 427-439.	2.1	10
4550	Longitudinal cortical network reorganization in early relapsing/remitting multiple sclerosis. <i>Therapeutic Advances in Neurological Disorders</i> , 2019, 12, 175628641983867.	1.5	26
4551	Intracortical Dynamics Underlying Repetitive Stimulation Predicts Changes in Network Connectivity. <i>Journal of Neuroscience</i> , 2019, 39, 6122-6135.	1.7	32
4552	Population receptive field estimates for motion-defined stimuli. <i>NeuroImage</i> , 2019, 199, 245-260.	2.1	6
4553	Cortical abnormalities in youth at clinical high-risk for psychosis: Findings from the NAPLS2 cohort. <i>NeuroImage: Clinical</i> , 2019, 23, 101862.	1.4	48
4554	Speech network regional involvement in bulbar ALS: a multimodal structural MRI study. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2019, 20, 385-395.	1.1	7
4555	Reduced hippocampal subfield volumes and memory function in school-aged children born preterm with very low birthweight (VLBW). <i>NeuroImage: Clinical</i> , 2019, 23, 101857.	1.4	22
4556	Relationship between MEG global dynamic functional network connectivity measures and symptoms in schizophrenia. <i>Schizophrenia Research</i> , 2019, 209, 129-134.	1.1	19
4557	Corpus callosum axon diameter relates to cognitive impairment in multiple sclerosis. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 882-892.	1.7	38
4558	Structural Variability in the Human Brain Reflects Fine-Grained Functional Architecture at the Population Level. <i>Journal of Neuroscience</i> , 2019, 39, 6136-6149.	1.7	29
4559	White matter rather than gray matter damage characterizes essential tremor. <i>European Radiology</i> , 2019, 29, 6634-6642.	2.3	24
4560	Altered development of hippocampus-dependent associative learning following early-life adversity. <i>Developmental Cognitive Neuroscience</i> , 2019, 38, 100666.	1.9	27
4561	Thalamic Atrophy Without Whole Brain Atrophy Is Associated With Absence of 2-Year NEDA in Multiple Sclerosis. <i>Frontiers in Neurology</i> , 2019, 10, 459.	1.1	23
4562	Different microvascular alterations underlie microbleeds and microinfarcts. <i>Annals of Neurology</i> , 2019, 86, 279-292.	2.8	51
4563	Differential Patterns of Visual Sensory Alteration Underlying Face Emotion Recognition Impairment and Motion Perception Deficits in Schizophrenia and Autism Spectrum Disorder. <i>Biological Psychiatry</i> , 2019, 86, 557-567.	0.7	51

#	ARTICLE	IF	CITATIONS
4564	Predicting an individual's dorsal attention network activity from functional connectivity fingerprints. <i>Journal of Neurophysiology</i> , 2019, 122, 232-240.	0.9	26
4565	A simple sleep EEG marker in childhood predicts brain myelin 3.5 years later. <i>NeuroImage</i> , 2019, 199, 342-350.	2.1	18
4566	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
4567	Closed-loop digital meditation improves sustained attention in young adults. <i>Nature Human Behaviour</i> , 2019, 3, 746-757.	6.2	63
4568	Initiation of the Hypothalamic-Pituitary-Gonadal Axis in Young Girls Undergoing Central Precocious Puberty Exerts Remodeling Effects on the Prefrontal Cortex. <i>Frontiers in Psychiatry</i> , 2019, 10, 332.	1.3	10
4569	Visual cognition in non-amnesic Alzheimer's disease: Relations to tau, amyloid, and cortical atrophy. <i>NeuroImage: Clinical</i> , 2019, 23, 101889.	1.4	17
4570	Brain Structure, Connectivity, and Cognitive Changes Following Revascularization Surgery in Adult Moyamoya Disease. <i>Neurosurgery</i> , 2019, 85, E943-E952.	0.6	38
4571	Genetic and environmental influences on MRI scan quantity and quality. <i>Developmental Cognitive Neuroscience</i> , 2019, 38, 100667.	1.9	22
4572	Universal Transform or Multiple Functionality? Understanding the Contribution of the Human Cerebellum across Task Domains. <i>Neuron</i> , 2019, 102, 918-928.	3.8	169
4573	Brain ventricle parcellation using a deep neural network: Application to patients with ventriculomegaly. <i>NeuroImage: Clinical</i> , 2019, 23, 101871.	1.4	29
4574	Interference Control in Working Memory Is Associated with Ventrolateral Prefrontal Cortex Volume. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 1491-1505.	1.1	11
4575	Differential contributions of brainstem structures to neurological soft signs in first- and multiple-episode schizophrenia spectrum disorders. <i>Schizophrenia Research</i> , 2019, 210, 101-106.	1.1	15
4576	Socioeconomic Disparities in Chronic Physiologic Stress Are Associated With Brain Structure in Children. <i>Biological Psychiatry</i> , 2019, 86, 921-929.	0.7	56
4577	Attentional Weighting in the Face Processing Network: A Magnetic Response Image-guided Magnetoencephalography Study Using Multiple Cyclic Entrainments. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 1573-1588.	1.1	12
4578	Low-Frequency Oscillations Code Speech during Verbal Working Memory. <i>Journal of Neuroscience</i> , 2019, 39, 6498-6512.	1.7	19
4579	Age-Accelerated Reduction in Cortical Surface Area in United States Service Members and Veterans with Mild Traumatic Brain Injury and Post-Traumatic Stress Disorder. <i>Journal of Neurotrauma</i> , 2019, 36, 2922-2929.	1.7	5
4580	Structural Asymmetry in the Frontal and Temporal Lobes Is Associated with PCSK6 VNTR Polymorphism. <i>Molecular Neurobiology</i> , 2019, 56, 7765-7773.	1.9	4
4581	An fMRI study of action observation and action execution in childhood. <i>Developmental Cognitive Neuroscience</i> , 2019, 37, 100655.	1.9	53

#	ARTICLE	IF	CITATIONS
4582	Improved gray matter surface based spatial statistics in neuroimaging studies. <i>Magnetic Resonance Imaging</i> , 2019, 61, 285-295.	1.0	4
4583	Microstructural and functional gradients are increasingly dissociated in transmodal cortices. <i>PLoS Biology</i> , 2019, 17, e3000284.	2.6	332
4584	Alterations in white matter microstructure and cortical thickness in individuals at ultra-high risk of psychosis: A multimodal tractography and surface-based morphometry study. <i>Psychiatry Research - Neuroimaging</i> , 2019, 289, 26-36.	0.9	15
4585	Realistic volumetric-approach to simulate transcranial electric stimulationâ€™ROASTâ€™a fully automated open-source pipeline. <i>Journal of Neural Engineering</i> , 2019, 16, 056006.	1.8	229
4586	Visualization of Brain Shift Corrected Functional Magnetic Resonance Imaging Data for Intraoperative Brain Mapping. <i>World Neurosurgery: X</i> , 2019, 2, 100021.	0.6	8
4587	Memory-guided attention: bilateral hippocampal volume positively predicts implicit contextual learning. <i>Brain Structure and Function</i> , 2019, 224, 1999-2008.	1.2	8
4588	Investigating individual differences in chimpanzee mirror self-recognition and cortical thickness: A vertex-based and region-of-interest analysis. <i>Cortex</i> , 2019, 118, 306-314.	1.1	8
4589	Effective learning is accompanied by high-dimensional and efficient representations of neural activity. <i>Nature Neuroscience</i> , 2019, 22, 1000-1009.	7.1	27
4590	Anterior to Midposterior Corpus Callosum Subregions Are Volumetrically Reduced in Male Alcoholics but Only the Anterior Segment Is Associated to Alcohol Use. <i>Frontiers in Psychiatry</i> , 2019, 10, 196.	1.3	3
4591	Topographic Mapping of Parietal Cortex. <i>Neuroinformatics</i> , 2019, , 239-255.	0.2	0
4592	Exenatide modulates visual cortex responses. <i>Diabetes/Metabolism Research and Reviews</i> , 2019, 35, e3167.	1.7	3
4593	Improved synthetic T1-weighted images for cerebral tissue segmentation in neurological diseases. <i>Magnetic Resonance Imaging</i> , 2019, 61, 158-166.	1.0	12
4594	Huntington's disease: Brain imaging in Huntington's disease. <i>Progress in Molecular Biology and Translational Science</i> , 2019, 165, 321-369.	0.9	20
4595	Multimodal Integration of M/EEG and f/MRI Data in SPM12. <i>Frontiers in Neuroscience</i> , 2019, 13, 300.	1.4	18
4596	Connectomes from streamlines tractography: Assigning streamlines to brain parcellations is not trivial but highly consequential. <i>NeuroImage</i> , 2019, 199, 160-171.	2.1	31
4597	Representational similarity precedes category selectivity in the developing ventral visual pathway. <i>NeuroImage</i> , 2019, 197, 565-574.	2.1	29
4598	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
4599	Multimodal characterization of the human nucleus accumbens. <i>NeuroImage</i> , 2019, 198, 137-149.	2.1	33

#	ARTICLE	IF	CITATIONS
4600	Rapid Invariant Encoding of Scene Layout in Human OPA. <i>Neuron</i> , 2019, 103, 161-171.e3.	3.8	50
4601	A comparison of resting state functional magnetic resonance imaging to invasive electrocortical stimulation for sensorimotor mapping in pediatric patients. <i>NeuroImage: Clinical</i> , 2019, 23, 101850.	1.4	17
4602	Gyrification abnormalities in presymptomatic <i>c9orf72</i> expansion carriers. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019, 90, 1005-1010.	0.9	24
4603	Electric stimulation of the medial forebrain bundle influences sensorimotor gaiting in humans. <i>BMC Neuroscience</i> , 2019, 20, 20.	0.8	2
4604	Associations between cardiorespiratory fitness, physical activity, intraindividual variability in behavior, and cingulate cortex in younger adults. <i>Journal of Sport and Health Science</i> , 2019, 8, 315-324.	3.3	28
4605	Evolution of neocortical folding: A phylogenetic comparative analysis of MRI from 34 primate species. <i>Cortex</i> , 2019, 118, 275-291.	1.1	54
4606	3D quantitative synthetic MRI-derived cortical thickness and subcortical brain volumes: Scan rescan repeatability and comparison with conventional T1-weighted images. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 1834-1842.	1.9	37
4607	Parental punitive discipline and children's depressive symptoms: Associations with striatal volume. <i>Developmental Psychobiology</i> , 2019, 61, 953-961.	0.9	7
4608	Alterations in Cortical Morphology after Neonatal Stroke: Compensation in the Contralesional Hemisphere?. <i>Developmental Neurobiology</i> , 2019, 79, 303-316.	1.5	17
4609	Cortical thickness correlates of cognitive performance in cognitively-matched individuals with and without schizophrenia. <i>Brain and Cognition</i> , 2019, 132, 129-137.	0.8	11
4610	Short-interval intracortical inhibition is decreased in restless legs syndrome across a range of severity. <i>Sleep Medicine</i> , 2019, 62, 34-42.	0.8	5
4611	Cortical patterning of abnormal morphometric similarity in psychosis is associated with brain expression of schizophrenia-related genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 9604-9609.	3.3	200
4612	Is an intact hippocampus necessary for answering 3? Evidence from Alzheimer's disease. <i>Brain and Cognition</i> , 2019, 134, 1-8.	0.8	7
4613	Extensive childhood experience with Pokémon suggests eccentricity drives organization of visual cortex. <i>Nature Human Behaviour</i> , 2019, 3, 611-624.	6.2	63
4614	BOLD5000, a public fMRI dataset while viewing 5000 visual images. <i>Scientific Data</i> , 2019, 6, 49.	2.4	82
4615	Age-Related Atrophy and Compensatory Neural Networks in Reading Comprehension. <i>Journal of the International Neuropsychological Society</i> , 2019, 25, 569-582.	1.2	9
4616	Exploring the impact of analysis software on task fMRI results. <i>Human Brain Mapping</i> , 2019, 40, 3362-3384.	1.9	101
4617	White Matter Damage in the Semantic Variant of Primary Progressive Aphasia. <i>Canadian Journal of Neurological Sciences</i> , 2019, 46, 373-382.	0.3	8

#	ARTICLE	IF	CITATIONS
4618	Tensor network factorizations: Relationships between brain structural connectomes and traits. <i>NeuroImage</i> , 2019, 197, 330-343.	2.1	55
4619	The impact of improved MEG-MRI co-registration on MEG connectivity analysis. <i>NeuroImage</i> , 2019, 197, 354-367.	2.1	40
4620	Differential sensitivity of structural, diffusion, and resting-state functional MRI for detecting brain alterations and verbal memory impairment in temporal lobe epilepsy. <i>Epilepsia</i> , 2019, 60, 935-947.	2.6	20
4621	Fusing Mobile Phone Sensing and Brain Imaging to Assess Depression in College Students. <i>Frontiers in Neuroscience</i> , 2019, 13, 248.	1.4	35
4622	Brain Segmentation From Computed Tomography of Healthy Aging and Geriatric Concussion at Variable Spatial Resolutions. <i>Frontiers in Neuroinformatics</i> , 2019, 13, 9.	1.3	20
4623	Abnormalities of striatal morphology in gambling disorder and at-risk gambling. <i>CNS Spectrums</i> , 2019, 24, 609-615.	0.7	3
4624	Medial Orbitofrontal Cortex, Dorsolateral Prefrontal Cortex, and Hippocampus Differentially Represent the Event Saliency. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 874-884.	1.1	21
4625	Decoding the contents and strength of imagery before volitional engagement. <i>Scientific Reports</i> , 2019, 9, 3504.	1.6	41
4626	Speech processing and plasticity in the right hemisphere predict variation in adult foreign language learning. <i>NeuroImage</i> , 2019, 192, 76-87.	2.1	34
4627	Distinct representations of basic taste qualities in human gustatory cortex. <i>Nature Communications</i> , 2019, 10, 1048.	5.8	56
4628	Evidence for age-related changes in sensorimotor neuromagnetic responses during cued button pressing in a large open-access dataset. <i>NeuroImage</i> , 2019, 193, 25-34.	2.1	35
4629	Using Low-Frequency Oscillations to Detect Temporal Lobe Epilepsy with Machine Learning. <i>Brain Connectivity</i> , 2019, 9, 184-193.	0.8	15
4630	A controlled comparison of thickness, volume and surface areas from multiple cortical parcellation packages. <i>BMC Bioinformatics</i> , 2019, 20, 55.	1.2	17
4631	Neuroanatomical correlates of food addiction symptoms and body mass index in the general population. <i>Human Brain Mapping</i> , 2019, 40, 2747-2758.	1.9	41
4632	Automatic analysis of cross-sectional cerebral asymmetry on 3D in vivo MRI scans of human and chimpanzee. <i>Journal of Neuroscience Research</i> , 2019, 97, 673-682.	1.3	3
4633	Neighborhood affluence is not associated with positive and negative valence processing in adults with mood and anxiety disorders: A Bayesian inference approach. <i>NeuroImage: Clinical</i> , 2019, 22, 101738.	1.4	9
4634	Differential Brain Mechanisms of Selection and Maintenance of Information during Working Memory. <i>Journal of Neuroscience</i> , 2019, 39, 3728-3740.	1.7	51
4635	Intrinsic gray-matter connectivity of the brain in major depressive disorder. <i>Journal of Affective Disorders</i> , 2019, 251, 78-85.	2.0	17



#	ARTICLE	IF	CITATIONS
4636	On time delay estimation and sampling error in resting-state fMRI. <i>NeuroImage</i> , 2019, 194, 211-227.	2.1	39
4637	Joint Encoding of Auditory Timing and Location in Visual Cortex. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 1002-1017.	1.1	11
4638	3D U-Net for Skull Stripping in Brain MRI. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 569.	1.3	76
4639	Parcellation Analysis of Language Areas of the Brain and Its Clinical Association in Children with Autism Spectrum Disorder. , 2019, , 91-103.		1
4640	Differences in fibertract profiles between patients with migraine and those with persistent post-traumatic headache. <i>Cephalalgia</i> , 2019, 39, 1121-1133.	1.8	25
4641	Cortical morphometry of the five-factor model of personality: findings from the Human Connectome Project full sample. <i>Social Cognitive and Affective Neuroscience</i> , 2019, 14, 381-395.	1.5	32
4642	Cortical thickness 20Âyears after diagnosis of anorexia nervosa during adolescence. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2021, 271, 1133-1139.	1.8	11
4643	Transcranial direct current stimulation over the sensoryâ€motor regions inhibits gamma synchrony. <i>Human Brain Mapping</i> , 2019, 40, 2736-2746.	1.9	37
4644	Altered cortical morphology of visual cortex in adults with monocular amblyopia. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 1405-1412.	1.9	10
4645	Characterization of cortical and subcortical abnormalities in drug-naive boys with attention-deficit/hyperactivity disorder. <i>Journal of Affective Disorders</i> , 2019, 250, 397-403.	2.0	12
4646	Novel Machine Learning Identifies Brain Patterns Distinguishing Diagnostic Membership of Human Immunodeficiency Virus, Alcoholism, and Their Comorbidity of Individuals. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 589-599.	1.1	11
4647	Mood episodes are associated with increased cortical thinning: A longitudinal study of bipolar disorder type II. <i>Bipolar Disorders</i> , 2019, 21, 525-538.	1.1	12
4648	Illusory own body perceptions mapped in the cingulate cortexâ€An intracranial stimulation study. <i>Human Brain Mapping</i> , 2019, 40, 2813-2826.	1.9	14
4649	Markerless highâ€frequency prospective motion correction for neuroanatomical MRI. <i>Magnetic Resonance in Medicine</i> , 2019, 82, 126-144.	1.9	47
4650	Interindividual Variability of Functional Connectivity in Awake and Anesthetized Rhesus Macaque Monkeys. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 543-553.	1.1	47
4651	Elaboration Benefits Source Memory Encoding Through Centrality Change. <i>Scientific Reports</i> , 2019, 9, 3704.	1.6	5
4652	Functional criticality in the human brain: Physiological, behavioral and neurodevelopmental correlates. <i>PLoS ONE</i> , 2019, 14, e0213690.	1.1	4
4653	Lateral impacts correlate with falx cerebri displacement and corpus callosum trauma in sports-related concussions. <i>Biomechanics and Modeling in Mechanobiology</i> , 2019, 18, 631-649.	1.4	67

#	ARTICLE	IF	CITATIONS
4654	Leptomeningeal Contrast Enhancement Is Related to Focal Cortical Thinning in Relapsing-Remitting Multiple Sclerosis: A Cross-Sectional MRI Study. <i>American Journal of Neuroradiology</i> , 2019, 40, 620-625.	1.2	22
4655	Brain functional connectivity is altered in patients with Takotsubo Syndrome. <i>Scientific Reports</i> , 2019, 9, 4187.	1.6	16
4656	A simulation-based approach to improve decoded neurofeedback performance. <i>NeuroImage</i> , 2019, 195, 300-310.	2.1	17
4657	Characterizing the Molecular Architecture of Cortical Regions Associated with High Educational Attainment in Older Individuals. <i>Journal of Neuroscience</i> , 2019, 39, 4566-4575.	1.7	18
4658	Long-range functional coupling predicts performance: Oscillatory EEG networks in multisensory processing. <i>NeuroImage</i> , 2019, 196, 114-125.	2.1	23
4659	Longitudinal Characterization of Cortical Lesion Development and Evolution in Multiple Sclerosis with 7.0-T MRI. <i>Radiology</i> , 2019, 291, 740-749.	3.6	56
4660	Neuroplasticity, bilingualism, and mental mathematics: A behavior-MEG study. <i>Brain and Cognition</i> , 2019, 134, 122-134.	0.8	6
4661	Brain Heterogeneity in Schizophrenia and Its Association With Polygenic Risk. <i>JAMA Psychiatry</i> , 2019, 76, 739.	6.0	195
4662	Global signal regression strengthens association between resting-state functional connectivity and behavior. <i>NeuroImage</i> , 2019, 196, 126-141.	2.1	292
4663	Cardiovascular disease risk factors, tract-based structural connectomics, and cognition in older adults. <i>NeuroImage</i> , 2019, 196, 152-160.	2.1	19
4664	Aberrant brain structural large-scale connectome in Crohn's disease. <i>Neurogastroenterology and Motility</i> , 2019, 31, e13593.	1.6	17
4665	Cortical thinning in military blast compared to non-blast persistent mild traumatic brain injuries. <i>NeuroImage: Clinical</i> , 2019, 22, 101793.	1.4	29
4666	Brain MRI shows white matter sparing in Kennedy's disease and slow-progressing lower motor neuron disease. <i>Human Brain Mapping</i> , 2019, 40, 3102-3112.	1.9	12
4667	Egomotion-related visual areas respond to active leg movements. <i>Human Brain Mapping</i> , 2019, 40, 3174-3191.	1.9	31
4668	Breadth and depth of working memory and executive function compromises in mild cognitive impairment and their relationships to frontal lobe morphometry and functional competence. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019, 11, 170-179.	1.2	24
4669	Classifying suicidal behavior with resting-state functional connectivity and structural neuroimaging. <i>Acta Psychiatrica Scandinavica</i> , 2019, 140, 20-29.	2.2	41
4670	Fractionating the Rey Auditory Verbal Learning Test: Distinct roles of large-scale cortical networks in prodromal Alzheimer's disease. <i>Neuropsychologia</i> , 2019, 129, 83-92.	0.7	36
4671	Maturational Changes in Human Dorsal and Ventral Visual Networks. <i>Cerebral Cortex</i> , 2019, 29, 5131-5149.	1.6	12

#	ARTICLE	IF	CITATIONS
4672	Symptoms of fatigue and depression is reflected in altered default mode network connectivity in multiple sclerosis. PLoS ONE, 2019, 14, e0210375.	1.1	22
4673	Checking and washing rituals are reflected in altered cortical thickness in obsessive-compulsive disorder. Cortex, 2019, 117, 147-156.	1.1	9
4674	Reevaluating hMT+ and hv4 functional specialization for motion and static contrast using fMRI-guided repetitive transcranial magnetic stimulation. Journal of Vision, 2019, 19, 11.	0.1	5
4675	Structural Connectivity Analysis Using Finsler Geometry. SIAM Journal on Imaging Sciences, 2019, 12, 551-575.	1.3	3
4676	Lateral ventricle volume trajectories predict response inhibition in older age—A longitudinal brain imaging and machine learning approach. PLoS ONE, 2019, 14, e0207967.	1.1	11
4677	Optical Co-registration of MRI and On-scalp MEG. Scientific Reports, 2019, 9, 5490.	1.6	50
4678	Brain—Machine Interface-Driven Post-Stroke Upper-Limb Functional Recovery Correlates With Beta-Band Mediated Cortical Networks. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2019, 27, 1020-1031.	2.7	28
4679	Quantification of motor speech impairment and its anatomic basis in primary progressive aphasia. Neurology, 2019, 92, e1992-e2004.	1.5	34
4680	Cognitive phenotypes in temporal lobe epilepsy are associated with distinct patterns of white matter network abnormalities. Neurology, 2019, 92, e1957-e1968.	1.5	79
4681	Moderating Effect of Cortical Thickness on BOLD Signal Variability Age-Related Changes. Frontiers in Aging Neuroscience, 2019, 11, 46.	1.7	17
4682	The brain-derived neurotrophic factor Val66Met genotype does not influence the grey or white matter structures underlying recognition memory. NeuroImage, 2019, 197, 1-12.	2.1	4
4683	Distinct patterns of default mode and executive control network circuitry contribute to present and future executive function in older adults. NeuroImage, 2019, 195, 320-332.	2.1	38
4684	Auditory white matter pathways are associated with effective connectivity of auditory prediction errors within a fronto-temporal network. NeuroImage, 2019, 195, 454-462.	2.1	11
4685	MixNet: Multi-modality Mix Network for Brain Segmentation. Lecture Notes in Computer Science, 2019, , 367-377.	1.0	0
4686	Age-Related Reduction in Cortical Thickness in First-Episode Treatment-Naïve Patients with Schizophrenia. Neuroscience Bulletin, 2019, 35, 688-696.	1.5	24
4687	Structural brain correlates of fatigue in older adults with and without Parkinson's disease. NeuroImage: Clinical, 2019, 22, 101730.	1.4	32
4688	Comparative Utility of Manual versus Automated Segmentation of Hippocampus and Entorhinal Cortex Volumes in a Memory Clinic Sample. Journal of Alzheimer's Disease, 2019, 68, 159-171.	1.2	10
4689	Mapping cortical surface features in treatment resistant schizophrenia with in vivo structural MRI. Psychiatry Research, 2019, 274, 335-344.	1.7	17

#	ARTICLE	IF	CITATIONS
4690	Structural similarity networks predict clinical outcome in early-phase psychosis. <i>Neuropsychopharmacology</i> , 2019, 44, 915-922.	2.8	23
4691	Sex Effects on Development of Brain Structure and Executive Functions: Greater Variance than Mean Effects. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 730-753.	1.1	56
4692	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
4693	Cortical Contributions to Distinct Symptom Dimensions of Catatonia. <i>Schizophrenia Bulletin</i> , 2019, 45, 1184-1194.	2.3	48
4694	Embedded word priming elicits enhanced fMRI responses in the visual word form area. <i>PLoS ONE</i> , 2019, 14, e0208318.	1.1	0
4695	Cortical morphometric predictors of autonomic dysfunction in generalized anxiety disorder. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2019, 217, 41-48.	1.4	24
4696	Early versus late MCI: Improved MCI staging using a neuropsychological approach. <i>Alzheimer's and Dementia</i> , 2019, 15, 699-708.	0.4	84
4697	Clinical and MRI correlates of CSF neurofilament light chain levels in relapsing and progressive MS. <i>Multiple Sclerosis and Related Disorders</i> , 2019, 30, 149-153.	0.9	19
4698	MEG/EEG Group Analysis With Brainstorm. <i>Frontiers in Neuroscience</i> , 2019, 13, 76.	1.4	135
4699	Brainlesion: Glioma, Multiple Sclerosis, Stroke and Traumatic Brain Injuries. <i>Lecture Notes in Computer Science</i> , 2019, , .	1.0	8
4700	Involvement in Sports, Hippocampal Volume, and Depressive Symptoms in Children. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 484-492.	1.1	29
4701	Combining lifestyle risks to disentangle brain structure and functional connectivity differences in older adults. <i>Nature Communications</i> , 2019, 10, 621.	5.8	42
4702	Correlation analysis of motor function improvement and brain structure for upper limb paralysis. <i>NeuroReport</i> , 2019, 30, 77-81.	0.6	14
4703	Evaluation of brain volume alterations in HCV-infected patients after interferon-free therapy: A pilot study. <i>Journal of the Neurological Sciences</i> , 2019, 399, 36-43.	0.3	17
4704	Preliminary results from a pilot study examining brain structure in older adult cannabis users and nonusers. <i>Psychiatry Research - Neuroimaging</i> , 2019, 285, 58-63.	0.9	21
4705	A Double Dissociation in Sensitivity to Verb and Noun Semantics Across Cortical Networks. <i>Cerebral Cortex</i> , 2019, 29, 4803-4817.	1.6	20
4706	White Matter Hyperintensities in Alzheimer's Disease: A Lesion Probability Mapping Study. <i>Journal of Alzheimer's Disease</i> , 2019, 68, 789-796.	1.2	27
4707	Imaging human cortical responses to intraneural microstimulation using magnetoencephalography. <i>NeuroImage</i> , 2019, 189, 329-340.	2.1	5

#	ARTICLE	IF	CITATIONS
4708	The representation of symmetry in multi-voxel response patterns and functional connectivity throughout the ventral visual stream. <i>NeuroImage</i> , 2019, 191, 216-224.	2.1	31
4709	Cortical thickness and surface area as an endophenotype in bipolar disorder type I patients and their first-degree relatives. <i>NeuroImage: Clinical</i> , 2019, 22, 101695.	1.4	6
4710	The emergence of long-range language network structural covariance and language abilities. <i>NeuroImage</i> , 2019, 191, 36-48.	2.1	19
4711	Large-scale network architecture and associated structural cortico-subcortical abnormalities in patients with sleep/awake-related seizures. <i>Sleep</i> , 2019, 42, .	0.6	16
4712	Distance-dependent consensus thresholds for generating group-representative structural brain networks. <i>Network Neuroscience</i> , 2019, 3, 475-496.	1.4	119
4713	Disruption of Frontal Lobe Neural Synchrony During Cognitive Control by Alcohol Intoxication. <i>Journal of Visualized Experiments</i> , 2019, , .	0.2	13
4714	Genetic risk for schizophrenia and developmental delay is associated with shape and microstructure of midline white-matter structures. <i>Translational Psychiatry</i> , 2019, 9, 102.	2.4	20
4715	Group-level and functional-region analysis of electric-field shape during cerebellar transcranial direct current stimulation with different electrode montages. <i>Journal of Neural Engineering</i> , 2019, 16, 036001.	1.8	45
4716	Identification of a Simple and Novel Cut-Point Based Cerebrospinal Fluid and MRI Signature for Predicting Alzheimer's Disease Progression that Reinforces the 2018 NIA-AA Research Framework. <i>Journal of Alzheimer's Disease</i> , 2019, 68, 537-550.	1.2	11
4717	Comorbidity of reading disabilities and ADHD: Structural and functional brain characteristics. <i>Human Brain Mapping</i> , 2019, 40, 2677-2698.	1.9	54
4718	Age-related alterations in axonal microstructure in the corpus callosum measured by high-gradient diffusion MRI. <i>NeuroImage</i> , 2019, 191, 325-336.	2.1	55
4719	Personalized Psychiatry. , 2019, , .		16
4720	Clinical and cortical decline in the aphasic variant of Alzheimer's disease. , 2019, 15, 543-552.		14
4721	Cognitive impairment in patients with end-stage renal disease: Accelerated brain aging?. <i>Journal of the Formosan Medical Association</i> , 2019, 118, 867-875.	0.8	31
4722	Subcortical electrophysiological activity is detectable with high-density EEG source imaging. <i>Nature Communications</i> , 2019, 10, 753.	5.8	174
4723	How to Integrate Data from Multiple Biological Layers in Mental Health?. , 2019, , 135-159.		26
4724	Assessing the localization accuracy and clinical utility of electric and magnetic source imaging in children with epilepsy. <i>Clinical Neurophysiology</i> , 2019, 130, 491-504.	0.7	62
4725	Methodological considerations in designing and implementing the harmonized diagnostic assessment of dementia for longitudinal aging study in India (LASI's "DAD"). <i>Biodemography and Social Biology</i> , 2020, 65, 189-213.	0.4	13

#	ARTICLE	IF	CITATIONS
4726	Less Is Enough: Assessment of the Random Sampling Method for the Analysis of Magnetoencephalography (MEG) Data. <i>Mathematical and Computational Applications</i> , 2019, 24, 98.	0.7	1
4727	Left hemisphere abnormalities in developmental prosopagnosia when looking at faces but not words. <i>Brain Communications</i> , 2019, 1, fcz034.	1.5	12
4728	Brain Extraction Network Trained with "Silver Standard" Data and Fine-Tuned with Manual Annotation for Improved Segmentation. , 2019, , .		0
4729	Imaging G-Ratio in Multiple Sclerosis Using High-Gradient Diffusion MRI and Macromolecular Tissue Volume. <i>American Journal of Neuroradiology</i> , 2019, 40, 1871-1877.	1.2	30
4730	46 Supplementary Sensorimotor Area Surgery. , 2019, , .		0
4731	Identification of Visual Attentional Regions of the Temporoparietal Junction in Individual Subjects using a Vivid, Novel Oddball Paradigm. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 424.	1.0	5
4732	A Protocol for Integrating Neuroscience Into Studies of Family-Based Treatment for Anorexia Nervosa: An Approach to Research and Potential Benefits for Clinical Care. <i>Frontiers in Psychiatry</i> , 2019, 10, 919.	1.3	1
4733	Network dynamics of Broca's area during word selection. <i>PLoS ONE</i> , 2019, 14, e0225756.	1.1	25
4734	The use of the intensity-curvature measurement approaches: Applications in magnetic resonance imaging of the human brain. <i>Engineering Reports</i> , 2019, 1, e12063.	0.9	1
4735	Regional brain atrophy in gray and white matter is associated with cognitive impairment in Myotonic Dystrophy type 1. <i>NeuroImage: Clinical</i> , 2019, 24, 102078.	1.4	24
4736	Prosocial behavior relates to the rate and timing of cortical thinning from adolescence to young adulthood. <i>Developmental Cognitive Neuroscience</i> , 2019, 40, 100734.	1.9	17
4737	Source localization of high-frequency activity in tripolar electroencephalography of patients with epilepsy. <i>Epilepsy and Behavior</i> , 2019, 101, 106519.	0.9	17
4738	Improved cortical boundary registration for locally distorted fMRI scans. <i>PLoS ONE</i> , 2019, 14, e0223440.	1.1	6
4739	Intrinsic Frontolimbic Connectivity and Mood Symptoms in Young Adult Cannabis Users. <i>Frontiers in Public Health</i> , 2019, 7, 311.	1.3	12
4740	COALIA: A Computational Model of Human EEG for Consciousness Research. <i>Frontiers in Systems Neuroscience</i> , 2019, 13, 59.	1.2	40
4741	Volumetric and microstructural regional changes of the hippocampus underlying development of recall performance after extended retention intervals. <i>Developmental Cognitive Neuroscience</i> , 2019, 40, 100723.	1.9	13
4742	Mesolimbic dopamine D2 receptors and neural representations of subjective value. <i>Scientific Reports</i> , 2019, 9, 20229.	1.6	18
4743	Body map proto-organization in newborn macaques. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 24861-24871.	3.3	30

#	ARTICLE	IF	CITATIONS
4744	Transcranial Direct Current Stimulation Over the Prefrontal Cortex in Depression Modulates Cortical Excitability in Emotion Regulation Regions as Measured by Concurrent Functional Magnetic Resonance Imaging: An Exploratory Study. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2022, 7, 85-94.	1.1	10
4745	Cerebral cortical dimensions in headache sufferers aged 50 to 66 years: a population-based imaging study in the Nord-Trøndelag Health Study (HUNT-MRI). <i>Pain</i> , 2019, 160, 1634-1643.	2.0	13
4746	The Noisy Brain: Power of Resting-State Fluctuations Predicts Individual Recognition Performance. <i>Cell Reports</i> , 2019, 29, 3775-3784.e4.	2.9	10
4747	Automated detection of hippocampal sclerosis using clinically empirical and radiomics features. <i>Epilepsia</i> , 2019, 60, 2519-2529.	2.6	47
4748	Is Physical Frailty a Neuromuscular Condition?. <i>Journal of the American Medical Directors Association</i> , 2019, 20, 1556-1557.	1.2	2
4749	Magnetotrichography: Measuring the dc magnetic field produced by hair follicles. <i>Scientific Reports</i> , 2019, 9, 15624.	1.6	2
4750	Semi-Automatic Signature-Based Segmentation Method for Quantification of Neuromelanin in Substantia Nigra. <i>Brain Sciences</i> , 2019, 9, 335.	1.1	9
4751	Combined effects of age and BMI are related to altered cortical thickness in adolescence and adulthood. <i>Developmental Cognitive Neuroscience</i> , 2019, 40, 100728.	1.9	16
4752	Noninvasive Localization of High-Frequency Oscillations in Children with Epilepsy: Validation against Intracranial Gold-Standard. , 2019, 2019, 1555-1558.		10
4753	Fatigue in Ankylosing Spondylitis Is Associated With Psychological Factors and Brain Gray Matter. <i>Frontiers in Medicine</i> , 2019, 6, 271.	1.2	5
4754	Surveillance During REM Sleep for the First-Night Effect. <i>Frontiers in Neuroscience</i> , 2019, 13, 1161.	1.4	17
4755	Recurrence is required to capture the representational dynamics of the human visual system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 21854-21863.	3.3	266
4756	Structural and functional multi-platform MRI series of a single human volunteer over more than fifteen years. <i>Scientific Data</i> , 2019, 6, 245.	2.4	18
4757	Whole brain volume and cortical thickness based automatic classification of Wilson's disease. , 2019, , .		1
4758	Sex Differences in the Effect of Nucleus Accumbens Volume on Adolescent Drinking: The Mediating Role of Sensation Seeking in the NCANDA Sample. <i>Journal of Studies on Alcohol and Drugs</i> , 2019, 80, 594-601.	0.6	16
4759	Lower Interferon Regulatory Factor-8 Expression in Peripheral Myeloid Cells Tracks With Adverse Central Nervous System Outcomes in Treated HIV Infection. <i>Frontiers in Immunology</i> , 2019, 10, 2789.	2.2	1
4760	Effects of Early Language Deprivation on Brain Connectivity: Language Pathways in Deaf Native and Late First-Language Learners of American Sign Language. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 320.	1.0	38
4761	Overview of MR Imaging Volumetric Quantification in Neurocognitive Disorders. <i>Topics in Magnetic Resonance Imaging</i> , 2019, 28, 311-315.	0.7	8

#	ARTICLE	IF	CITATIONS
4762	Alzheimer Disease-associated Cortical Atrophy Does not Differ Between Chinese and Whites. <i>Alzheimer Disease and Associated Disorders</i> , 2019, 33, 186-193.	0.6	7
4763	Intersubject Synchronization of Late Adolescent Brain Responses to Violent Movies: A Virtue-Ethics Approach. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 260.	1.0	5
4764	The Effect of Aging on Resting State Connectivity of Predefined Networks in the Brain. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 234.	1.7	130
4765	Increased stressor-evoked cardiovascular reactivity is associated with reduced amygdala and hippocampus volume. <i>Psychophysiology</i> , 2019, 56, e13277.	1.2	28
4766	The relationship between CSF biomarkers and cerebral metabolism in early-onset Alzheimer's disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 324-333.	3.3	6
4767	Lead-DBS v2: Towards a comprehensive pipeline for deep brain stimulation imaging. <i>NeuroImage</i> , 2019, 184, 293-316.	2.1	527
4768	The Canadian Dementia Imaging Protocol: Harmonizing National Cohorts. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 456-465.	1.9	101
4769	The Hippocampus in Depression: More Than the Sum of Its Parts? Advanced Hippocampal Substructure Segmentation in Depression. <i>Biological Psychiatry</i> , 2019, 85, 487-497.	0.7	169
4770	Spatial Frequency Tolerant Visual Object Representations in the Human Ventral and Dorsal Visual Processing Pathways. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 49-63.	1.1	32
4771	Proposal for an accurate TMS-MRI co-registration process via 3D laser scanning. <i>Neuroscience Research</i> , 2019, 144, 30-39.	1.0	3
4772	Measurement of Sylvian Fissure asymmetry and occipital bending in humans and Pan troglodytes. <i>NeuroImage</i> , 2019, 184, 855-870.	2.1	20
4773	Somatosensory responses to nothing: An MEG study of expectations during omission of tactile stimulations. <i>NeuroImage</i> , 2019, 184, 78-89.	2.1	26
4774	Cortical thickness of Broca's area and right homologue is related to grammar learning aptitude and pitch discrimination proficiency. <i>Brain and Language</i> , 2019, 188, 42-47.	0.8	5
4775	Dissecting the Heterogeneous Cortical Anatomy of Autism Spectrum Disorder Using Normative Models. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 567-578.	1.1	97
4776	In vivo metabotropic glutamate receptor type 5 abnormalities localize the epileptogenic zone in mesial temporal lobe epilepsy. <i>Annals of Neurology</i> , 2019, 85, 218-228.	2.8	17
4777	The Effect of Onset Age of Visual Deprivation on Visual Cortex Surface Area Across-Species. <i>Cerebral Cortex</i> , 2019, 29, 4321-4333.	1.6	14
4778	The Superficial White Matter in Autism and Its Role in Connectivity Anomalies and Symptom Severity. <i>Cerebral Cortex</i> , 2019, 29, 4415-4425.	1.6	43
4779	A Finite Element Solution of the Forward Problem in EEG for Multipolar Sources. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2019, 27, 368-377.	2.7	11



#	ARTICLE	IF	CITATIONS
4780	Individual differences reveal limited mixed-category effects during a visual working memory task. <i>Neuropsychologia</i> , 2019, 122, 1-10.	0.7	1
4781	Effect of sleep quality on amnesic mild cognitive impairment vulnerable brain regions in cognitively normal elderly individuals. <i>Sleep</i> , 2019, 42, .	0.6	34
4782	Finding the baby in the bath water – evidence for task-specific changes in resting state functional connectivity evoked by training. <i>NeuroImage</i> , 2019, 188, 524-538.	2.1	12
4783	Evidence for a genetic effect in altered cortical surface area but not in cortical thinning in siblings of patients with mesial temporal lobe epilepsy. <i>Epilepsia</i> , 2019, 60, e6-e7.	2.6	2
4784	Interictal spike connectivity in human epileptic neocortex. <i>Clinical Neurophysiology</i> , 2019, 130, 270-279.	0.7	21
4785	Gray matter volumes of insular subregions are not correlated with smoking cessation outcomes but negatively correlated with nicotine dependence severity in chronic smokers. <i>Neuroscience Letters</i> , 2019, 696, 7-12.	1.0	15
4786	Sex Differences Along the Autism Continuum: A Twin Study of Brain Structure. <i>Cerebral Cortex</i> , 2019, 29, 1342-1350.	1.6	34
4787	Neuroanatomical deficits shared by youth with autism spectrum disorders and psychotic disorders. <i>Human Brain Mapping</i> , 2019, 40, 1643-1653.	1.9	11
4788	Change in brain volume and cortical thickness after behavioral and surgical weight loss intervention. <i>NeuroImage: Clinical</i> , 2019, 21, 101640.	1.4	10
4789	Resting-State Activity in High-Order Visual Areas as a Window into Natural Human Brain Activations. <i>Cerebral Cortex</i> , 2019, 29, 3618-3635.	1.6	12
4790	T1-MPRAGE and T2-FLAIR segmentation of cortical and subcortical brain regions – an MRI evaluation study. <i>Neuroradiology</i> , 2019, 61, 129-136.	1.1	7
4791	Stability of representational geometry across a wide range of fMRI activity levels. <i>NeuroImage</i> , 2019, 186, 155-163.	2.1	25
4792	A comparison of automated segmentation and manual tracing in estimating hippocampal volume in ischemic stroke and healthy control participants. <i>NeuroImage: Clinical</i> , 2019, 21, 101581.	1.4	27
4793	Effective Connectivity Within the Default Mode Network in Left Temporal Lobe Epilepsy: Findings from the Epilepsy Connectome Project. <i>Brain Connectivity</i> , 2019, 9, 174-183.	0.8	29
4794	Reduced white matter fractional anisotropy mediates cortical thickening in adults born preterm with very low birthweight. <i>NeuroImage</i> , 2019, 188, 217-227.	2.1	26
4795	QuickNAT: A fully convolutional network for quick and accurate segmentation of neuroanatomy. <i>NeuroImage</i> , 2019, 186, 713-727.	2.1	167
4796	Fitness, cortical thickness and surface area in overweight/obese children: The mediating role of body composition and relationship with intelligence. <i>NeuroImage</i> , 2019, 186, 771-781.	2.1	36
4797	Relationship between VEGF-related gene polymorphisms and brain morphology in treatment-naïve patients with first-episode major depressive disorder. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2019, 269, 785-794.	1.8	10

#	ARTICLE	IF	CITATIONS
4798	Sensorimotor network segregation declines with age and is linked to GABA and to sensorimotor performance. <i>NeuroImage</i> , 2019, 186, 234-244.	2.1	109
4799	Essential tremor severity and anatomical changes in brain areas controlling movement sequencing. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 83-97.	1.7	33
4800	Right hippocampus atrophy is independently associated with Alzheimer's disease with psychosis. <i>Psychogeriatrics</i> , 2019, 19, 105-110.	0.6	15
4801	Relation between the electric field and activation of cortical neurons in transcranial electrical stimulation. <i>Brain Stimulation</i> , 2019, 12, 275-289.	0.7	37
4802	Lower self-report fatigue in multiple sclerosis is associated with localized white matter tract disruption between amygdala, temporal pole, insula, and other connected structures. <i>Multiple Sclerosis and Related Disorders</i> , 2019, 27, 298-304.	0.9	16
4803	Structural brain changes as a function of second language vocabulary training: Effects of learning context. <i>Brain and Cognition</i> , 2019, 134, 90-102.	0.8	60
4804	Patterns of structural lateralization in cortical language areas of older adolescents. <i>Laterality</i> , 2019, 24, 450-481.	0.5	3
4805	Genetic architecture of hippocampal subfields on standard resolution MRI: How the parts relate to the whole. <i>Human Brain Mapping</i> , 2019, 40, 1528-1540.	1.9	16
4806	Temporal Dynamics and Response Modulation across the Human Visual System in a Spatial Attention Task: An ECoG Study. <i>Journal of Neuroscience</i> , 2019, 39, 333-352.	1.7	34
4807	Is Human Auditory Cortex Organization Compatible With the Monkey Model? Contrary Evidence From Ultra-High-Field Functional and Structural MRI. <i>Cerebral Cortex</i> , 2019, 29, 410-428.	1.6	16
4808	Proposal for a Migraine Aura Complexity Score. <i>Cephalalgia</i> , 2019, 39, 732-741.	1.8	12
4809	More intelligent chimpanzees ( <i>Pan troglodytes</i> ) have larger brains and increased cortical thickness. <i>Intelligence</i> , 2019, 74, 18-24.	1.6	9
4810	<i>Complement C7</i> is a novel risk gene for Alzheimer's disease in Han Chinese. <i>National Science Review</i> , 2019, 6, 257-274.	4.6	55
4811	Clinical Features Contributing to Cortical Thickness Changes in Chronic Migraine – A Pilot Study. <i>Headache</i> , 2019, 59, 180-191.	1.8	22
4812	The Midâ€Fusiform Sulcus (<i>sulcus sagittalis gyri fusiformis</i>). <i>Anatomical Record</i> , 2019, 302, 1491-1503.	0.8	39
4813	Human Scene-Selective Areas Represent 3D Configurations of Surfaces. <i>Neuron</i> , 2019, 101, 178-192.e7.	3.8	88
4814	Pharmacological stress impairs working memory performance and attenuates dorsolateral prefrontal cortex glutamate modulation. <i>NeuroImage</i> , 2019, 186, 437-445.	2.1	29
4815	The Concurrence of Cortical Surface Area Expansion and White Matter Myelination in Human Brain Development. <i>Cerebral Cortex</i> , 2019, 29, 827-837.	1.6	41

#	ARTICLE	IF	CITATIONS
4816	Toward direct MRI of neuroelectromagnetic oscillations in the human brain. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 3462-3475.	1.9	13
4817	Positron emission tomography of tau in Iraq and Afghanistan Veterans with blast neurotrauma. <i>NeuroImage: Clinical</i> , 2019, 21, 101651.	1.4	33
4818	Rapid and specific processing of person-related information in human anterior temporal lobe. <i>Communications Biology</i> , 2019, 2, 5.	2.0	7
4819	Thalamo-Cortical White Matter Underlies Motor Memory Consolidation via Modulation of Sleep Spindles in Young and Older Adults. <i>Neuroscience</i> , 2019, 402, 104-115.	1.1	24
4820	Identifying lesions in paediatric epilepsy using morphometric and textural analysis of magnetic resonance images. <i>NeuroImage: Clinical</i> , 2019, 21, 101663.	1.4	19
4821	Between-network Functional Connectivity Is Modified by Age and Cognitive Task Domain. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 607-622.	1.1	29
4822	Multi-Feature Based Network Revealing the Structural Abnormalities in Autism Spectrum Disorder. <i>IEEE Transactions on Affective Computing</i> , 2021, 12, 732-742.	5.7	39
4823	Structural Brain Alterations in Youth With Psychosis and Bipolar Spectrum Symptoms. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2019, 58, 1079-1091.	0.3	26
4824	Dynamic Functional Network Connectivity in Schizophrenia with Magnetoencephalography and Functional Magnetic Resonance Imaging: Do Different Timescales Tell a Different Story?. <i>Brain Connectivity</i> , 2019, 9, 251-262.	0.8	29
4825	Waves of Maturation and Senescence in Micro-structural MRI Markers of Human Cortical Myelination over the Lifespan. <i>Cerebral Cortex</i> , 2019, 29, 1369-1381.	1.6	91
4826	Cerebral torque is human specific and unrelated to brain size. <i>Brain Structure and Function</i> , 2019, 224, 1141-1150.	1.2	30
4827	Aerobic fitness, but not physical activity, is associated with grey matter volume in adolescents. <i>Behavioural Brain Research</i> , 2019, 362, 122-130.	1.2	27
4828	Longitudinal changes in cocaine intake and cognition are linked to cortical thickness adaptations in cocaine users. <i>NeuroImage: Clinical</i> , 2019, 21, 101652.	1.4	45
4829	Cortical Thickness and Surface Area Networks in Healthy Aging, Alzheimer's Disease and Behavioral Variant Fronto-Temporal Dementia. <i>International Journal of Neural Systems</i> , 2019, 29, 1850055.	3.2	21
4830	Influence of hemispheric white matter lesions and migraine characteristics on cortical thickness and volume. <i>Journal of Headache and Pain</i> , 2019, 20, 4.	2.5	8
4831	Structural and Functional Abnormalities of the Primary Somatosensory Cortex in Diabetic Peripheral Neuropathy: A Multimodal MRI Study. <i>Diabetes</i> , 2019, 68, 796-806.	0.3	63
4832	Mega-Analysis of Gray Matter Volume in Substance Dependence: General and Substance-Specific Regional Effects. <i>American Journal of Psychiatry</i> , 2019, 176, 119-128.	4.0	190
4833	Neural Correlates of Cognitive Impairment in Parkinson's Disease: A Review of Structural MRI Findings. <i>International Review of Neurobiology</i> , 2019, 144, 1-28.	0.9	24

#	ARTICLE	IF	CITATIONS
4834	Screen media activity and brain structure in youth: Evidence for diverse structural correlation networks from the ABCD study. <i>NeuroImage</i> , 2019, 185, 140-153.	2.1	109
4835	The Shrinking Brain: Cerebral Atrophy Following Traumatic Brain Injury. <i>Annals of Biomedical Engineering</i> , 2019, 47, 1941-1959.	1.3	79
4836	Abnormal temporal lobe morphology in asymptomatic relatives of patients with hippocampal sclerosis: A replication study. <i>Epilepsia</i> , 2019, 60, e1-e5.	2.6	12
4837	Neural correlates of effort-based valuation with prospective choices. <i>NeuroImage</i> , 2019, 185, 446-454.	2.1	29
4838	Continuity and Discontinuity in Human Cortical Development and Change From Embryonic Stages to Old Age. <i>Cerebral Cortex</i> , 2019, 29, 3879-3890.	1.6	27
4839	Cortical Volume and Thickness Across Bipolar Disorder Subtypes in Adolescents: A Preliminary Study. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2019, 29, 141-151.	0.7	10
4840	Females are more vulnerable to Internet gaming disorder than males: Evidence from cortical thickness abnormalities. <i>Psychiatry Research - Neuroimaging</i> , 2019, 283, 145-153.	0.9	31
4841	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
4842	Intra-cortical myelin mediates personality differences. <i>Journal of Personality</i> , 2019, 87, 889-902.	1.8	21
4843	Altered bile acid profile in mild cognitive impairment and Alzheimer's disease: Relationship to neuroimaging and CSF biomarkers. <i>Alzheimer's and Dementia</i> , 2019, 15, 232-244.	0.4	198
4844	Brain Structural and Amyloid Correlates of Recovery From Semantic Interference in Cognitively Normal Individuals With or Without Family History of Late-Onset Alzheimer's Disease. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2019, 31, 25-36.	0.9	11
4845	Cortical atrophy pattern-based subtyping predicts prognosis of amnesic MCI: an individual-level analysis. <i>Neurobiology of Aging</i> , 2019, 74, 38-45.	1.5	13
4846	Unraveling the spatiotemporal brain dynamics during a simulated reach-to-eat task. <i>NeuroImage</i> , 2019, 185, 58-71.	2.1	9
4847	Measuring transient phase-amplitude coupling using local mutual information. <i>NeuroImage</i> , 2019, 185, 361-378.	2.1	41
4848	fMRIPrep: a robust preprocessing pipeline for functional MRI. <i>Nature Methods</i> , 2019, 16, 111-116.	9.0	1,830
4849	Ultra-Low-Dose <sup>18</sup> F-Florbetaben Amyloid PET Imaging Using Deep Learning with Multi-Contrast MRI Inputs. <i>Radiology</i> , 2019, 290, 649-656.	3.6	182
4850	Ipsilateral finger representations in the sensorimotor cortex are driven by active movement processes, not passive sensory input. <i>Journal of Neurophysiology</i> , 2019, 121, 418-426.	0.9	55
4851	Large-scale comparative neuroimaging: Where are we and what do we need?. <i>Cortex</i> , 2019, 118, 188-202.	1.1	47

#	ARTICLE	IF	CITATIONS
4852	Characterization of normal-appearing white matter in multiple sclerosis using quantitative susceptibility mapping in conjunction with diffusion tensor imaging. <i>Neuroradiology</i> , 2019, 61, 71-79.	1.1	24
4853	MV-PURE Spatial Filters With Application to EEG/MEG Source Reconstruction. <i>IEEE Transactions on Signal Processing</i> , 2019, 67, 553-567.	3.2	8
4854	Impact of Intraoperative Hyperglycemia on Brain Structures and Volumes. <i>Journal of Neuroimaging</i> , 2019, 29, 260-267.	1.0	3
4855	Cortical covariance networks in ageing: Cross-sectional data from the Irish Longitudinal Study on Ageing (TILDA). <i>Neuropsychologia</i> , 2019, 122, 51-61.	0.7	10
4856	Differential cortical thinning of auditory cortex in first episode schizophrenia: Association with auditory verbal hallucinations. <i>Schizophrenia Research</i> , 2019, 206, 464-465.	1.1	1
4857	Aberrant visual pathway development in albinism: From retina to cortex. <i>Human Brain Mapping</i> , 2019, 40, 777-788.	1.9	26
4858	Spatially informed voxelwise modeling for naturalistic fMRI experiments. <i>NeuroImage</i> , 2019, 186, 741-757.	2.1	9
4859	Asymmetry in cortical thickness and subcortical volume in treatment-naïve major depressive disorder. <i>NeuroImage: Clinical</i> , 2019, 21, 101614.	1.4	19
4860	Probing Brain Developmental Patterns of Myelination and Associations With Psychopathology in Youths Using Gray/White Matter Contrast. <i>Biological Psychiatry</i> , 2019, 85, 389-398.	0.7	45
4861	Aberrant memory system connectivity and working memory performance in subjective cognitive decline. <i>NeuroImage</i> , 2019, 185, 556-564.	2.1	52
4862	Altered White Matter Organization in the TUBB3 E410K Syndrome. <i>Cerebral Cortex</i> , 2019, 29, 3561-3576.	1.6	13
4863	Brief Computer-Based Information Processing Measures are Linked to White Matter Integrity in Pediatric-Onset Multiple Sclerosis. <i>Journal of Neuroimaging</i> , 2019, 29, 140-150.	1.0	8
4864	Simulating human sleep spindle MEG and EEG from ion channel and circuit level dynamics. <i>Journal of Neuroscience Methods</i> , 2019, 316, 46-57.	1.3	5
4865	The Neuroanatomy of Autism Spectrum Disorder Symptomatology in 22q11.2 Deletion Syndrome. <i>Cerebral Cortex</i> , 2019, 29, 3655-3665.	1.6	8
4866	Increased Frontal Lobe Volume as a Neural Correlate of Gray-Collar Offending. <i>Journal of Research in Crime and Delinquency</i> , 2019, 56, 303-336.	1.7	7
4867	Fused Group Lasso Regularized Multi-Task Feature Learning and Its Application to the Cognitive Performance Prediction of Alzheimer's Disease. <i>Neuroinformatics</i> , 2019, 17, 271-294.	1.5	15
4868	Reward-related regions form a preferentially coupled system at rest. <i>Human Brain Mapping</i> , 2019, 40, 361-376.	1.9	23
4869	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

#	ARTICLE	IF	CITATIONS
4870	Myelin Water Fraction Imaging Reveals Hemispheric Asymmetries in Human White Matter That Are Associated with Genetic Variation in PLP1. <i>Molecular Neurobiology</i> , 2019, 56, 3999-4012.	1.9	14
4871	White matter connectivity reductions in the pre-clinical continuum of psychosis: A connectome study. <i>Human Brain Mapping</i> , 2019, 40, 529-537.	1.9	19
4872	Ipsilateral somatosensory responses in humans: the tonic activity of SII and posterior insular cortex. <i>Brain Structure and Function</i> , 2019, 224, 9-18.	1.2	15
4873	Frontoparietal cortical thickness mediates the effect of COMT ValMet polymorphism on age-associated executive function. <i>Neurobiology of Aging</i> , 2019, 73, 104-114.	1.5	11
4874	Patterns of Cortical Structures and Cognition in Antipsychotic-Naïve Patients With First-Episode Schizophrenia: A Partial Least Squares Correlation Analysis. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 444-453.	1.1	12
4875	In-vivo magnetic resonance imaging (MRI) of laminae in the human cortex. <i>NeuroImage</i> , 2019, 197, 707-715.	2.1	83
4876	Two cortical deficits underlie amblyopia: A multifocal fMRI analysis. <i>NeuroImage</i> , 2019, 190, 232-241.	2.1	14
4877	The relevance of hippocampal subfield integrity and clock drawing test performance for the diagnosis of Alzheimer's disease and mild cognitive impairment. <i>World Journal of Biological Psychiatry</i> , 2019, 20, 197-208.	1.3	9
4878	Parkinson's disease with mild cognitive impairment: severe cortical thinning antedates dementia. <i>Brain Imaging and Behavior</i> , 2019, 13, 180-188.	1.1	25
4879	Validated Alzheimer's Disease Risk Index (ANU-ADRI) is associated with smaller volumes in the default mode network in the early 60s. <i>Brain Imaging and Behavior</i> , 2019, 13, 65-74.	1.1	15
4880	Graph Theoretical Framework of Brain Networks in Multiple Sclerosis: A Review of Concepts. <i>Neuroscience</i> , 2019, 403, 35-53.	1.1	117
4881	The spatiotemporal pattern of pure tone processing: A single-trial EEG-fMRI study. <i>NeuroImage</i> , 2019, 187, 184-191.	2.1	14
4882	Support vector machine-based classification of first episode drug-naïve schizophrenia patients and healthy controls using structural MRI. <i>Schizophrenia Research</i> , 2019, 214, 11-17.	1.1	68
4883	Alterations in Cortical Thickness and Subcortical Volume are Associated With Neurological Symptoms and Neck Pain in Patients With Cervical Spondylosis. <i>Neurosurgery</i> , 2019, 84, 588-598.	0.6	26
4884	Neural correlates of binocular depth inversion illusion in antipsychotic-naïve first-episode schizophrenia patients. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2019, 269, 897-910.	1.8	2
4885	Computational neuroanatomy of baby brains: A review. <i>NeuroImage</i> , 2019, 185, 906-925.	2.1	125
4886	Frontoparietal Activity Interacts With Task-Evoked Changes in Functional Connectivity. <i>Cerebral Cortex</i> , 2019, 29, 802-813.	1.6	17
4887	Encoding of Auditory Temporal Gestalt in the Human Brain. <i>Cerebral Cortex</i> , 2019, 29, 475-484.	1.6	9

#	ARTICLE	IF	CITATIONS
4888	Non-perceptual Regions in the Left Inferior Parietal Lobe Support Phonological Short-term Memory: Evidence for a Buffer Account?. <i>Cerebral Cortex</i> , 2019, 29, 1398-1413.	1.6	46
4889	Altered structural brain connectivity involving the dorsal and ventral language pathways in 16p11.2 deletion syndrome. <i>Brain Imaging and Behavior</i> , 2019, 13, 430-445.	1.1	13
4890	An Information-Driven 2-Pathway Characterization of Occipitotemporal and Posterior Parietal Visual Object Representations. <i>Cerebral Cortex</i> , 2019, 29, 2034-2050.	1.6	32
4891	Cortical and Subcortical Morphometric and Iron Changes in Relapsing-Remitting Multiple Sclerosis and Their Association with White Matter T2-lesion Load. <i>Clinical Neuroradiology</i> , 2019, 29, 51-64.	1.0	12
4892	Imaging laminar structures in the gray matter with diffusion MRI. <i>NeuroImage</i> , 2019, 197, 677-688.	2.1	74
4893	In Vivo Identification of Thick, Thin, and Pale Stripes of Macaque Area V2 Using Submillimeter Resolution (f)MRI at 3 T. <i>Cerebral Cortex</i> , 2019, 29, 544-560.	1.6	21
4894	Human Cortical Thickness Organized into Genetically-determined Communities across Spatial Resolutions. <i>Cerebral Cortex</i> , 2019, 29, 106-118.	1.6	18
4895	Regional growth trajectories of cortical myelination in adolescents and young adults: longitudinal validation and functional correlates. <i>Brain Imaging and Behavior</i> , 2020, 14, 242-266.	1.1	33
4896	Resilience and cortical thickness: a MRI study. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2020, 270, 533-539.	1.8	16
4897	Modifying the minimum criteria for diagnosing amnesic MCI to improve prediction of brain atrophy and progression to Alzheimer's disease. <i>Brain Imaging and Behavior</i> , 2020, 14, 787-796.	1.1	14
4898	Cortical atrophy and transcallosal diaschisis following isolated subcortical stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 611-621.	2.4	38
4899	Neuroimaging auditory verbal hallucinations in schizophrenia patient and healthy populations. <i>Psychological Medicine</i> , 2020, 50, 403-412.	2.7	21
4900	Childhood emotional neglect and oxytocin receptor variants: Association with limbic brain volumes. <i>World Journal of Biological Psychiatry</i> , 2020, 21, 513-528.	1.3	22
4901	Clinical relevance of cortical network dynamics in early primary progressive MS. <i>Multiple Sclerosis Journal</i> , 2020, 26, 442-456.	1.4	14
4902	Gender differences in cortical morphological networks. <i>Brain Imaging and Behavior</i> , 2020, 14, 1831-1839.	1.1	30
4903	Accurate neuroimaging biomarkers to predict body mass index in adolescents: a longitudinal study. <i>Brain Imaging and Behavior</i> , 2020, 14, 1682-1695.	1.1	12
4904	Imputation Strategy for Reliable Regional MRI Morphological Measurements. <i>Neuroinformatics</i> , 2020, 18, 59-70.	1.5	13
4905	Morphometric correlates of anomia in patients with small left temporopolar lesions. <i>Journal of Neuropsychology</i> , 2020, 14, 260-282.	0.6	3

#	ARTICLE	IF	CITATIONS
4906	Cortical morphometry alterations in brain regions involved in emotional, motor-control and self-referential processing in patients with functional constipation. <i>Brain Imaging and Behavior</i> , 2020, 14, 1899-1907.	1.1	17
4907	Toward Robust Anxiety Biomarkers: A Machine Learning Approach in a Large-Scale Sample. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 799-807.	1.1	25
4908	Impaired processing of response conflicts in mesial temporal lobe epilepsy. <i>Journal of Neuropsychology</i> , 2020, 14, 283-300.	0.6	4
4909	Abnormal Left-Hemispheric Sulcal Patterns Correlate with Neurodevelopmental Outcomes in Subjects with Single Ventricular Congenital Heart Disease. <i>Cerebral Cortex</i> , 2020, 30, 476-487.	1.6	17
4910	Respective influence of current alcohol consumption and duration of heavy drinking on brain morphological alterations in alcohol use disorder. <i>Addiction Biology</i> , 2020, 25, e12751.	1.4	11
4911	Nicotine Effects on White Matter Microstructure in Young Adults. <i>Archives of Clinical Neuropsychology</i> , 2020, 35, 10-21.	0.3	10
4912	Ipsilesional perceptual deficits in hemispatial neglect: Case reports. <i>Cortex</i> , 2020, 122, 277-287.	1.1	2
4913	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
4914	Differential Contribution of Cortical Thickness, Surface Area, and Gyrfication to Fluid and Crystallized Intelligence. <i>Cerebral Cortex</i> , 2020, 30, 215-225.	1.6	56
4915	Socioeconomic Disparities in Language Input Are Associated With Children's Language-Related Brain Structure and Reading Skills. <i>Child Development</i> , 2020, 91, 846-860.	1.7	79
4916	Treatment response prediction and individualized identification of first-episode drug-naïve schizophrenia using brain functional connectivity. <i>Molecular Psychiatry</i> , 2020, 25, 906-913.	4.1	91
4917	Electrocorticography reveals continuous auditory and visual speech tracking in temporal and occipital cortex. <i>European Journal of Neuroscience</i> , 2020, 51, 1364-1376.	1.2	19
4918	Distinct brain structure and behavior related to ADHD and conduct disorder traits. <i>Molecular Psychiatry</i> , 2020, 25, 3020-3033.	4.1	37
4919	Boys with autism spectrum disorder have distinct cortical folding patterns underpinning impaired self-regulation: a surface-based morphometry study. <i>Brain Imaging and Behavior</i> , 2020, 14, 2464-2476.	1.1	9
4920	A Data-Driven Multi-scale Technique for fMRI Mapping of the Human Somatosensory Cortex. <i>Brain Topography</i> , 2020, 33, 22-36.	0.8	10
4921	Longitudinal Cortical Thickness Changes in Bipolar Disorder and the Relationship to Genetic Risk, Mania, and Lithium Use. <i>Biological Psychiatry</i> , 2020, 87, 271-281.	0.7	46
4922	The quandary of covarying: A brief review and empirical examination of covariate use in structural neuroimaging studies on psychological variables. <i>NeuroImage</i> , 2020, 205, 116225.	2.1	51
4923	Cost of focality in TDCS: Interindividual variability in electric fields. <i>Brain Stimulation</i> , 2020, 13, 117-124.	0.7	80



#	ARTICLE	IF	CITATIONS
4924	Cognitive impairment and structural brain damage in multiple system atrophy-parkinsonian variant. <i>Journal of Neurology</i> , 2020, 267, 87-94.	1.8	24
4925	High-gradient diffusion MRI reveals distinct estimates of axon diameter index within different white matter tracts in the in vivo human brain. <i>Brain Structure and Function</i> , 2020, 225, 1277-1291.	1.2	55
4926	Total gray matter volume is reduced in individuals with bipolar disorder currently treated with atypical antipsychotics. <i>Journal of Affective Disorders</i> , 2020, 260, 722-727.	2.0	12
4927	Level of body fat relates to memory decline and interacts with age in its association with hippocampal and subcortical atrophy. <i>Neurobiology of Aging</i> , 2020, 91, 112-124.	1.5	9
4928	Theta and alpha oscillations as signatures of internal and external attention to delayed intentions: A magnetoencephalography (MEG) study. <i>NeuroImage</i> , 2020, 205, 116295.	2.1	36
4929	Multimodal fusion of structural and functional brain imaging in depression using linked independent component analysis. <i>Human Brain Mapping</i> , 2020, 41, 241-255.	1.9	36
4930	Brain Volume Abnormalities in Youth at High Risk for Depression: Adolescent Brain and Cognitive Development Study. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2020, 59, 1178-1188.	0.3	48
4931	Cognitive trajectories in relapsing/remitting multiple sclerosis: A longitudinal 6-year study. <i>Multiple Sclerosis Journal</i> , 2020, 26, 1740-1751.	1.4	21
4932	More than BOLD: Dual-spin populations create functional contrast. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 681-694.	1.9	1
4933	Enhanced Bottom-Up and Reduced Top-Down fMRI Activity Is Related to Long-Lasting Nonreinforced Behavioral Change. <i>Cerebral Cortex</i> , 2020, 30, 858-874.	1.6	17
4934	Dynamics of the cerebral blood flow response to brief neural activity in human visual cortex. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 1823-1837.	2.4	13
4935	Sex differences in limbic network and risk-taking propensity in healthy individuals. <i>Journal of Neuroscience Research</i> , 2020, 98, 371-383.	1.3	9
4936	Viewing Pictures Triggers Rapid Morphological Enlargement in the Human Visual Cortex. <i>Cerebral Cortex</i> , 2020, 30, 851-857.	1.6	19
4937	Age-Related Differences in Functional Asymmetry During Memory Retrieval Revisited: No Evidence for Contralateral Overactivation or Compensation. <i>Cerebral Cortex</i> , 2020, 30, 1129-1147.	1.6	12
4938	A neurobiological correlate of stress-induced nicotine-seeking behavior among cigarette smokers. <i>Addiction Biology</i> , 2020, 25, e12819.	1.4	8
4939	Pubertal development mediates the association between family environment and brain structure and function in childhood. <i>Development and Psychopathology</i> , 2020, 32, 687-702.	1.4	28
4940	Cognitive reserve attenuates age-related cognitive decline in the context of putatively accelerated brain ageing in schizophrenia-spectrum disorders. <i>Psychological Medicine</i> , 2020, 50, 1475-1489.	2.7	12
4941	Stratifying major depressive disorder by polygenic risk for schizophrenia in relation to structural brain measures. <i>Psychological Medicine</i> , 2020, 50, 1653-1662.	2.7	13

#	ARTICLE	IF	CITATIONS
4942	Categorical Encoding of Vowels in Primary Auditory Cortex. <i>Cerebral Cortex</i> , 2020, 30, 618-627.	1.6	13
4943	Effects of BDNF Val66Met polymorphisms on brain structures and behaviors in adolescents with conduct disorder. <i>European Child and Adolescent Psychiatry</i> , 2020, 29, 479-488.	2.8	1
4944	Predicting human inhibitory control from brain structural MRI. <i>Brain Imaging and Behavior</i> , 2020, 14, 2148-2158.	1.1	18
4945	The Human Intraparietal Sulcus Modulates Task-Evoked Functional Connectivity. <i>Cerebral Cortex</i> , 2020, 30, 875-887.	1.6	10
4946	Association of Cavum Septum Pellucidum and Cavum Vergae With Cognition, Mood, and Brain Volumes in Professional Fighters. <i>JAMA Neurology</i> , 2020, 77, 35.	4.5	23
4947	Neuropathologic basis of in vivo cortical atrophy in the aphasic variant of Alzheimer's disease. <i>Brain Pathology</i> , 2020, 30, 332-344.	2.1	11
4948	Organization of Propagated Intrinsic Brain Activity in Individual Humans. <i>Cerebral Cortex</i> , 2020, 30, 1716-1734.	1.6	48
4949	The Link between Estradiol and Neuroplasticity in Transgender Women after Gender-Affirming Surgery: A Bimodal Hypothesis. <i>Neuroendocrinology</i> , 2020, 110, 489-500.	1.2	4
4950	Neuromagnetic correlates of hemispheric specialization for face and word recognition. <i>Neuroscience Research</i> , 2020, 156, 108-116.	1.0	5
4951	White matter integrity differences associated with post-traumatic stress disorder are not normalized by concurrent marijuana use. <i>Psychiatry Research - Neuroimaging</i> , 2020, 295, 111017.	0.9	4
4952	Effects of unilateral cortical resection of the visual cortex on bilateral human white matter. <i>NeuroImage</i> , 2020, 207, 116345.	2.1	8
4953	Amygdala volume and social anxiety symptom severity: Does segmentation technique matter?. <i>Psychiatry Research - Neuroimaging</i> , 2020, 295, 111006.	0.9	12
4954	Patterns of regional brain volume loss in multiple sclerosis: a cluster analysis. <i>Journal of Neurology</i> , 2020, 267, 395-405.	1.8	17
4955	Associations between cerebral blood flow and structural and functional brain imaging measures in individuals with neuropsychologically defined mild cognitive impairment. <i>Neurobiology of Aging</i> , 2020, 86, 64-74.	1.5	42
4956	Cortical thinning in dementia with Lewy bodies and Parkinson disease dementia. <i>Australian and New Zealand Journal of Psychiatry</i> , 2020, 54, 633-643.	1.3	10
4957	Brain structure and internalizing and externalizing behavior in typically developing children and adolescents. <i>Brain Structure and Function</i> , 2020, 225, 1369-1378.	1.2	40
4958	Brain Magnetic Resonance Imaging Findings Associated With Cognitive Impairment in Children and Adolescents With Human Immunodeficiency Virus in Zambia. <i>Pediatric Neurology</i> , 2020, 102, 28-35.	1.0	15
4959	Individual differences in the neurobiology of fluid intelligence predict responsiveness to training: Evidence from a comprehensive cognitive, mindfulness meditation, and aerobic exercise intervention. <i>Trends in Neuroscience and Education</i> , 2020, 18, 100123.	1.5	14

#	ARTICLE	IF	CITATIONS
4960	Structural connectivity alterations in chronic and episodic migraine: A diffusion magnetic resonance imaging connectomics study. <i>Cephalalgia</i> , 2020, 40, 367-383.	1.8	21
4961	Morphology and Spatial Probability Maps of the Horizontal Ascending Ramus of the Lateral Fissure. <i>Cerebral Cortex</i> , 2020, 30, 1586-1602.	1.6	14
4962	Primary auditory cortex representation of fear-conditioned musical sounds. <i>Human Brain Mapping</i> , 2020, 41, 882-891.	1.9	13
4963	Longitudinal atrophy characterization of cortical and subcortical gray matter in Huntington's disease patients. <i>European Journal of Neuroscience</i> , 2020, 51, 1827-1843.	1.2	11
4964	Four-Dimensional Modeling of fMRI Data via Spatio-Temporal Convolutional Neural Networks (ST-CNNs). <i>IEEE Transactions on Cognitive and Developmental Systems</i> , 2020, 12, 451-460.	2.6	28
4965	Complex and subtle structural changes in prefrontal cortex induced by inhibitory control training from childhood to adolescence. <i>Developmental Science</i> , 2020, 23, e12898.	1.3	26
4966	Potential of on-scalp MEG: Robust detection of human visual gamma-band responses. <i>Human Brain Mapping</i> , 2020, 41, 150-161.	1.9	64
4967	Spectral partitioning identifies individual heterogeneity in the functional network topography of ventral and anterior medial prefrontal cortex. <i>NeuroImage</i> , 2020, 205, 116305.	2.1	13
4968	Childhood trauma and hippocampal subfield volumes in first-episode schizophrenia and healthy controls. <i>Schizophrenia Research</i> , 2020, 215, 308-313.	1.1	11
4969	A multipredictor model to predict the conversion of mild cognitive impairment to Alzheimer's disease by using a predictive nomogram. <i>Neuropsychopharmacology</i> , 2020, 45, 358-366.	2.8	54
4970	Childhood Obesity, Cortical Structure, and Executive Function in Healthy Children. <i>Cerebral Cortex</i> , 2020, 30, 2519-2528.	1.6	105
4971	In vivo functional localization of the temporal monocular crescent representation in human primary visual cortex. <i>NeuroImage</i> , 2020, 209, 116516.	2.1	3
4972	Associations between personality and whole-brain functional connectivity at rest: Evidence across the adult lifespan. <i>Brain and Behavior</i> , 2020, 10, e01515.	1.0	18
4973	Substance use initiation and the prediction of subsequent academic achievement. <i>Brain Imaging and Behavior</i> , 2020, 14, 2679-2691.	1.1	8
4974	Cortical Brain Age from Pre-treatment to Post-chemotherapy in Patients with Breast Cancer. <i>Neurotoxicity Research</i> , 2020, 37, 788-799.	1.3	22
4975	Preliminary study of structural magnetic resonance imaging phenotypes related to genetic variation in Interleukin-1 $\beta$ rs16944 in adolescents with Bipolar Disorder. <i>Journal of Psychiatric Research</i> , 2020, 122, 33-41.	1.5	12
4976	Atypical Relationships Between Spontaneous EEG and fMRI Activity in Autism. <i>Brain Connectivity</i> , 2020, 10, 18-28.	0.8	21
4977	Autosomal dominantly inherited alzheimer disease: Analysis of genetic subgroups by machine learning. <i>Information Fusion</i> , 2020, 58, 153-167.	11.7	17

#	ARTICLE	IF	CITATIONS
4978	JEDI: Joint Estimation Diffusion Imaging of macroscopic and microscopic tissue properties. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 966-990.	1.9	3
4979	Sex differences in brain structure: a twin study on restricted and repetitive behaviors in twin pairs with and without autism. <i>Molecular Autism</i> , 2020, 11, 1.	2.6	93
4980	Modulating the global orientation bias of the visual system changes population receptive field elongations. <i>Human Brain Mapping</i> , 2020, 41, 1765-1774.	1.9	11
4981	Anatomically guided examination of extrinsic connectivity gradients in the human hippocampus. <i>Cortex</i> , 2020, 128, 312-317.	1.1	4
4982	A novel approach to localize cortical TMS effects. <i>NeuroImage</i> , 2020, 209, 116486.	2.1	112
4983	Corticospinal tract structure and excitability in patients with anterior cruciate ligament reconstruction: A DTI and TMS study. <i>NeuroImage: Clinical</i> , 2020, 25, 102157.	1.4	28
4984	Internalizing symptoms in intractable pediatric epilepsy: Structural and functional brain correlates. <i>Epilepsy and Behavior</i> , 2020, 103, 106845.	0.9	11
4985	Beyond the Epileptic Focus: Functional Epileptic Networks in Focal Epilepsy. <i>Cerebral Cortex</i> , 2020, 30, 2338-2357.	1.6	14
4986	Anterior Cingulate Structure and Perfusion is Associated with Cerebrospinal Fluid Tau among Cognitively Normal Older Adult APOE $\epsilon$ 4 Carriers. <i>Journal of Alzheimer's Disease</i> , 2020, 73, 87-101.	1.2	5
4987	Enhanced striatal and prefrontal activity is associated with individual differences in nonreinforced preference change for faces. <i>Human Brain Mapping</i> , 2020, 41, 1043-1060.	1.9	15
4988	Bias, noise, and interpretability in machine learning. , 2020, , 307-328.		3
4989	Grey matter abnormalities are associated only with severe cognitive decline in early stages of Parkinson's disease. <i>Cortex</i> , 2020, 123, 1-11.	1.1	14
4990	Anticipatory Threat Responding: Associations With Anxiety, Development, and Brain Structure. <i>Biological Psychiatry</i> , 2020, 87, 916-925.	0.7	48
4991	Temporal Characteristics of Priming of Attention Shifts Are Mirrored by BOLD Response Patterns in the Frontoparietal Attention Network. <i>Cerebral Cortex</i> , 2020, 30, 2267-2280.	1.6	11
4992	The effect of white matter signal abnormalities on default mode network connectivity in mild cognitive impairment. <i>Human Brain Mapping</i> , 2020, 41, 1237-1248.	1.9	20
4993	Early childhood deprivation is associated with alterations in adult brain structure despite subsequent environmental enrichment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 641-649.	3.3	161
4994	Bayesian population receptive field modeling in human somatosensory cortex. <i>NeuroImage</i> , 2020, 208, 116465.	2.1	41
4995	Micro-probing enables fine-grained mapping of neuronal populations using fMRI. <i>NeuroImage</i> , 2020, 209, 116423.	2.1	22

#	ARTICLE	IF	CITATIONS
4996	Spatial attention enhances cortical tracking of quasi-rhythmic visual stimuli. <i>NeuroImage</i> , 2020, 208, 116444.	2.1	7
4997	The white matter connectome as an individualized biomarker of language impairment in temporal lobe epilepsy. <i>NeuroImage: Clinical</i> , 2020, 25, 102125.	1.4	29
4998	Detection of cortical malformations using enhanced synthetic contrast images derived from quantitative T1 maps. <i>NMR in Biomedicine</i> , 2020, 33, e4203.	1.6	10
4999	Evaluation of cortical thickness and brain volume on 3 Tesla magnetic resonance imaging in children with frontal lobe epilepsy. <i>Neurological Sciences</i> , 2020, 41, 825-833.	0.9	9
5000	A Novel 2D Standard Cartesian Representation for the Human Sensorimotor Cortex. <i>Neuroinformatics</i> , 2020, 18, 283-293.	1.5	1
5001	The relationship between maintenance and manipulation components of working memory and prefrontal and parietal brain regions in bipolar disorder. <i>Journal of Affective Disorders</i> , 2020, 264, 519-526.	2.0	7
5002	Rhinal and hippocampal contributions to spontaneous inter-item binding and verbal memory recall: Evidence from temporal lobe epilepsy. <i>Cortex</i> , 2020, 124, 204-216.	1.1	4
5003	Collective memory shapes the organization of individual memories in the medial prefrontal cortex. <i>Nature Human Behaviour</i> , 2020, 4, 189-200.	6.2	19
5004	Systemic Mitochondrial Oxidative Phosphorylation Protein Levels Correlate with Neuroimaging Measures in Chronically HIV-Infected Individuals. <i>AIDS Research and Human Retroviruses</i> , 2020, 36, 83-91.	0.5	8
5005	Chronic noncancer pain is not associated with accelerated brain aging as assessed by structural magnetic resonance imaging in patients treated in specialized outpatient clinics. <i>Pain</i> , 2020, 161, 641-650.	2.0	30
5006	Influence of Motor Deficiency and Spatial Neglect on the Contralesional Posterior Parietal Cortex Functional and Structural Connectivity in Stroke Patients. <i>Brain Topography</i> , 2020, 33, 176-190.	0.8	5
5007	Integrative and Network-Specific Connectivity of the Basal Ganglia and Thalamus Defined in Individuals. <i>Neuron</i> , 2020, 105, 742-758.e6.	3.8	148
5008	Group-level analysis of induced electric field in deep brain regions by different TMS coils. <i>Physics in Medicine and Biology</i> , 2020, 65, 025007.	1.6	17
5009	Associations Among Body Mass Index, Cortical Thickness, and Executive Function in Children. <i>JAMA Pediatrics</i> , 2020, 174, 170.	3.3	98
5010	Altered Gray Matter Structure and White Matter Microstructure in Patients with Congenital Adrenal Hyperplasia: Relevance for Working Memory Performance. <i>Cerebral Cortex</i> , 2020, 30, 2777-2788.	1.6	24
5011	Cortical thickness in childhood left focal epilepsy: Thinning beyond the seizure focus. <i>Epilepsy and Behavior</i> , 2020, 102, 106825.	0.9	10
5012	CSF sTREM2 and Tau Work Together in Predicting Increased Temporal Lobe Atrophy in Older Adults. <i>Cerebral Cortex</i> , 2020, 30, 2295-2306.	1.6	15
5013	Nucleus accumbens volume as a predictor of anxiety symptom improvement following CBT and SSRI treatment in two independent samples. <i>Neuropsychopharmacology</i> , 2020, 45, 561-569.	2.8	18

#	ARTICLE	IF	CITATIONS
5014	Altered structural brain network topology in chronic migraine. <i>Brain Structure and Function</i> , 2020, 225, 161-172.	1.2	21
5015	Computational errors of the induced electric field in voxelized and tetrahedral anatomical head models exposed to spatially uniform and localized magnetic fields. <i>Physics in Medicine and Biology</i> , 2020, 65, 015001.	1.6	25
5016	Significant group-level hotspots found in deep brain regions during transcranial direct current stimulation (tDCS): A computational analysis of electric fields. <i>Clinical Neurophysiology</i> , 2020, 131, 755-765.	0.7	43
5017	Correction of respiratory artifacts in MRI head motion estimates. <i>NeuroImage</i> , 2020, 208, 116400.	2.1	161
5018	Cortical auditory distance representation based on direct-to-reverberant energy ratio. <i>NeuroImage</i> , 2020, 208, 116436.	2.1	8
5019	Neurocognitive markers of childhood abuse in individuals with PTSD: Findings from the INTRuST Clinical Consortium. <i>Journal of Psychiatric Research</i> , 2020, 121, 108-117.	1.5	7
5020	Self-reported sleep relates to hippocampal atrophy across the adult lifespan: results from the Lifebrain consortium. <i>Sleep</i> , 2020, 43, .	0.6	53
5021	Maternal Interleukin-6 Is Associated With Macaque Offspring Amygdala Development and Behavior. <i>Cerebral Cortex</i> , 2020, 30, 1573-1585.	1.6	17
5022	Addiction severity modulates the precuneus involvement in internet gaming disorder: Functionality, morphology and effective connectivity. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 98, 109829.	2.5	18
5023	Duration of Untreated Psychosis Correlates With Brain Connectivity and Morphology in Medication-Naïve Patients With First-Episode Psychosis. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 231-238.	1.1	19
5024	Genetic effects on planum temporale asymmetry and their limited relevance to neurodevelopmental disorders, intelligence or educational attainment. <i>Cortex</i> , 2020, 124, 137-153.	1.1	26
5025	Denoising scanner effects from multimodal MRI data using linked independent component analysis. <i>NeuroImage</i> , 2020, 208, 116388.	2.1	32
5026	Automatic volumetry of cerebrospinal fluid and brain volume in severe paediatric hydrocephalus, implementation and clinical course after intervention. <i>Acta Neurochirurgica</i> , 2020, 162, 23-30.	0.9	6
5027	Visual analysis of automated segmentation in the diagnosis of focal cortical dysplasias with magnetic resonance imaging. <i>Epilepsy and Behavior</i> , 2020, 102, 106684.	0.9	6
5028	A prospective three-year follow-up study on the clinical significance of anti-neuronal antibodies in acute psychiatric disorders. <i>Scientific Reports</i> , 2020, 10, 35.	1.6	6
5029	Spatially and Temporally Distinct Encoding of Muscle and Kinematic Information in Rostral and Caudal Primary Motor Cortex. <i>Cerebral Cortex Communications</i> , 2020, 1, tga009.	0.7	5
5030	Choosing to view morbid information involves reward circuitry. <i>Scientific Reports</i> , 2020, 10, 15291.	1.6	20
5031	Edge-centric functional network representations of human cerebral cortex reveal overlapping system-level architecture. <i>Nature Neuroscience</i> , 2020, 23, 1644-1654.	7.1	167

#	ARTICLE	IF	CITATIONS
5032	Dysautonomia Is Linked to Striatal Dopamine Deficits and Regional Cerebral Perfusion in Early Parkinson Disease. <i>Clinical Nuclear Medicine</i> , 2020, 45, e342-e348.	0.7	10
5033	Effects of complement gene-set polygenic risk score on brain volume and cortical measures in patients with psychotic disorders and healthy controls. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2020, 183, 445-453.	1.1	6
5034	Age-related trends in neuromagnetic transient beta burst characteristics during a sensorimotor task and rest in the Cam-CAN open-access dataset. <i>NeuroImage</i> , 2020, 222, 117245.	2.1	14
5035	Subtyping schizophrenia based on symptomatology and cognition using a data driven approach. <i>Psychiatry Research - Neuroimaging</i> , 2020, 304, 111136.	0.9	1
5036	Influence of BDNF and MTHFR polymorphisms on hippocampal volume in first-episode psychosis. <i>Schizophrenia Research</i> , 2020, 223, 345-352.	1.1	8
5037	Dispersion of functional gradients across the adult lifespan. <i>NeuroImage</i> , 2020, 222, 117299.	2.1	123
5038	Infusion of donor feces affects the gut-brain axis in humans with metabolic syndrome. <i>Molecular Metabolism</i> , 2020, 42, 101076.	3.0	50
5039	Localization of deep brain activity with scalp and subdural EEG. <i>NeuroImage</i> , 2020, 223, 117344.	2.1	32
5040	Early stages of sensorimotor map acquisition: neurochemical signature in primary motor cortex and its relation to functional connectivity. <i>Journal of Neurophysiology</i> , 2020, 124, 1615-1624.	0.9	8
5041	Temporally and sex-specific effects of maternal perinatal stress on offspring cortical gyrification and mood in young adulthood. <i>Human Brain Mapping</i> , 2020, 41, 4866-4875.	1.9	11
5042	Sulcal morphology of ventral temporal cortex is shared between humans and other hominoids. <i>Scientific Reports</i> , 2020, 10, 17132.	1.6	29
5043	Comparison of Surface Area and Cortical Thickness Asymmetry in the Human and Chimpanzee Brain. <i>Cerebral Cortex</i> , 2020, , .	1.6	13
5044	Gray Matter Structural Alterations in Chronic and Episodic Migraine: A Morphometric Magnetic Resonance Imaging Study. <i>Pain Medicine</i> , 2020, 21, 2997-3011.	0.9	17
5045	Mental operations in rhythm: Motor-to-sensory transformation mediates imagined singing. <i>PLoS Biology</i> , 2020, 18, e3000504.	2.6	14
5046	SeSBAT: Single Subject Brain Analysis Toolbox. Application to Huntington's Disease as a Preliminary Study. <i>Frontiers in Systems Neuroscience</i> , 2020, 14, 488652.	1.2	0
5047	Structural Analysis of Brain Hub Region Volume and Cortical Thickness in Patients with Mild Cognitive Impairment and Dementia. <i>Medicina (Lithuania)</i> , 2020, 56, 497.	0.8	2
5048	Cortical abnormalities and identification for first-episode schizophrenia via high-resolution magnetic resonance imaging. <i>Biomarkers in Neuropsychiatry</i> , 2020, 3, 100022.	0.7	6
5049	On-scalp MEG SQUIDs are sensitive to early somatosensory activity unseen by conventional MEG. <i>NeuroImage</i> , 2020, 221, 117157.	2.1	14

#	ARTICLE	IF	CITATIONS
5050	A nocieresponsive specific area of human somatosensory cortex within BA3a: BA3c?. <i>NeuroImage</i> , 2020, 221, 117187.	2.1	9
5051	Motor fatigue is associated with asymmetric connectivity properties of the corticospinal tract in multiple sclerosis. <i>NeuroImage: Clinical</i> , 2020, 28, 102393.	1.4	5
5052	Hallucination-Specific structure-function associations in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2020, 305, 111171.	0.9	5
5053	Greater male than female variability in regional brain structure across the lifespan. <i>Human Brain Mapping</i> , 2022, 43, 470-499.	1.9	76
5054	Lateralized evoked responses in parietal cortex demonstrate visual short-term memory deficits in first-episode schizophrenia. <i>Journal of Psychiatric Research</i> , 2020, 130, 292-299.	1.5	7
5055	Distinct dimensions of emotion in the human brain and their representation on the cortical surface. <i>NeuroImage</i> , 2020, 222, 117258.	2.1	28
5056	Deep learning identifies morphological determinants of sex differences in the pre-adolescent brain. <i>NeuroImage</i> , 2020, 223, 117293.	2.1	22
5057	Age-related differences in myeloarchitecture measured at 7 T. <i>Neurobiology of Aging</i> , 2020, 96, 246-254.	1.5	6
5058	Brainstem alterations contribute to catatonia in schizophrenia spectrum disorders. <i>Schizophrenia Research</i> , 2020, 224, 82-87.	1.1	9
5059	Structural Brain Alterations in Female Survivors of Intimate Partner Violence. <i>Journal of Interpersonal Violence</i> , 2022, 37, NP4684-NP4717.	1.3	18
5060	Inter-subject pattern analysis for multivariate group analysis of functional neuroimaging. A unifying formalization. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 197, 105730.	2.6	2
5061	Group-level cortical surface parcellation with sulcal pits labeling. <i>Medical Image Analysis</i> , 2020, 66, 101749.	7.0	4
5062	Progressive brain atrophy and clinical evolution in Parkinson's disease. <i>NeuroImage: Clinical</i> , 2020, 28, 102374.	1.4	33
5063	<p><p>Atrophic Corpus Callosum Associated with Altered Functional Asymmetry in Major Depressive Disorder</p></p>. <i>Neuropsychiatric Disease and Treatment</i> , 2020, Volume 16, 1473-1482.	1.0	8
5064	Review on biophysical modelling and simulation studies for transcranial magnetic stimulation. <i>Physics in Medicine and Biology</i> , 2020, 65, 24TR03.	1.6	23
5065	Cerebrovascular Perfusion among Older Adults with and Without Cardiovascular Disease. <i>Journal of Neuroimaging</i> , 2020, 30, 851-856.	1.0	2
5066	Resilience and Vulnerability: Neurodevelopment of Very Preterm Children at Four Years of Age. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 219.	1.0	5
5067	Reduced Cortical Thickness in the Right Caudal Middle Frontal Is Associated With Symptom Severity in Betel Quid-Dependent Chewers. <i>Frontiers in Psychiatry</i> , 2020, 11, 654.	1.3	3



#	ARTICLE	IF	CITATIONS
5068	Causal Inference in Audiovisual Perception. <i>Journal of Neuroscience</i> , 2020, 40, 6600-6612.	1.7	19
5069	Diagnostic Ability of Structural Transcranial Sonography in Patients with Alzheimer's Disease. <i>Diagnostics</i> , 2020, 10, 471.	1.3	1
5070	Functional Magnetic Resonance Imaging Connectivity Accurately Distinguishes Cases With Psychotic Disorders From Healthy Controls, Based on Cortical Features Associated With Brain Network Development. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 1125-1134.	1.1	10
5071	External noise removed from magnetoencephalographic signal using independent component analyses of reference channels. <i>Journal of Neuroscience Methods</i> , 2020, 335, 108592.	1.3	5
5072	Somatosensory area 3b is selectively unaffected in corticobasal syndrome: combining MRI and histology. <i>Neurobiology of Aging</i> , 2020, 94, 89-100.	1.5	1
5073	Identifying a task-invariant cognitive reserve network using task potency. <i>NeuroImage</i> , 2020, 210, 116593.	2.1	12
5074	Topographic signatures of global object perception in human visual cortex. <i>NeuroImage</i> , 2020, 220, 116926.	2.1	12
5075	Fine particulate matter exposure during childhood relates to hemispheric-specific differences in brain structure. <i>Environment International</i> , 2020, 143, 105933.	4.8	65
5076	Frequency-Specific Resting Connectome in Bipolar Disorder: An MEG Study. <i>Frontiers in Psychiatry</i> , 2020, 11, 597.	1.3	7
5077	A common neural substrate for processing scenes and egomotion-compatible visual motion. <i>Brain Structure and Function</i> , 2020, 225, 2091-2110.	1.2	38
5078	Connectome Signatures of Hyperexcitation in Cognitively Intact Middle-Aged Female APOE- $\epsilon$ 4 Carriers. <i>Cerebral Cortex</i> , 2020, 30, 6350-6362.	1.6	11
5079	Field strength influences on gradient recalled echo MRI signal compartment frequency shifts. <i>Magnetic Resonance Imaging</i> , 2020, 70, 98-107.	1.0	1
5080	Extremely preterm children exhibit altered cortical thickness in language areas. <i>Scientific Reports</i> , 2020, 10, 10824.	1.6	17
5081	State-of-the-Art Traditional to the Machine- and Deep-Learning-Based Skull Stripping Techniques, Models, and Algorithms. <i>Journal of Digital Imaging</i> , 2020, 33, 1443-1464.	1.6	31
5082	Development and Validation of a Deep Learning-Based Automatic Brain Segmentation and Classification Algorithm for Alzheimer Disease Using 3D T1-Weighted Volumetric Images. <i>American Journal of Neuroradiology</i> , 2020, 41, 2227-2234.	1.2	37
5083	Natural bladder filling alters resting brain function at multiple spatial scales: a proof-of-concept MAPP Network Neuroimaging Study. <i>Scientific Reports</i> , 2020, 10, 19901.	1.6	11
5084	Network-based atrophy modeling in the common epilepsies: A worldwide ENIGMA study. <i>Science Advances</i> , 2020, 6, .	4.7	97
5085	Interaction of Age and Self-reported Physical Sports Activity on White Matter Hyperintensity Volume in Healthy Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 576025.	1.7	15

#	ARTICLE	IF	CITATIONS
5086	Predicting Working Memory Training Benefits From Transcranial Direct Current Stimulation Using Resting-State fMRI. <i>Frontiers in Psychology</i> , 2020, 11, 570030.	1.1	11
5087	A hidden menace? Cytomegalovirus infection is associated with reduced cortical gray matter volume in major depressive disorder. <i>Molecular Psychiatry</i> , 2021, 26, 4234-4244.	4.1	19
5088	Acute social isolation evokes midbrain craving responses similar to hunger. <i>Nature Neuroscience</i> , 2020, 23, 1597-1605.	7.1	133
5089	Long-Term Ambient Air Pollution Exposures and Brain Imaging Markers in Korean Adults: The Environmental Pollution-Induced Neurological Effects (EPINEF) Study. <i>Environmental Health Perspectives</i> , 2020, 128, 117006.	2.8	30
5090	Analysis of Interictal Epileptiform Discharges in Mesial Temporal Lobe Epilepsy Using Quantitative EEG and Neuroimaging. <i>Frontiers in Neurology</i> , 2020, 11, 569943.	1.1	3
5091	Structural and functional brain changes in hepatic and neurological Wilson disease. <i>Brain Imaging and Behavior</i> , 2021, 15, 2269-2282.	1.1	12
5092	Structural organization of the praxis network predicts gesture production: Evidence from healthy subjects and patients with schizophrenia. <i>Cortex</i> , 2020, 132, 322-333.	1.1	7
5093	Altered neurochemistry in the anterior white matter of bipolar children and adolescents: a multivoxel 1H MRS study. <i>Molecular Psychiatry</i> , 2021, 26, 4117-4126.	4.1	6
5094	Pandora: 4-D White Matter Bundle Population-Based Atlases Derived from Diffusion MRI Fiber Tractography. <i>Neuroinformatics</i> , 2021, 19, 447-460.	1.5	15
5095	Radiomics features of hippocampal regions in magnetic resonance imaging can differentiate medial temporal lobe epilepsy patients from healthy controls. <i>Scientific Reports</i> , 2020, 10, 19567.	1.6	18
5096	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
5097	Functional disconnection between subsystems of the default mode network in schizophrenia. <i>Psychological Medicine</i> , 2022, 52, 2270-2280.	2.7	12
5099	RAVE: Comprehensive open-source software for reproducible analysis and visualization of intracranial EEG data. <i>NeuroImage</i> , 2020, 223, 117341.	2.1	15
5100	Visualization of Brain Statistics With R Packages <i>ggseg</i> and <i>ggseg3d</i> . <i>Advances in Methods and Practices in Psychological Science</i> , 2020, 3, 466-483.	5.4	135
5101	Shared Neural Substrates Underlying Reading and Visual Matching: A Longitudinal Investigation. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 567541.	1.0	5
5102	Revisiting potential associations between brain morphology, fear acquisition and extinction through new data and a literature review. <i>Scientific Reports</i> , 2020, 10, 19894.	1.6	8
5103	The Influence of Aging, Hearing, and Tinnitus on the Morphology of Cortical Gray Matter, Amygdala, and Hippocampus. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 553461.	1.7	22
5104	Association of MRI Measures With Disease Severity and Progression in Progressive Supranuclear Palsy. <i>Frontiers in Neurology</i> , 2020, 11, 603161.	1.1	8

#	ARTICLE	IF	CITATIONS
5105	White Matter Hyperintensity Burden Is Associated With Hippocampal Subfield Volume in Stroke. <i>Frontiers in Neurology</i> , 2020, 11, 588883.	1.1	6
5106	Responses to Visual Speech in Human Posterior Superior Temporal Gyrus Examined with iEEG Deconvolution. <i>Journal of Neuroscience</i> , 2020, 40, 6938-6948.	1.7	11
5107	Deficits in ascending and descending pain modulation pathways in patients with postherpetic neuralgia. <i>NeuroImage</i> , 2020, 221, 117186.	2.1	38
5108	Migraine with aura in women is not associated with structural thalamic abnormalities. <i>NeuroImage: Clinical</i> , 2020, 28, 102361.	1.4	10
5109	A data resource from concurrent intracranial stimulation and functional MRI of the human brain. <i>Scientific Data</i> , 2020, 7, 258.	2.4	13
5110	Cortical and subcortical changes following sphenopalatine ganglion blocks in chronic migraine with medication overuse headache: a preliminary longitudinal study. <i>Women's Midlife Health</i> , 2020, 6, 7.	0.5	7
5111	Reliable estimation of membrane curvature for cryo-electron tomography. <i>PLoS Computational Biology</i> , 2020, 16, e1007962.	1.5	23
5112	“No Pain No Gain”: Evidence from a Parcel-Wise Brain Morphometry Study on the Volitional Quality of Elite Athletes. <i>Brain Sciences</i> , 2020, 10, 459.	1.1	6
5113	Specific cortical and subcortical alterations for reactive and proactive aggression in children and adolescents with disruptive behavior. <i>NeuroImage: Clinical</i> , 2020, 27, 102344.	1.4	13
5114	Distinct auditory and visual tool regions with multisensory response properties in human parietal cortex. <i>Progress in Neurobiology</i> , 2020, 195, 101889.	2.8	3
5115	A Distinct Brain-Gut Microbiome Profile Exists for Females with Obesity and Food Addiction. <i>Obesity</i> , 2020, 28, 1477-1486.	1.5	43
5116	Refining Planning for Stereoelectroencephalography: A Prospective Validation of Spatial Priors for Computer-Assisted Planning With Application of Dynamic Learning. <i>Frontiers in Neurology</i> , 2020, 11, 706.	1.1	4
5117	Decreased cortical thickness of left premotor cortex as a treatment predictor in major depressive disorder. <i>Brain Imaging and Behavior</i> , 2021, 15, 1420-1426.	1.1	6
5118	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
5119	Alterations of Heartbeat Evoked Magnetic Fields Induced by Sounds of Disgust. <i>Frontiers in Psychiatry</i> , 2020, 11, 683.	1.3	5
5120	Hippocampal Representation of Threat Features and Behavior in a Human Approach-Avoidance Conflict Anxiety Task. <i>Journal of Neuroscience</i> , 2020, 40, 6748-6758.	1.7	10
5121	Early Diagnosis of Mild Cognitive Impairment Based on Eye Movement Parameters in an Aging Chinese Population. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 221.	1.7	15
5122	Julich-Brain: A 3D probabilistic atlas of the human brain's cytoarchitecture. <i>Science</i> , 2020, 369, 988-992.	6.0	246

#	ARTICLE	IF	CITATIONS
5123	Brain regions vulnerable and resistant to aging without Alzheimer's disease. PLoS ONE, 2020, 15, e0234255.	1.1	26
5124	Relationship between parenthood and cortical thickness in late adulthood. PLoS ONE, 2020, 15, e0236031.	1.1	31
5125	AD risk score for the early phases of disease based on unsupervised machine learning. Alzheimer's and Dementia, 2020, 16, 1524-1533.	0.4	19
5126	Network, clinical and sociodemographic features of cognitive phenotypes in temporal lobe epilepsy. NeuroImage: Clinical, 2020, 27, 102341.	1.4	43
5127	Machine learning-based estimation of cognitive performance using regional brain MRI markers: the Northern Manhattan Study. Brain Imaging and Behavior, 2020, 15, 1270-1278.	1.1	2
5128	Effects of l-theanine+caffeine combination on sustained attention and inhibitory control among children with ADHD: a proof-of-concept neuroimaging RCT. Scientific Reports, 2020, 10, 13072.	1.6	14
5129	Imaging correlates of visual function in multiple sclerosis. PLoS ONE, 2020, 15, e0235615.	1.1	5
5130	Testing relationships between multimodal modes of brain structural variation and age, sex and polygenic scores for neuroticism in children and adolescents. Translational Psychiatry, 2020, 10, 251.	2.4	3
5131	Assessment of cognitive and neural recovery in survivors of pediatric brain tumors in a pilot clinical trial using metformin. Nature Medicine, 2020, 26, 1285-1294.	15.2	65
5132	Disentangling white-matter damage from physiological fibre orientation dispersion in multiple sclerosis. Brain Communications, 2020, 2, fcaa077.	1.5	55
5133	Familial language network vulnerability in primary progressive aphasia. Neurology, 2020, 95, e847-e855.	1.5	17
5134	The TRACK-PD study: protocol of a longitudinal ultra-high field imaging study in Parkinson's disease. BMC Neurology, 2020, 20, 292.	0.8	9
5135	Passive, yet not inactive: robotic exoskeleton walking increases cortical activation dependent on task. Journal of NeuroEngineering and Rehabilitation, 2020, 17, 107.	2.4	13
5136	Cortical-Subcortical morphometric signature of hot water epilepsy patients. Epilepsy Research, 2020, 167, 106436.	0.8	2
5137	Broadband slow-wave modulation in posterior and anterior cortex tracks distinct states of propofol-induced unconsciousness. Scientific Reports, 2020, 10, 13701.	1.6	17
5138	Semantic segmentation of cerebrospinal fluid and brain volume with a convolutional neural network in pediatric hydrocephalus—transfer learning from existing algorithms. Acta Neurochirurgica, 2020, 162, 2463-2474.	0.9	18
5139	Neuroanatomical Features of the Brain in Juvenile Shiftlike Schizophrenia: Morphometry of the Gray Matter of the Prefrontal Cortex and Subcortical Structures. Neuroscience and Behavioral Physiology, 2020, 50, 541-545.	0.2	1
5140	Multi-Channel Deep Neural Network For Temporal Lobe Epilepsy Classification Using Multimodal Mri Data. , 2020, , .		5

#	ARTICLE	IF	CITATIONS
5141	Predicting alcohol dependence from <sc>multi-site</sc> brain structural measures. <i>Human Brain Mapping</i> , 2022, 43, 555-565.	1.9	11
5142	What cortical areas are responsible for blindsight in hemianopic patients?. <i>Cortex</i> , 2020, 132, 113-134.	1.1	10
5143	Hippocampus and Parahippocampus Volume Reduction Associated With Impaired Olfactory Abilities in Subjects Without Evidence of Cognitive Decline. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 556519.	1.0	13
5144	Does cortical brain morphology act as a mediator between childhood trauma and transition to psychosis in young individuals at ultra-high risk?. <i>Schizophrenia Research</i> , 2020, 224, 116-125.	1.1	9
5145	Language prediction mechanisms in human auditory cortex. <i>Nature Communications</i> , 2020, 11, 5240.	5.8	55
5146	Autism classified by magnetic resonance imaging: A pilot study of a potential diagnostic tool. <i>International Journal of Methods in Psychiatric Research</i> , 2020, 29, 1-18.	1.1	9
5147	Exploring the performance of outcome measures in MS for predicting cognitive and clinical progression in the following years. <i>Multiple Sclerosis and Related Disorders</i> , 2020, 46, 102513.	0.9	6
5148	Brain Amyloid Burden and Resting-State Functional Connectivity in Late Middle-Aged Hispanics. <i>Frontiers in Neurology</i> , 2020, 11, 529930.	1.1	8
5149	Cortical gyrification and its relationships with molecular measures and cognition in children with the FMR1 premutation. <i>Scientific Reports</i> , 2020, 10, 16059.	1.6	3
5150	Transcranial Focused Ultrasound Neuromodulation of Voluntary Movement-Related Cortical Activity in Humans. <i>IEEE Transactions on Biomedical Engineering</i> , 2021, 68, 1923-1931.	2.5	28
5151	The Prevalence of Mild Cognitive Impairment in a Convenience Sample of 202 Gulf War Veterans. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7158.	1.2	8
5152	Prediction of clinical and biomarker conformed Alzheimer's disease and mild cognitive impairment from multi-feature brain structural MRI using age-correction from a large independent lifespan sample. <i>NeuroImage: Clinical</i> , 2020, 28, 102387.	1.4	9
5153	Asphyxia at birth affects brain structure in patients on the schizophrenia-bipolar disorder spectrum and healthy participants. <i>Psychological Medicine</i> , 2022, 52, 1050-1059.	2.7	11
5154	Orbitofrontal cortex volume links polygenic risk for smoking with tobacco use in healthy adolescents. <i>Psychological Medicine</i> , 2022, 52, 1175-1182.	2.7	3
5155	Hippocampal subfield volumes are nonspecifically reduced in premature-born adults. <i>Human Brain Mapping</i> , 2020, 41, 5215-5227.	1.9	16
5156	Structural Neural Correlates of Double Decision Performance in Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 278.	1.7	14
5157	Reduction of spontaneous cortical beta bursts in Parkinson's disease is linked to symptom severity. <i>Brain Communications</i> , 2020, 2, fcaa052.	1.5	26
5158	Recent advances of deep learning in psychiatric disorders. <i>Precision Clinical Medicine</i> , 2020, 3, 202-213.	1.3	16

#	ARTICLE	IF	CITATIONS
5159	Depth relationships and measures of tissue thickness in dorsal midbrain. <i>Human Brain Mapping</i> , 2020, 41, 5083-5096.	1.9	4
5160	An automated toolchain for quantitative characterisation of structural connectome from MRI based on non-anatomical cortical parcellation*. , 2020, 2020, 5653-5656.		0
5161	Gray Matter Differences Between Premature Pubertal Girls With and Without the Reactivation of the Hypothalamicâ€”Pituitary-Gonadal Axis. <i>Frontiers in Psychiatry</i> , 2020, 11, 784.	1.3	0
5162	Investigating cerebellar neural function in schizophrenia using delay eyeblink conditioning: A pilot fMRI study. <i>Psychiatry Research - Neuroimaging</i> , 2020, 304, 111133.	0.9	4
5163	Cerebra, registration and manual label correction of Mindboggle-101 atlas for MNI-HCBM152 template. <i>Scientific Data</i> , 2020, 7, 237.	2.4	43
5164	Cortical Thinning and Ventricle Enlargement in Neuromyelitis Optica Spectrum Disorders. <i>Frontiers in Neurology</i> , 2020, 11, 872.	1.1	7
5165	Reduced cortical thickness in World Trade Center responders with cognitive impairment. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020, 12, e12059.	1.2	19
5166	Elimination of lowâ€”inversionâ€”efficiency induced artifacts in wholeâ€”brain MP2RAGE using multiple RFâ€”shim configurations at 7 T. <i>NMR in Biomedicine</i> , 2020, 33, e4387.	1.6	1
5167	Electroencephalographic and Neuroimaging Asymmetry Correlation in Patients with Attention-Deficit Hyperactivity Disorder. <i>Neural Plasticity</i> , 2020, 2020, 1-9.	1.0	4
5168	The effects of nicotine and cannabis co-use during adolescence and young adulthood on white matter cerebral blood flow estimates. <i>Psychopharmacology</i> , 2020, 237, 3615-3624.	1.5	11
5169	Type 2 Diabetes Mellitus May Exacerbate Gray Matter Atrophy in Patients With Early-Onset Mild Cognitive Impairment. <i>Frontiers in Neuroscience</i> , 2020, 14, 856.	1.4	18
5170	Testosterone and Resting State Connectivity of the Parahippocampal Gyus in Men With History of Deployment-Related Mild Traumatic Brain Injury. <i>Military Medicine</i> , 2020, 185, e1750-e1758.	0.4	3
5171	Early brain biomarkers of post-traumatic seizures: initial report of the multicentre epilepsy bioinformatics study for antiepileptogenic therapy (EpiBioS4Rx) prospective study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 1154-1157.	0.9	18
5172	The Functional Organization of High-Level Visual Cortex Determines the Representation of Complex Visual Stimuli. <i>Journal of Neuroscience</i> , 2020, 40, 7545-7558.	1.7	16
5173	Different brain profiles in children with prenatal alcohol exposure with or without early adverse exposures. <i>Human Brain Mapping</i> , 2020, 41, 4375-4385.	1.9	25
5174	Regional Cerebral Associations Between Psychometric Tests and Imaging Biomarkers in Alzheimerâ€™s Disease. <i>Frontiers in Psychiatry</i> , 2020, 11, 793.	1.3	7
5175	Reduced Dorsal Visual Oscillatory Activity During Working Memory Maintenance in the First-Episode Schizophrenia Spectrum. <i>Frontiers in Psychiatry</i> , 2020, 11, 743.	1.3	6
5176	Cerebrovascular disease promotes tau pathology in Alzheimerâ€™s disease. <i>Brain Communications</i> , 2020, 2, fcaa132.	1.5	46

#	ARTICLE	IF	CITATIONS
5177	A normative modelling approach reveals age-atypical cortical thickness in a subgroup of males with autism spectrum disorder. <i>Communications Biology</i> , 2020, 3, 486.	2.0	57
5178	Convergence Along the Visual Hierarchy Is Altered in Posterior Cortical Atrophy. , 2020, 61, 8.		2
5179	Thalamic Nuclei Volumes in Psychotic Disorders and in Youths With Psychosis Spectrum Symptoms. <i>American Journal of Psychiatry</i> , 2020, 177, 1159-1167.	4.0	31
5180	Serum BDNF levels correlate with regional cortical thickness in minor depression: a pilot study. <i>Scientific Reports</i> , 2020, 10, 14524.	1.6	9
5181	The Aging Slopes of Brain Structures Vary by Ethnicity and Sex: Evidence From a Large Magnetic Resonance Imaging Dataset From a Single Scanner of Cognitively Healthy Elderly People in Korea. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 233.	1.7	17
5182	Microstructural Alterations Analogous to Accelerated Aging of the Cerebral Cortex in Carotid Occlusive Disease. <i>Clinical Neuroradiology</i> , 2021, 31, 709-720.	1.0	3
5184	A multimodal computational pipeline for 3D histology of the human brain. <i>Scientific Reports</i> , 2020, 10, 13839.	1.6	21
5185	Effect of Electrical Conductivity Uncertainty in the Assessment of the Electric Fields Induced in the Brain by Exposure to Uniform Magnetic Fields at 50 Hz. <i>IEEE Access</i> , 2020, 8, 222297-222309.	2.6	11
5186	Brain morphometry in 22q11.2 deletion syndrome: an exploration of differences in cortical thickness, surface area, and their contribution to cortical volume. <i>Scientific Reports</i> , 2020, 10, 18845.	1.6	6
5187	APOE- $\epsilon$ 4-related differences in left thalamic microstructure in cognitively healthy adults. <i>Scientific Reports</i> , 2020, 10, 19787.	1.6	8
5188	Cellular correlates of cortical thinning throughout the lifespan. <i>Scientific Reports</i> , 2020, 10, 21803.	1.6	80
5189	The human primary somatosensory cortex encodes imagined movement in the absence of sensory information. <i>Communications Biology</i> , 2020, 3, 757.	2.0	18
5190	Asymmetric influence measure for high dimensional regression. <i>Communications in Statistics - Theory and Methods</i> , 2020, , 1-27.	0.6	1
5191	Structural and Functional Connectivity of Visual Cortex in Schizophrenia and Bipolar Disorder: A Graph-Theoretic Analysis. <i>Schizophrenia Bulletin Open</i> , 2020, 1, sgaa056.	0.9	10
5192	Combining Gamma With Alpha and Beta Power Modulation for Enhanced Cortical Mapping in Patients With Focal Epilepsy. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 555054.	1.0	2
5193	Distinct effects of beta-amyloid and tau on cortical thickness in cognitively healthy older adults. <i>Alzheimer's and Dementia</i> , 2021, 17, 1085-1096.	0.4	34
5194	LesionQuant for Assessment of MRI in Multiple Sclerosis – A Promising Supplement to the Visual Scan Inspection. <i>Frontiers in Neurology</i> , 2020, 11, 546744.	1.1	9
5195	Prefrontal Cortex and Amygdala Subregion Morphology Are Associated With Obesity and Dietary Self-control in Children and Adolescents. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 563415.	1.0	16

#	ARTICLE	IF	CITATIONS
5196	Altered functional connectivity of cortical networks in semantic variant Primary Progressive Aphasia. <i>NeuroImage: Clinical</i> , 2020, 28, 102494.	1.4	10
5197	Anatomical correlates of face patches in macaque inferotemporal cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 32667-32678.	3.3	18
5198	Folding drives cortical thickness variations. <i>European Physical Journal: Special Topics</i> , 2020, 229, 2757-2778.	1.2	9
5199	Damage in the Thalamocortical Tracts is Associated With Subsequent Thalamus Atrophy in Early Multiple Sclerosis. <i>Frontiers in Neurology</i> , 2020, 11, 575611.	1.1	6
5200	An fMRI dataset in response to "The Grand Budapest Hotel", a socially-rich, naturalistic movie. <i>Scientific Data</i> , 2020, 7, 383.	2.4	28
5201	Brain Oscillatory Activity during Tactile Stimulation Correlates with Cortical Thickness of Intact Areas and Predicts Outcome in Post-Traumatic Comatose Patients. <i>Brain Sciences</i> , 2020, 10, 720.	1.1	5
5202	Localised Grey Matter Atrophy in Multiple Sclerosis and Clinically Isolated Syndrome: A Coordinate-Based Meta-Analysis, Meta-Analysis of Networks, and Meta-Regression of Voxel-Based Morphometry Studies. <i>Brain Sciences</i> , 2020, 10, 798.	1.1	7
5203	Impact of pretreatment interhemispheric hippocampal asymmetry on improvement in verbal learning following erythropoietin treatment in mood disorders: a randomized controlled trial. <i>Journal of Psychiatry and Neuroscience</i> , 2020, 45, 198-205.	1.4	5
5204	<i>CACNA1C</i> polymorphism and brain cortical structure in bipolar disorder. <i>Journal of Psychiatry and Neuroscience</i> , 2020, 45, 182-187.	1.4	10
5205	Whole brain volume and cortical thickness abnormalities in Wilson's disease: a clinical correlation study. <i>Brain Imaging and Behavior</i> , 2021, 15, 1778-1787.	1.1	8
5206	Interactive effects of gender and sexual orientation on cortical thickness, surface area and gray matter volume: a structural brain MRI study. <i>Quantitative Imaging in Medicine and Surgery</i> , 2020, 10, 835-846.	1.1	9
5207	Impaired orthostatic heart rate recovery is associated with smaller thalamic volume: Results from The Irish Longitudinal Study on Aging (TILDA). <i>Human Brain Mapping</i> , 2020, 41, 3370-3378.	1.9	5
5208	Automation Advances in Stereoelectroencephalography Planning. <i>Neurosurgery Clinics of North America</i> , 2020, 31, 407-419.	0.8	6
5209	Comparison of beamformer implementations for MEG source localization. <i>NeuroImage</i> , 2020, 216, 116797.	2.1	48
5210	Impulsivity Relates to Relative Preservation of Mesolimbic Connectivity in Patients with Parkinson Disease. <i>NeuroImage: Clinical</i> , 2020, 27, 102259.	1.4	4
5211	TMS activation site estimation using multiscale realistic head models. <i>Journal of Neural Engineering</i> , 2020, 17, 036004.	1.8	16
5212	Serum triglycerides in Alzheimer disease. <i>Neurology</i> , 2020, 94, e2088-e2098.	1.5	63
5213	Age influences structural brain restoration during weight gain therapy in anorexia nervosa. <i>Translational Psychiatry</i> , 2020, 10, 126.	2.4	21



#	ARTICLE	IF	CITATIONS
5214	The social brain in female autism: a structural imaging study of twins. <i>Social Cognitive and Affective Neuroscience</i> , 2020, 15, 423-436.	1.5	15
5215	Oxidized Products of Omega-6 and Omega-3 Long Chain Fatty Acids Are Associated with Increased White Matter Hyperintensity and Poorer Executive Function Performance in a Cohort of Cognitively Normal Hypertensive Older Adults. <i>Journal of Alzheimer's Disease</i> , 2020, 74, 65-77.	1.2	25
5216	Methylphenidate Effects on Cortical Thickness in Children and Adults with Attention-Deficit/Hyperactivity Disorder: A Randomized Clinical Trial. <i>American Journal of Neuroradiology</i> , 2020, 41, 758-765.	1.2	11
5217	Patterns of Cortical Folding Associated with Autistic Symptoms in Carriers and Noncarriers of the 22q11.2 Microdeletion. <i>Cerebral Cortex</i> , 2020, 30, 5281-5292.	1.6	3
5218	Evaluating White Matter Lesion Segmentations with Refined Sørensen-Dice Analysis. <i>Scientific Reports</i> , 2020, 10, 8242.	1.6	94
5219	An automated machine learning approach to predict brain age from cortical anatomical measures. <i>Human Brain Mapping</i> , 2020, 41, 3555-3566.	1.9	29
5220	Dynamic functional connectivity between nucleus accumbens and the central executive network relates to chronic cannabis use. <i>Human Brain Mapping</i> , 2020, 41, 3637-3654.	1.9	8
5221	Retrospective rigid motion correction of three-dimensional magnetic resonance fingerprinting of the human brain. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 2606-2615.	1.9	23
5222	Investigating the Added Value of FreeSurfer's Manual Editing Procedure for the Study of the Reading Network in a Pediatric Population. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 143.	1.0	17
5223	The Use of a Virtual Reality Platform for the Assessment of the Memory Decline and the Hippocampal Neural Injury in Subjects with Mild Cognitive Impairment: The Validity of Smart Aging Serious Game (SASG). <i>Journal of Clinical Medicine</i> , 2020, 9, 1355.	1.0	23
5224	Detection of interictal epileptiform discharges: A comparison of on-scalp MEG and conventional MEG measurements. <i>Clinical Neurophysiology</i> , 2020, 131, 1711-1720.	0.7	11
5225	Regional Associations of Cortical Thickness With Gait Variability—The Tasmanian Study of Cognition and Gait. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 1537-1544.	1.7	12
5226	Functional Connectivity and Structural Disruption in the Default-Mode Network Predicts Cognitive Rehabilitation Outcomes in Multiple Sclerosis. <i>Journal of Neuroimaging</i> , 2020, 30, 523-530.	1.0	21
5227	Integrating Convolutional Neural Networks and Multi-Task Dictionary Learning for Cognitive Decline Prediction with Longitudinal Images. <i>Journal of Alzheimer's Disease</i> , 2020, 75, 971-992.	1.2	9
5228	Effects of Environmental Change on Travelers' Sleep Health: Identifying Risk and Protective Factors. <i>Frontiers in Psychology</i> , 2020, 11, 724.	1.1	2
5229	Magnetic Resonance Imaging Biomarkers Distinguish Normal Pressure Hydrocephalus From Progressive Supranuclear Palsy. <i>Movement Disorders</i> , 2020, 35, 1406-1415.	2.2	31
5230	A Multi-Ligand Imaging Study Exploring GABAergic Receptor Expression and Inflammation in Multiple Sclerosis. <i>Molecular Imaging and Biology</i> , 2020, 22, 1600-1608.	1.3	5
5231	Leveraging shared connectivity to aggregate heterogeneous datasets into a common response space. <i>NeuroImage</i> , 2020, 217, 116865.	2.1	26

#	ARTICLE	IF	CITATIONS
5232	Structural Analysis of Glaucoma Brain and its Association With Ocular Parameters. <i>Journal of Glaucoma</i> , 2020, 29, 393-400.	0.8	6
5233	Determinants of Treatment Response in Painful Diabetic Peripheral Neuropathy: A Combined Deep Sensory Phenotyping and Multimodal Brain MRI Study. <i>Diabetes</i> , 2020, 69, 1804-1814.	0.3	20
5234	Cortical thickness computation by solving tetrahedron-based harmonic field. <i>Computers in Biology and Medicine</i> , 2020, 120, 103727.	3.9	0
5235	Accuracy and spatial properties of distributed magnetic source imaging techniques in the investigation of focal epilepsy patients. <i>Human Brain Mapping</i> , 2020, 41, 3019-3033.	1.9	37
5236	Parsing differences in amygdala volume among individuals with and without social and generalized anxiety disorders across the lifespan. <i>Journal of Psychiatric Research</i> , 2020, 128, 83-89.	1.5	15
5237	Cognitive and Clinical Predictors of Prefrontal Cortical Thickness Change Following First-Episode of Psychosis. <i>Psychiatry Research - Neuroimaging</i> , 2020, 302, 111100.	0.9	10
5238	Association between cortical volume and gray-white matter contrast with second generation antipsychotic medication exposure in first episode male schizophrenia patients. <i>Schizophrenia Research</i> , 2020, 222, 397-410.	1.1	10
5239	Frontal-executive and corticolimbic structural brain circuitry in older people with remitted depression, mild cognitive impairment, Alzheimer's dementia, and normal cognition. <i>Neuropsychopharmacology</i> , 2020, 45, 1567-1578.	2.8	14
5240	Encoding Human Cortex Using Spherical CNNs - A Study on Alzheimer's Disease Classification. , 2020, , .		4
5241	Realistic modeling of mesoscopic ephaptic coupling in the human brain. <i>PLoS Computational Biology</i> , 2020, 16, e1007923.	1.5	18
5242	Older, non-demented apolipoprotein $\mu$ 4 carrier males show hyperactivation and structural differences in odor memory regions: a blood-oxygen-level-dependent and structural magnetic resonance imaging study. <i>Neurobiology of Aging</i> , 2020, 93, 25-34.	1.5	4
5243	Morphological changes in secondary, but not primary, sensory cortex in individuals with life-long olfactory sensory deprivation. <i>NeuroImage</i> , 2020, 218, 117005.	2.1	19
5244	Axonal damage in the optic radiation assessed by white matter tract integrity metrics is associated with retinal thinning in multiple sclerosis. <i>NeuroImage: Clinical</i> , 2020, 27, 102293.	1.4	14
5245	A map of object space in primate inferotemporal cortex. <i>Nature</i> , 2020, 583, 103-108.	13.7	183
5246	Sex Differences in Variability of Brain Structure Across the Lifespan. <i>Cerebral Cortex</i> , 2020, 30, 5420-5430.	1.6	33
5247	Hippocampal glutamate and hippocampus subfield volumes in antipsychotic-naïve first episode psychosis subjects and relationships to duration of untreated psychosis. <i>Translational Psychiatry</i> , 2020, 10, 137.	2.4	38
5248	Characteristics of gray matter alterations in never-treated and treated chronic schizophrenia patients. <i>Translational Psychiatry</i> , 2020, 10, 136.	2.4	36
5249	Cortical remodelling in childhood is associated with genes enriched for neurodevelopmental disorders. <i>NeuroImage</i> , 2020, 215, 116803.	2.1	37

#	ARTICLE	IF	CITATIONS
5250	A probabilistic atlas of finger dominance in the primary somatosensory cortex. <i>NeuroImage</i> , 2020, 217, 116880.	2.1	18
5251	Greater Individual Variability in Functional Brain Activity during Working Memory Performance in young people with Autism and Executive Function Impairment. <i>NeuroImage: Clinical</i> , 2020, 27, 102260.	1.4	13
5252	Multiparametric mapping of white matter microstructure in catatonia. <i>Neuropsychopharmacology</i> , 2020, 45, 1750-1757.	2.8	44
5253	Informed feature regularization in voxelwise modeling for naturalistic fMRI experiments. <i>European Journal of Neuroscience</i> , 2020, 52, 3394-3410.	1.2	1
5254	Dynamic Stimulation of Visual Cortex Produces Form Vision in Sighted and Blind Humans. <i>Cell</i> , 2020, 181, 774-783.e5.	13.5	137
5255	Differences in brain morphometry associated with creative performance in high- and average-creative achievers. <i>NeuroImage</i> , 2020, 218, 116921.	2.1	6
5256	Amygdalar nuclei and hippocampal subfields on MRI: Test-retest reliability of automated volumetry across different MRI sites and vendors. <i>NeuroImage</i> , 2020, 218, 116932.	2.1	38
5257	The brain in a box: A toolbox for creating Cartesian geometric representations with isometric dimensions (Cgrids). <i>Journal of Neuroscience Methods</i> , 2020, 339, 108738.	1.3	0
5258	Increased power by harmonizing structural MRI site differences with the ComBat batch adjustment method in ENIGMA. <i>NeuroImage</i> , 2020, 218, 116956.	2.1	135
5259	Cortical surface area of the left frontal pole is associated with visuospatial working memory capacity. <i>Neuropsychologia</i> , 2020, 143, 107486.	0.7	5
5260	Cross-sectional and longitudinal differences in peak skeletonized white matter mean diffusivity in cerebral amyloid angiopathy. <i>NeuroImage: Clinical</i> , 2020, 27, 102280.	1.4	25
5261	Apparent diffusion coefficient estimates based on 24 hours tracer movement support glymphatic transport in human cerebral cortex. <i>Scientific Reports</i> , 2020, 10, 9176.	1.6	51
5262	Progressive Memory Circuit Impairments along with Alzheimer's Disease Neuropathology Spread: Evidence from in vivo Neuroimaging. <i>Cerebral Cortex</i> , 2020, 30, 5863-5873.	1.6	6
5263	Automatic Labeling of Cortical Sulci Using Spherical Convolutional Neural Networks in a Developmental Cohort. , 2020, 2020, 412-415.		6
5264	Generalization of deep learning models for ultra-low-count amyloid PET/MRI using transfer learning. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 2998-3007.	3.3	29
5265	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
5266	Transdiagnostic subtyping of males with developmental disorders using cortical characteristics. <i>NeuroImage: Clinical</i> , 2020, 27, 102288.	1.4	9
5267	Pre-trained MRI-based Alzheimer's disease classification models to classify memory clinic patients. <i>NeuroImage: Clinical</i> , 2020, 27, 102303.	1.4	4

#	ARTICLE	IF	CITATIONS
5268	On the use of time division multiplexing to improve electrical brain stimulation focality. <i>Biomedical Signal Processing and Control</i> , 2020, 61, 102048.	3.5	2
5269	In vivo observation and biophysical interpretation of time-dependent diffusion in human cortical gray matter. <i>NeuroImage</i> , 2020, 222, 117054.	2.1	48
5270	Personality and local brain structure: Their shared genetic basis and reproducibility. <i>NeuroImage</i> , 2020, 220, 117067.	2.1	24
5271	Medial temporal atrophy in preclinical dementia: Visual and automated assessment during six year follow-up. <i>NeuroImage: Clinical</i> , 2020, 27, 102310.	1.4	10
5272	Brain dynamics for confidence-weighted learning. <i>PLoS Computational Biology</i> , 2020, 16, e1007935.	1.5	28
5273	Uncinate fasciculus and word selection processing in Parkinson's disease. <i>Neuropsychologia</i> , 2020, 146, 107504.	0.7	12
5274	Gray Matter Structure Is Associated with Reading Skill in Typically Developing Young Readers. <i>Cerebral Cortex</i> , 2020, 30, 5449-5459.	1.6	14
5275	Reduced hippocampal volume in adolescents with psychotic experiences: A longitudinal population-based study. <i>PLoS ONE</i> , 2020, 15, e0233670.	1.1	14
5276	HSV-1-Specific IgG3 Titers Correlate with Brain Cortical Thinning in Individuals with Mild Cognitive Impairment and Alzheimer's Disease. <i>Vaccines</i> , 2020, 8, 255.	2.1	10
5277	Frontoparietal structural properties mediate adult life span differences in executive function. <i>Scientific Reports</i> , 2020, 10, 9066.	1.6	15
5278	First-Trimester Prenatal Dexamethasone Treatment Is Associated With Alterations in Brain Structure at Adult Age. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 2575-2586.	1.8	20
5279	DeepDTI: High-fidelity six-direction diffusion tensor imaging using deep learning. <i>NeuroImage</i> , 2020, 219, 117017.	2.1	63
5280	Spontaneous MEG activity of the cerebral cortex during eyes closed and open discriminates Alzheimer's disease from cognitively normal older adults. <i>Scientific Reports</i> , 2020, 10, 9132.	1.6	10
5281	Predicting individual improvement in schizophrenia symptom severity at 1-year follow-up: Comparison of connectomic, structural, and clinical predictors. <i>Human Brain Mapping</i> , 2020, 41, 3342-3357.	1.9	10
5282	Associations of Air Pollution and Noise with Local Brain Structure in a Cohort of Older Adults. <i>Environmental Health Perspectives</i> , 2020, 128, 67012.	2.8	27
5283	Intact Auditory Cortical Cross-Frequency Coupling in Early and Chronic Schizophrenia. <i>Frontiers in Psychiatry</i> , 2020, 11, 507.	1.3	18
5284	Postmortem investigation of a human cortical visual prosthesis that was implanted for 36 years. <i>Journal of Neural Engineering</i> , 2020, 17, 045010.	1.8	5
5285	Evidence for Reciprocal Structural Network Interactions Between Bilateral Crus Lobes and Broca's Complex. <i>Frontiers in Neuroanatomy</i> , 2020, 14, 27.	0.9	3

#	ARTICLE	IF	CITATIONS
5286	Religious belief and cognitive conflict sensitivity: A preregistered fMRI study. <i>Cortex</i> , 2020, 129, 247-265.	1.1	10
5287	Adolescents at clinical high risk for psychosis show qualitatively altered patterns of activation during rule learning. <i>NeuroImage: Clinical</i> , 2020, 27, 102286.	1.4	1
5288	The presubiculum links incipient amyloid and tau pathology to memory function in older persons. <i>Neurology</i> , 2020, 94, e1916-e1928.	1.5	13
5289	Analysis of task-based functional MRI data preprocessed with fMRIPrep. <i>Nature Protocols</i> , 2020, 15, 2186-2202.	5.5	78
5290	Category Selectivity for Face and Scene Recognition in Human Medial Parietal Cortex. <i>Current Biology</i> , 2020, 30, 2707-2715.e3.	1.8	34
5291	Fitness Level Influences White Matter Microstructure in Postmenopausal Women. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 129.	1.7	8
5292	An Experimental Investigation of White Matter Venous Hemodynamics: Basic Physiology and Disruption in Neuroinflammatory Disease. <i>Frontiers in Neurology</i> , 2020, 11, 476.	1.1	0
5293	Effects of Independent Component Analysis on Magnetoencephalography Source Localization in Pre-surgical Frontal Lobe Epilepsy Patients. <i>Frontiers in Neurology</i> , 2020, 11, 479.	1.1	10
5294	Consciousness and the Dimensionality of DOC Patients via the Generalized Ising Model. <i>Journal of Clinical Medicine</i> , 2020, 9, 1342.	1.0	14
5295	CryptoDL: Predicting Dyslexia Biomarkers from Encrypted Neuroimaging Dataset Using Energy-Efficient Residue Number System and Deep Convolutional Neural Network. <i>Symmetry</i> , 2020, 12, 836.	1.1	14
5296	FastSurfer - A fast and accurate deep learning based neuroimaging pipeline. <i>NeuroImage</i> , 2020, 219, 117012.	2.1	229
5297	NeuroPycon: An open-source python toolbox for fast multi-modal and reproducible brain connectivity pipelines. <i>NeuroImage</i> , 2020, 219, 117020.	2.1	26
5298	Left posterior inferior parietal cortex causally supports the retrieval of action knowledge. <i>NeuroImage</i> , 2020, 219, 117041.	2.1	32
5299	Evidence against the "normalization" prediction of the early brain overgrowth hypothesis of autism. <i>Molecular Autism</i> , 2020, 11, 51.	2.6	16
5300	Altered structural cerebral cortex in children with Tourette syndrome. <i>European Journal of Radiology</i> , 2020, 129, 109119.	1.2	12
5301	Cingulate cortex function and multi-modal connectivity mapped using intracranial stimulation. <i>NeuroImage</i> , 2020, 220, 117059.	2.1	45
5302	Neuroticism in temporal lobe epilepsy is associated with altered limbic-frontal lobe resting-state functional connectivity. <i>Epilepsy and Behavior</i> , 2020, 110, 107172.	0.9	9
5303	Self-Efficacy As a Target for Neuroscience Research on Moderators of Treatment Outcomes in Pediatric Anxiety. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2020, 30, 205-214.	0.7	7

#	ARTICLE	IF	CITATIONS
5304	Cortical Thickness and Diffusion Properties in the Injured Brain: The Influence of Chronic Health Complaints. <i>Military Medicine</i> , 2020, 185, 168-175.	0.4	3
5305	Effect of body anthropometrics on brain structure of offspring of parents with bipolar disorder. <i>Journal of Psychiatric Research</i> , 2020, 124, 137-142.	1.5	1
5306	Network localization of clinical, cognitive, and neuropsychiatric symptoms in Alzheimer's disease. <i>Brain</i> , 2020, 143, 1249-1260.	3.7	53
5307	Women can bear a bigger burden: ante- and post-mortem evidence for reserve in the face of tau. <i>Brain Communications</i> , 2020, 2, fcaa025.	1.5	37
5308	Differentiating tic electrophysiology from voluntary movement in the human thalamocortical circuit. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 533-539.	0.9	27
5309	Relationships between amyloid levels, glucose metabolism, morphologic changes in the brain and clinical status of patients with Alzheimer's disease. <i>Annals of Nuclear Medicine</i> , 2020, 34, 337-348.	1.2	13
5310	Prefrontal-Subthalamic Hyperdirect Pathway Modulates Movement Inhibition in Humans. <i>Neuron</i> , 2020, 106, 579-588.e3.	3.8	148
5311	Magnetoencephalography resting state connectivity patterns as indicatives of surgical outcome in epilepsy patients. <i>Journal of Neural Engineering</i> , 2020, 17, 035007.	1.8	32
5312	Serum Neurosteroid Levels Are Associated With Cortical Thickness in Individuals Diagnosed With Posttraumatic Stress Disorder and History of Mild Traumatic Brain Injury. <i>Clinical EEG and Neuroscience</i> , 2020, 51, 285-299.	0.9	12
5313	The effect of ApoE $\epsilon$ 4 on clinical and structural MRI markers in prodromal Alzheimer's disease. <i>Quantitative Imaging in Medicine and Surgery</i> , 2020, 10, 464-474.	1.1	13
5314	A Preliminary Investigation of the Effects of a Western Diet on Hippocampal Volume in Children. <i>Frontiers in Pediatrics</i> , 2020, 8, 58.	0.9	6
5315	Multiple testing correction over contrasts for brain imaging. <i>NeuroImage</i> , 2020, 216, 116760.	2.1	52
5316	Real and Imagined Grasping Movements Differently Activate the Human Dorsomedial Parietal Cortex. <i>Neuroscience</i> , 2020, 434, 22-34.	1.1	13
5317	Cortical thickness, local gyrification index and fractal dimensionality in people with acute and recovered Anorexia Nervosa and in people with Bulimia Nervosa. <i>Psychiatry Research - Neuroimaging</i> , 2020, 299, 111069.	0.9	19
5318	Cortical 3-hinges could serve as hubs in cortico-cortical connective network. <i>Brain Imaging and Behavior</i> , 2020, 14, 2512-2529.	1.1	16
5319	Preterm infants with isolated cerebellar hemorrhage show bilateral cortical alterations at term equivalent age. <i>Scientific Reports</i> , 2020, 10, 5283.	1.6	10
5320	Conventional and Deep Learning Methods for Skull Stripping in Brain MRI. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1773.	1.3	30
5321	Decoding of Pain Perception using EEG Signals for a Real-Time Reflex System in Prostheses: A Case Study. <i>Scientific Reports</i> , 2020, 10, 5606.	1.6	25

#	ARTICLE	IF	CITATIONS
5322	Covarying structural alterations in laterality of the temporal lobe in schizophrenia: A case for source-based laterality. <i>NMR in Biomedicine</i> , 2020, 33, e4294.	1.6	6
5323	Imaging local genetic influences on cortical folding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 7430-7436.	3.3	24
5324	Sensory Modality-Independent Activation of the Brain Network for Language. <i>Journal of Neuroscience</i> , 2020, 40, 2914-2924.	1.7	19
5325	Structural brain networks in remitted psychotic depression. <i>Neuropsychopharmacology</i> , 2020, 45, 1223-1231.	2.8	17
5326	A Tactile Virtual Reality for the Study of Active Somatosensation. <i>Frontiers in Integrative Neuroscience</i> , 2020, 14, 5.	1.0	3
5327	Identificacion of MRI-based psychosis subtypes: Replication and refinement. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 100, 109907.	2.5	15
5328	Quantitative models reveal the organization of diverse cognitive functions in the brain. <i>Nature Communications</i> , 2020, 11, 1142.	5.8	29
5329	Little evidence for associations between the Big Five personality traits and variability in brain gray or white matter. <i>NeuroImage</i> , 2020, 220, 117092.	2.1	37
5330	Drum training induces long-term plasticity in the cerebellum and connected cortical thickness. <i>Scientific Reports</i> , 2020, 10, 10116.	1.6	7
5331	Variability and bias between magnetoencephalography systems in localization of the primary visual cortex. <i>Clinical Neurology and Neurosurgery</i> , 2020, 194, 105746.	0.6	0
5332	Brain extraction on MRI scans in presence of diffuse glioma: Multi-institutional performance evaluation of deep learning methods and robust modality-agnostic training. <i>NeuroImage</i> , 2020, 220, 117081.	2.1	35
5333	Extensive Evaluation of Morphological Statistical Harmonization for Brain Age Prediction. <i>Brain Sciences</i> , 2020, 10, 364.	1.1	12
5334	Back-to-back regression: Disentangling the influence of correlated factors from multivariate observations. <i>NeuroImage</i> , 2020, 220, 117028.	2.1	10
5335	Neuroanatomical underpinnings of autism symptomatology in carriers and non-carriers of the 22q11.2 microdeletion. <i>Molecular Autism</i> , 2020, 11, 46.	2.6	8
5336	Microstructural Changes in Motor Functional Conversion Disorder: Multimodal Imaging Approach on a Case. <i>Brain Sciences</i> , 2020, 10, 385.	1.1	4
5337	Structural MRI outcomes and predictors of disease progression in amyotrophic lateral sclerosis. <i>NeuroImage: Clinical</i> , 2020, 27, 102315.	1.4	14
5338	Right hippocampal volume mediation of subjective memory complaints differs by hypertension status in healthy aging. <i>Neurobiology of Aging</i> , 2020, 94, 271-280.	1.5	14
5339	Thalamocortical inhibitory dynamics support conscious perception. <i>NeuroImage</i> , 2020, 220, 117066.	2.1	7

#	ARTICLE	IF	CITATIONS
5340	Object recognition is enabled by an experience-dependent appraisal of visual features in the brain's value system. <i>NeuroImage</i> , 2020, 221, 117143.	2.1	4
5341	Human stereoEEG recordings reveal network dynamics of decision-making in a rule-switching task. <i>Nature Communications</i> , 2020, 11, 3075.	5.8	13
5342	Altered interhemispheric synchrony in Parkinson's disease patients with levodopa-induced dyskinesias. <i>Npj Parkinson's Disease</i> , 2020, 6, 14.	2.5	13
5343	Neighborhood deprivation, prefrontal morphology and neurocognition in late childhood to early adolescence. <i>NeuroImage</i> , 2020, 220, 117086.	2.1	54
5344	Default mode network connectivity is related to pain frequency and intensity in adolescents. <i>NeuroImage: Clinical</i> , 2020, 27, 102326.	1.4	25
5345	Simultaneous human intracerebral stimulation and HD-EEG, ground-truth for source localization methods. <i>Scientific Data</i> , 2020, 7, 127.	2.4	33
5346	Negative association between left prefrontal GABA concentration and BDNF serum concentration in young adults. <i>Heliyon</i> , 2020, 6, e04025.	1.4	2
5347	Robust multitask feature learning for amnesic mild cognitive impairment diagnosis based on multidimensional surface measures. <i>Medicine in Novel Technology and Devices</i> , 2020, 6, 100035.	0.9	2
5348	Age-related differences in cerebral blood flow and cortical thickness with an application to age prediction. <i>Neurobiology of Aging</i> , 2020, 95, 131-142.	1.5	14
5349	Synchrony Drives Motor Cortex Beta Bursting, Waveform Dynamics, and Phase-Amplitude Coupling in Parkinson's Disease. <i>Journal of Neuroscience</i> , 2020, 40, 5833-5846.	1.7	21
5350	Neurochemical Correlates of Brain Atrophy in Fibromyalgia Syndrome: A Magnetic Resonance Spectroscopy and Cortical Thickness Study. <i>Brain Sciences</i> , 2020, 10, 395.	1.1	6
5351	Brain-Mediated Transfer Learning of Convolutional Neural Networks. <i>Proceedings of the AAAI Conference on Artificial Intelligence</i> , 2020, 34, 5281-5288.	3.6	14
5352	Cortical signatures in behaviorally clustered autistic traits subgroups: a population-based study. <i>Translational Psychiatry</i> , 2020, 10, 207.	2.4	8
5353	Enhanced Deep-Learning-Based Magnetic Resonance Image Reconstruction by Leveraging Prior Subject-Specific Brain Imaging: Proof-of-Concept Using a Cohort of Presumed Normal Subjects. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2020, 14, 1126-1136.	7.3	12
5354	Age of Acquisition of Mandarin Modulates Cortical Thickness in High-Proficient Cantonese-Mandarin Bilinguals. <i>Journal of Psycholinguistic Research</i> , 2020, 50, 723-736.	0.7	2
5355	Using machine learning to quantify structural MRI neurodegeneration patterns of Alzheimer's disease into dementia score: Independent validation on 8,834 images from ADNI, AIBL, OASIS, and MIRIAD databases. <i>Human Brain Mapping</i> , 2020, 41, 4127-4147.	1.9	51
5356	Secondary somatosensory area is involved in vibrotactile temporal-structure processing: MEG analysis of slow cortical potential shifts in humans. <i>Somatosensory &amp; Motor Research</i> , 2020, 37, 222-232.	0.4	3
5357	Functional dissociation of hippocampal subregions corresponding to memory types and stages. <i>Journal of Physiological Anthropology</i> , 2020, 39, 15.	1.0	10



#	ARTICLE	IF	CITATIONS
5358	Measuring Statistical Learning Across Modalities and Domains in School-Aged Children Via an Online Platform and Neuroimaging Techniques. <i>Journal of Visualized Experiments</i> , 2020, , .	0.2	6
5359	Reduced accuracy of MRI deep grey matter segmentation in multiple sclerosis: an evaluation of four automated methods against manual reference segmentations in a multi-center cohort. <i>Journal of Neurology</i> , 2020, 267, 3541-3554.	1.8	14
5360	Scaling Up the Simian Primate Cortex: A Conserved Pattern of Expansion Across Brain Sizes. , 2020, , 533-545.		1
5361	Leptin mediates improvements in cognitive function following treatment with infliximab in adults with bipolar depression. <i>Psychoneuroendocrinology</i> , 2020, 120, 104779.	1.3	11
5362	White matter atrophy in cerebral amyloid angiopathy. <i>Neurology</i> , 2020, 95, e554-e562.	1.5	22
5363	<scp>Megaâ€analysis</scp> methods in <scp>ENIGMA</scp>: The experience of the generalized anxiety disorder working group. <i>Human Brain Mapping</i> , 2022, 43, 255-277.	1.9	51
5364	Preliminary Assessment of Intravoxel Incoherent Motion <scp>Diffusionâ€Weighted MRI</scp> (<scp>IVIMâ€DWI</scp>) Metrics in Alzheimer's Disease. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 52, 1811-1826.	1.9	30
5365	Reliability and comparability of human brain structural covariance networks. <i>NeuroImage</i> , 2020, 220, 117104.	2.1	37
5366	Lateralized Connectivity between Globus Pallidus and Motor Cortex is Associated with Freezing of Gait in Parkinsonâ€™s Disease. <i>Neuroscience</i> , 2020, 443, 44-58.	1.1	14
5367	Sex classification using longâ€range temporal dependence of restingâ€state functional <scp>MRI</scp> time series. <i>Human Brain Mapping</i> , 2020, 41, 3567-3579.	1.9	21
5368	A Prospective Longitudinal Investigation of Cortical Thickness and Gyrfication in Schizophrenia. <i>Canadian Journal of Psychiatry</i> , 2020, 65, 381-391.	0.9	22
5369	Disentangling the Effects of Spinal Cord Injury and Related Neuropathic Pain on Supraspinal Neuroplasticity: A Systematic Review on Neuroimaging. <i>Frontiers in Neurology</i> , 2019, 10, 1413.	1.1	18
5370	Damage to the shortest structural paths between brain regions is associated with disruptions of resting-state functional connectivity after stroke. <i>NeuroImage</i> , 2020, 210, 116589.	2.1	51
5371	Voxel-based morphometry and cortical thickness in combat veterans suffering from impulsive aggression. <i>Psychological Medicine</i> , 2021, 51, 1299-1309.	2.7	3
5372	A multimodal neuroimaging classifier for alcohol dependence. <i>Scientific Reports</i> , 2020, 10, 298.	1.6	17
5373	Minimal Relationship between Local Gyrfication and General Cognitive Ability in Humans. <i>Cerebral Cortex</i> , 2020, 30, 3439-3450.	1.6	6
5374	Detecting focal cortical dysplasia lesions from FLAIR-negative images based on cortical thickness. <i>BioMedical Engineering OnLine</i> , 2020, 19, 13.	1.3	9
5375	Increased hippocampal shape asymmetry and volumetric ventricular asymmetry in autism spectrum disorder. <i>NeuroImage: Clinical</i> , 2020, 26, 102207.	1.4	41

#	ARTICLE	IF	CITATIONS
5376	Scalp ripples as prognostic biomarkers of epileptogenicity in pediatric surgery. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 329-342.	1.7	35
5377	Network segregation varies with neural distinctiveness in sensorimotor cortex. <i>NeuroImage</i> , 2020, 212, 116663.	2.1	28
5378	Assessing the Role of Cannabis Use on Cortical Surface Structure in Adolescents and Young Adults: Exploring Gender and Aerobic Fitness as Potential Moderators. <i>Brain Sciences</i> , 2020, 10, 117.	1.1	10
5379	Associations of Widowhood and $\beta$ -Amyloid With Cognitive Decline in Cognitively Unimpaired Older Adults. <i>JAMA Network Open</i> , 2020, 3, e200121.	2.8	27
5380	Stress, inflammation and hippocampal subfields in depression: A 7 Tesla MRI Study. <i>Translational Psychiatry</i> , 2020, 10, 78.	2.4	21
5381	A preliminary examination of brain morphometry in youth with Down syndrome with and without parent-reported sleep difficulties. <i>Research in Developmental Disabilities</i> , 2020, 99, 103575.	1.2	6
5382	Developmental aspects of FXAND in a man with the <i>FMR1</i> premutation. <i>Molecular Genetics &amp; Genomic Medicine</i> , 2020, 8, e1050.	0.6	5
5383	Histopathology of diffusion-weighted imaging-positive lesions in cerebral amyloid angiopathy. <i>Acta Neuropathologica</i> , 2020, 139, 799-812.	3.9	21
5384	Brain aging in temporal lobe epilepsy: Chronological, structural, and functional. <i>NeuroImage: Clinical</i> , 2020, 25, 102183.	1.4	27
5385	Intracranial hypertension and cortical thickness in syndromic craniosynostosis. <i>Developmental Medicine and Child Neurology</i> , 2020, 62, 799-805.	1.1	11
5386	Interaction of APOE, cerebral blood flow, and cortical thickness in the entorhinal cortex predicts memory decline. <i>Brain Imaging and Behavior</i> , 2020, 14, 369-382.	1.1	8
5387	Mapping sequences can bias population receptive field estimates. <i>NeuroImage</i> , 2020, 211, 116636.	2.1	14
5388	Subthalamic Nucleus Activity Influences Sensory and Motor Cortex during Force Transduction. <i>Cerebral Cortex</i> , 2020, 30, 2615-2626.	1.6	18
5389	Real-time fMRI feedback impacts brain activation, results in auditory hallucinations reduction: Part 1: Superior temporal gyrus -Preliminary evidence-. <i>Psychiatry Research</i> , 2020, 286, 112862.	1.7	16
5390	Identifying and removing widespread signal deflections from fMRI data: Rethinking the global signal regression problem. <i>NeuroImage</i> , 2020, 212, 116614.	2.1	95
5391	Structural and functional imaging markers for susceptibility to psychosis. <i>Molecular Psychiatry</i> , 2020, 25, 2773-2785.	4.1	64
5392	On brain atlas choice and automatic segmentation methods: a comparison of MAPER & FreeSurfer using three atlas databases. <i>Scientific Reports</i> , 2020, 10, 2837.	1.6	31
5393	Mid age APOE $\epsilon$ 4 carriers show memory-related functional differences and disrupted structure-function relationships in hippocampal regions. <i>Scientific Reports</i> , 2020, 10, 3110.	1.6	15

#	ARTICLE	IF	CITATIONS
5394	The effects of NMDA receptor blockade on TMS-evoked EEG potentials from prefrontal and parietal cortex. <i>Scientific Reports</i> , 2020, 10, 3168.	1.6	42
5395	Prefrontal cortical activation during working memory task anticipation contributes to discrimination between bipolar and unipolar depression. <i>Neuropsychopharmacology</i> , 2020, 45, 956-963.	2.8	17
5396	Automated MRI Classification in Progressive Supranuclear Palsy: A Large International Cohort Study. <i>Movement Disorders</i> , 2020, 35, 976-983.	2.2	38
5397	Prospective memory in prodromal Alzheimer's disease: Real world relevance and correlations with cortical thickness and hippocampal subfield volumes. <i>NeuroImage: Clinical</i> , 2020, 26, 102226.	1.4	7
5398	Brainstem volume mediates seasonal variation in depressive symptoms: A cross sectional study in the UK Biobank cohort. <i>Scientific Reports</i> , 2020, 10, 3592.	1.6	10
5399	Action execution and action observation elicit mirror responses with the same temporal profile in human SII. <i>Communications Biology</i> , 2020, 3, 80.	2.0	12
5400	Ultra-high-resolution fMRI of Human Ventral Temporal Cortex Reveals Differential Representation of Categories and Domains. <i>Journal of Neuroscience</i> , 2020, 40, 3008-3024.	1.7	28
5401	Borderline Personality Traits Are Not Correlated With Brain Structure in Two Large Samples. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 669-677.	1.1	11
5402	On-scalp MEG sensor localization using magnetic dipole-like coils: A method for highly accurate co-registration. <i>NeuroImage</i> , 2020, 212, 116686.	2.1	12
5403	Altered Cortical Gyrfication in Adults Who Were Born Very Preterm and Its Associations With Cognition and Mental Health. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 640-650.	1.1	20
5404	Visual Organization of the Default Network. <i>Cerebral Cortex</i> , 2020, 30, 3518-3527.	1.6	29
5405	Anterior and posterior hippocampus macro- and microstructure across the lifespan in relation to memory: A longitudinal study. <i>Hippocampus</i> , 2020, 30, 678-692.	0.9	50
5406	Objective assessment of automatic language comprehension mechanisms in the brain: Novel E/MEG paradigm. <i>Psychophysiology</i> , 2020, 57, e13543.	1.2	7
5407	Word retrieval across the biomarker-confirmed Alzheimer's disease syndromic spectrum. <i>Neuropsychologia</i> , 2020, 140, 107391.	0.7	17
5408	Magnetic resonance imaging volumetric analysis in patients with Alternating hemiplegia of childhood: A pilot study. <i>European Journal of Paediatric Neurology</i> , 2020, 26, 15-19.	0.7	9
5409	Test-retest of automated segmentation with different motion correction strategies: A comparison of prospective versus retrospective methods. <i>NeuroImage</i> , 2020, 209, 116494.	2.1	10
5410	Brain age prediction in stroke patients: Highly reliable but limited sensitivity to cognitive performance and response to cognitive training. <i>NeuroImage: Clinical</i> , 2020, 25, 102159.	1.4	41
5411	Altered brain structures in the dorsal and ventral language pathways in individuals with and without developmental language disorder (DLD). <i>Brain Imaging and Behavior</i> , 2020, 14, 2569-2586.	1.1	18

#	ARTICLE	IF	CITATIONS
5412	Neuroimaging in Vascular Cognitive Impairment and Dementia: A Systematic Review. <i>Journal of Alzheimer's Disease</i> , 2020, 73, 1279-1294.	1.2	39
5413	Acceleration of MRI analysis using multicore and manycore paradigms. <i>Journal of Supercomputing</i> , 2020, 76, 8679-8690.	2.4	7
5414	Ictal and interictal source imaging on intracranial EEG predicts epilepsy surgery outcome in children with focal cortical dysplasia. <i>Clinical Neurophysiology</i> , 2020, 131, 734-743.	0.7	26
5415	An investigation of cortical thickness and antidepressant response in major depressive disorder: A CAN-BIND study report. <i>NeuroImage: Clinical</i> , 2020, 25, 102178.	1.4	10
5416	Altered Hypothalamic Region Covariance in Migraine and Cluster Headache: A Structural MRI Study. <i>Headache</i> , 2020, 60, 553-563.	1.8	11
5417	Predicting Global Cognitive Decline in the General Population Using the Disease State Index. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 379.	1.7	8
5419	Developmental divergence of structural brain networks as an indicator of future cognitive impairments in childhood brain injury: Executive functions. <i>Developmental Cognitive Neuroscience</i> , 2020, 42, 100762.	1.9	8
5420	Contribution of CSF biomarkers to early-onset Alzheimer's disease and frontotemporal dementia neuroimaging signatures. <i>Human Brain Mapping</i> , 2020, 41, 2004-2013.	1.9	22
5421	Therapeutic mechanisms of psilocybin: Changes in amygdala and prefrontal functional connectivity during emotional processing after psilocybin for treatment-resistant depression. <i>Journal of Psychopharmacology</i> , 2020, 34, 167-180.	2.0	92
5422	Forced conceptual thought induced by electrical stimulation of the left prefrontal gyrus involves widespread neural networks. <i>Epilepsy and Behavior</i> , 2020, 104, 106644.	0.9	3
5423	Evaluation of Resting Spatio-Temporal Dynamics of a Neural Mass Model Using Resting fMRI Connectivity and EEG Microstates. <i>Frontiers in Computational Neuroscience</i> , 2019, 13, 91.	1.2	15
5424	Word contexts enhance the neural representation of individual letters in early visual cortex. <i>Nature Communications</i> , 2020, 11, 321.	5.8	31
5425	Contralateral Preoperative Resting-State Functional MRI Network Integration Is Associated with Surgical Outcome in Temporal Lobe Epilepsy. <i>Radiology</i> , 2020, 294, 622-627.	3.6	19
5426	Test-retest reliability of FreeSurfer automated hippocampal subfield segmentation within and across scanners. <i>NeuroImage</i> , 2020, 210, 116563.	2.1	76
5427	Attention Networks in the Parietooccipital Cortex Modulate Activity of the Human Vestibular Cortex during Attentive Visual Processing. <i>Journal of Neuroscience</i> , 2020, 40, 1110-1119.	1.7	10
5428	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
5429	A Biomarker for Alzheimer's Disease Based on Patterns of Regional Brain Atrophy. <i>Frontiers in Psychiatry</i> , 2019, 10, 953.	1.3	29
5430	Duration of illness and cortical thickness in trichotillomania: Preliminary evidence for illness change over time. <i>European Neuropsychopharmacology</i> , 2020, 32, 88-93.	0.3	2

#	ARTICLE	IF	CITATIONS
5431	Subcortical structural covariance in young children with autism spectrum disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 99, 109874.	2.5	21
5432	Anatomical integrity within the inferior fronto-occipital fasciculus and semantic processing deficits in schizophrenia spectrum disorders. <i>Schizophrenia Research</i> , 2020, 218, 267-275.	1.1	24
5433	Fast Polynomial Approximation of Heat Kernel Convolution on Manifolds and Its Application to Brain Sulcal and Gyral Graph Pattern Analysis. <i>IEEE Transactions on Medical Imaging</i> , 2020, 39, 2201-2212.	5.4	19
5434	Asymmetries in Global Perception Are Represented in Near- versus Far-Preferring Clusters in Human Visual Cortex. <i>Journal of Neuroscience</i> , 2020, 40, 355-368.	1.7	11
5435	Bridging global and local topology in whole-brain networks using the network statistic jackknife. <i>Network Neuroscience</i> , 2020, 4, 70-88.	1.4	4
5436	High-resolution PET imaging reveals subtle impairment of the serotonin transporter in an early non-depressed Parkinson's disease cohort. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 2407-2416.	3.3	12
5437	Prefrontal reinstatement of contextual task demand is predicted by separable hippocampal patterns. <i>Nature Communications</i> , 2020, 11, 2053.	5.8	22
5438	Altered visual population receptive fields in human albinism. <i>Cortex</i> , 2020, 128, 107-123.	1.1	4
5439	Word up – Experiential and neurocognitive evidence for associations between autistic symptomatology and a preference for thinking in the form of words. <i>Cortex</i> , 2020, 128, 88-106.	1.1	10
5440	Infant behavioral reactivity predicts change in amygdala volume 12 years later. <i>Developmental Cognitive Neuroscience</i> , 2020, 42, 100776.	1.9	5
5441	fMRI representational similarity analysis reveals graded preferences for chromatic and achromatic stimulus contrast across human visual cortex. <i>NeuroImage</i> , 2020, 215, 116780.	2.1	7
5442	Brain morphometric differences in youth with and without perinatally-acquired HIV: A cross-sectional study. <i>NeuroImage: Clinical</i> , 2020, 26, 102246.	1.4	5
5443	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
5444	Structural and Volumetric Brain MRI Findings in Mild Traumatic Brain Injury. <i>American Journal of Neuroradiology</i> , 2020, 41, 92-99.	1.2	19
5445	18F-Flortaucipir PET Associations with Cerebrospinal Fluid, Cognition, and Neuroimaging in Mild Cognitive Impairment due to Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2020, 74, 589-601.	1.2	7
5446	Cerebrospinal Fluid and MRI Biomarkers in Neurodegenerative Diseases: A Retrospective Memory Clinic-Based Study. <i>Journal of Alzheimer's Disease</i> , 2020, 75, 751-765.	1.2	10
5447	Distribution of Cortical Diffusion Tensor Imaging Changes in Multiple Sclerosis. <i>Frontiers in Physiology</i> , 2020, 11, 116.	1.3	13
5448	Feature-specific neural reactivation during episodic memory. <i>Nature Communications</i> , 2020, 11, 1945.	5.8	29

#	ARTICLE	IF	CITATIONS
5449	Cortical source localization of sleep-stage specific oscillatory activity. <i>Scientific Reports</i> , 2020, 10, 6976.	1.6	28
5451	A systematic review of EEG source localization techniques and their applications on diagnosis of brain abnormalities. <i>Journal of Neuroscience Methods</i> , 2020, 339, 108740.	1.3	83
5452	Estimates of cortical column orientation improve MEG source inversion. <i>NeuroImage</i> , 2020, 216, 116862.	2.1	11
5453	Predicting Concussion Outcome by Integrating Finite Element Modeling and Network Analysis. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 309.	2.0	24
5454	Impulsive decision making, brain cortical thickness and familial schizophrenia risk. <i>Schizophrenia Research</i> , 2020, 220, 54-60.	1.1	8
5455	Structural changes induced by electroconvulsive therapy are associated with clinical outcome. <i>Brain Stimulation</i> , 2020, 13, 696-704.	0.7	31
5456	Metastable neural dynamics underlies cognitive performance across multiple behavioural paradigms. <i>Human Brain Mapping</i> , 2020, 41, 3212-3234.	1.9	28
5457	Myeloarchitecture gradients in the human insula: Histological underpinnings and association to intrinsic functional connectivity. <i>NeuroImage</i> , 2020, 216, 116859.	2.1	51
5458	Amyloid $\beta^2$ influences the relationship between cortical thickness and vascular load. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020, 12, e12022.	1.2	7
5459	Three-dimensional motion-corrected $T_{1\rho}$ relaxometry with MPnRAGE. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 2400-2411.	1.9	10
5460	A Fully Automatic Method for Optic Radiation Tractography Applicable to Multiple Sclerosis Patients. <i>Brain Topography</i> , 2020, 33, 533-544.	0.8	2
5461	Identifying Cross-individual Correspondences of 3-hinge Gyri. <i>Medical Image Analysis</i> , 2020, 63, 101700.	7.0	11
5462	Biomarker profiling beyond amyloid and tau: cerebrospinal fluid markers, hippocampal atrophy, and memory change in cognitively unimpaired older adults. <i>Neurobiology of Aging</i> , 2020, 93, 1-15.	1.5	11
5463	Facing up to the wandering mind: Patterns of off-task laboratory thought are associated with stronger neural recruitment of right fusiform cortex while processing facial stimuli. <i>NeuroImage</i> , 2020, 214, 116765.	2.1	28
5464	Atypical MEG inter-subject correlation during listening to continuous natural speech in dyslexia. <i>NeuroImage</i> , 2020, 216, 116799.	2.1	22
5465	Neuroimaging young children and associations with neurocognitive development in a South African birth cohort study. <i>NeuroImage</i> , 2020, 219, 116846.	2.1	21
5466	White matter microstructure predicts foreign language learning in army interpreters. <i>Bilingualism</i> , 2020, 23, 763-771.	1.0	4
5467	Neurovegetative symptom subtypes in young people with major depressive disorder and their structural brain correlates. <i>Translational Psychiatry</i> , 2020, 10, 108.	2.4	20

#	ARTICLE	IF	CITATIONS
5468	Mapping Short Association Fibers in the Early Cortical Visual Processing Stream Using In Vivo Diffusion Tractography. <i>Cerebral Cortex</i> , 2020, 30, 4496-4514.	1.6	40
5469	Towards individualized cortical thickness assessment for clinical routine. <i>Journal of Translational Medicine</i> , 2020, 18, 151.	1.8	9
5470	Brain Morphometry Estimation: From Hours to Seconds Using Deep Learning. <i>Frontiers in Neurology</i> , 2020, 11, 244.	1.1	14
5471	Predicting Body Mass Index From Structural MRI Brain Images Using a Deep Convolutional Neural Network. <i>Frontiers in Neuroinformatics</i> , 2020, 14, 10.	1.3	14
5472	Spatiotemporal Dynamics of Multiple Memory Systems During Category Learning. <i>Brain Sciences</i> , 2020, 10, 224.	1.1	3
5473	Extracellular Vesicle Biomarkers Reveal Inhibition of Neuroinflammation by Infliximab in Association with Antidepressant Response in Adults with Bipolar Depression. <i>Cells</i> , 2020, 9, 895.	1.8	36
5474	Brain Extraction Using Active Contour Neighborhood-Based Graph Cuts Model. <i>Symmetry</i> , 2020, 12, 559.	1.1	4
5475	Serum FAM19A5 levels: A novel biomarker for neuroinflammation and neurodegeneration in major depressive disorder. <i>Brain, Behavior, and Immunity</i> , 2020, 87, 852-859.	2.0	27
5476	Repetitive mTBI is associated with age-related reductions in cerebral blood flow but not cortical thickness. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 431-444.	2.4	17
5477	N-acetylcysteine reduces cocaine-seeking behavior and anterior cingulate glutamate/glutamine levels among cocaine-dependent individuals. <i>Addiction Biology</i> , 2021, 26, e12900.	1.4	24
5478	supFunSim: Spatial Filtering Toolbox for EEG. <i>Neuroinformatics</i> , 2021, 19, 107-125.	1.5	7
5479	Crossed Cerebellar Diaschisis Indicates Hemodynamic Compromise in Ischemic Stroke Patients. <i>Translational Stroke Research</i> , 2021, 12, 39-48.	2.3	16
5480	State-of-the-Art Segmentation Techniques and Future Directions for Multiple Sclerosis Brain Lesions. <i>Archives of Computational Methods in Engineering</i> , 2021, 28, 951-977.	6.0	22
5481	Brain Structural-Behavioral Correlates Underlying Grooved Pegboard Test Performance Across Lifespan. <i>Journal of Motor Behavior</i> , 2021, 53, 373-384.	0.5	5
5482	Hippocampal subfield morphology in monozygotic twins discordant for affective disorders. <i>Neuropsychopharmacology</i> , 2021, 46, 561-568.	2.8	4
5483	Recent cannabis use is associated with smaller hippocampus volume: High-resolution segmentation of structural subfields in a large non-clinical sample. <i>Addiction Biology</i> , 2021, 26, e12874.	1.4	7
5484	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
5485	MEG Theta during Lexico-Semantic and Executive Processing Is Altered in High-Functioning Adolescents with Autism. <i>Cerebral Cortex</i> , 2021, 31, 1116-1130.	1.6	6

#	ARTICLE	IF	CITATIONS
5486	Correspondence of categorical and feature-based representations of music in the human brain. <i>Brain and Behavior</i> , 2021, 11, e01936.	1.0	19
5487	Quantitative Evaluations of Geometrical Distortion Corrections in Cortical Surface-Based Analysis of High-Resolution Functional MRI Data at 7T. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 53, 1220-1234.	1.9	15
5488	Numerical investigation of biomechanically coupled growth in cortical folding. <i>Biomechanics and Modeling in Mechanobiology</i> , 2021, 20, 555-567.	1.4	19
5489	VEP atlas: An anatomic and functional human brain atlas dedicated to epilepsy patients. <i>Journal of Neuroscience Methods</i> , 2021, 348, 108983.	1.3	28
5490	Obsessive-Compulsive Symptoms Among Children in the Adolescent Brain and Cognitive Development Study: Clinical, Cognitive, and Brain Connectivity Correlates. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 399-409.	1.1	10
5491	Marmoset Brain ISH Data Revealed Molecular Difference Between Cortical Folding Patterns. <i>Cerebral Cortex</i> , 2021, 31, 1660-1674.	1.6	2
5492	Diagnosis of depression in multiple sclerosis is predicted by frontal-parietal white matter tract disruption. <i>Journal of Neurology</i> , 2021, 268, 169-177.	1.8	10
5493	Material hardship, prefrontal cortex-amygdala structure, and internalizing symptoms in children. <i>Developmental Psychobiology</i> , 2021, 63, 364-377.	0.9	9
5494	Brain and Human Body Modeling 2020. , 2021, , .		11
5495	Effects of bifrontal transcranial direct current stimulation on brain glutamate levels and resting state connectivity: multimodal MRI data for the cathodal stimulation site. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2021, 271, 111-122.	1.8	17
5496	Papez Circuit Gray Matter and Episodic Memory in Amyotrophic Lateral Sclerosis and Behavioural Variant Frontotemporal Dementia. <i>Brain Imaging and Behavior</i> , 2021, 15, 996-1006.	1.1	10
5497	Challenges and opportunities for neuroimaging in young patients with traumatic brain injury: a coordinated effort towards advancing discovery from the ENIGMA pediatric moderate/severe TBI group. <i>Brain Imaging and Behavior</i> , 2021, 15, 555-575.	1.1	8
5498	Differences in cortical thinning across development among individuals with and without anxiety disorders. <i>Depression and Anxiety</i> , 2021, 38, 372-381.	2.0	8
5499	Neurostructural phenotypes of CACNA1C rs1006737 in adolescents with bipolar disorder and healthy controls. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 104, 110071.	2.5	5
5500	Associations Between Prenatal Cannabis Exposure and Childhood Outcomes. <i>JAMA Psychiatry</i> , 2021, 78, 64.	6.0	156
5501	Iron deposition and atrophy in cerebral grey matter and their possible association with serum iron in relapsing-remitting multiple sclerosis. <i>Clinical Imaging</i> , 2021, 69, 238-242.	0.8	2
5502	Highly proficient, balanced bilingualism is related to thinner cortex in two cognitive control regions. <i>Annals of the New York Academy of Sciences</i> , 2021, 1485, 83-94.	1.8	4
5503	Visual cortex changes in children with sickle cell disease and normal visual acuity: a multimodal magnetic resonance imaging study. <i>British Journal of Haematology</i> , 2021, 192, 151-157.	1.2	4



#	ARTICLE	IF	CITATIONS
5504	Scotopic Vision Is Selectively Processed in Thick-Type Columns in Human Extrastriate Cortex. <i>Cerebral Cortex</i> , 2021, 31, 1163-1181.	1.6	5
5505	Neuroprotective Effects of Motherhood on Brain Function in Late Life: A Resting-State fMRI Study. <i>Cerebral Cortex</i> , 2021, 31, 1270-1283.	1.6	24
5506	Repeatability and reproducibility of human brain morphometry using three-dimensional magnetic resonance fingerprinting. <i>Human Brain Mapping</i> , 2021, 42, 275-285.	1.9	13
5507	Developmental pattern of the cortical topology in high-functioning individuals with autism spectrum disorder. <i>Human Brain Mapping</i> , 2021, 42, 660-675.	1.9	12
5508	Signal diffusion along connectome gradients and inter-hub routing differentially contribute to dynamic human brain function. <i>NeuroImage</i> , 2021, 224, 117429.	2.1	54
5509	Neural bases of inhibitory control: Combining transcranial magnetic stimulation and magnetic resonance imaging in alcohol-use disorder patients. <i>NeuroImage</i> , 2021, 224, 117435.	2.1	10
5510	Biophysically detailed forward modeling of the neural origin of EEG and MEG signals. <i>NeuroImage</i> , 2021, 225, 117467.	2.1	37
5511	Automatic brain extraction from MRI of human head scans using Helmholtz free energy principle and morphological operations. <i>Biomedical Signal Processing and Control</i> , 2021, 64, 102270.	3.5	7
5512	Neurobiological underpinnings of cognitive subtypes in psychoses: A cross-diagnostic cluster analysis. <i>Schizophrenia Research</i> , 2021, 229, 102-111.	1.1	13
5513	Duration-dependent extensive volume and shape changes of mesolimbic structures in surgically treated unilateral patients with temporal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2021, 114, 107517.	0.9	0
5514	Structural complexity is negatively associated with brain activity: a novel multimodal test of compensation theories of aging. <i>Neurobiology of Aging</i> , 2021, 98, 185-196.	1.5	10
5515	Spatiotemporal dynamics of orthographic and lexical processing in the ventral visual pathway. <i>Nature Human Behaviour</i> , 2021, 5, 389-398.	6.2	71
5516	Effects of MP2RAGE B1+ sensitivity on inter-site T1 reproducibility and hippocampal morphometry at 7T. <i>NeuroImage</i> , 2021, 224, 117373.	2.1	17
5517	A recipe for accurate estimation of lifespan brain trajectories, distinguishing longitudinal and cohort effects. <i>NeuroImage</i> , 2021, 226, 117596.	2.1	28
5518	Exploring brain insulin resistance in adults with bipolar depression using extracellular vesicles of neuronal origin. <i>Journal of Psychiatric Research</i> , 2021, 133, 82-92.	1.5	27
5519	Rest-activity rhythms and white matter microstructure across the lifespan. <i>Sleep</i> , 2021, 44, .	0.6	5
5520	OCT parameters of the optic nerve head and the retina as surrogate markers of brain volume in a normal population, a pilot study. <i>Journal of the Neurological Sciences</i> , 2021, 420, 117213.	0.3	14
5521	Cortical thickness and surface area of left anterior temporal areas affects processing of phonological cues to morphosyntax. <i>Brain Research</i> , 2021, 1750, 147150.	1.1	5

#	ARTICLE	IF	CITATIONS
5522	Association between pain sensitivity and gray matter properties in the sensorimotor network in women with irritable bowel syndrome. <i>Neurogastroenterology and Motility</i> , 2021, 33, e14027.	1.6	8
5523	Cortical thickness mediates the relationship between DRD2 C957T polymorphism and executive function across the adult lifespan. <i>Brain Structure and Function</i> , 2021, 226, 121-136.	1.2	3
5524	Neuroanatomical signatures of anorexia nervosa psychopathology: An exploratory MRI/DTI study in a mixed sample enriched for disease vulnerability. <i>Psychiatry Research - Neuroimaging</i> , 2021, 307, 111228.	0.9	0
5525	Influence of sample size and analytic approach on stability and interpretation of brain-behavior correlations in task-related fMRI data. <i>Human Brain Mapping</i> , 2021, 42, 204-219.	1.9	93
5526	Asymptomatic carotid artery stenosis is associated with cerebral hypoperfusion. <i>Journal of Vascular Surgery</i> , 2021, 73, 1611-1621.e2.	0.6	24
5527	Altered Brain Network Connectivity Underlies Persistent Post-Traumatic Headache following Mild Traumatic Brain Injury in Youth. <i>Journal of Neurotrauma</i> , 2021, 38, 1632-1641.	1.7	13
5528	Independent Contributions of Dorsolateral Prefrontal Structure and Function to Working Memory in Healthy Older Adults. <i>Cerebral Cortex</i> , 2021, 31, 1732-1743.	1.6	18
5529	Specific and general relationships between cortical thickness and cognition in older adults: a longitudinal study. <i>Neurobiology of Aging</i> , 2021, 102, 89-101.	1.5	8
5530	Structural abnormalities of cingulate cortex in patients with first-episode drug-naïve schizophrenia comorbid with depressive symptoms. <i>Human Brain Mapping</i> , 2021, 42, 1617-1625.	1.9	13
5531	Learning Clique Subgraphs in Structural Brain Network Classification with Application to Crystallized Cognition. <i>NeuroImage</i> , 2021, 225, 117493.	2.1	10
5532	The Evolutionary History of Common Genetic Variants Influencing Human Cortical Surface Area. <i>Cerebral Cortex</i> , 2021, 31, 1873-1887.	1.6	21
5533	Cortical thickness and subcortical volume abnormalities in male crack-cocaine users. <i>Psychiatry Research - Neuroimaging</i> , 2021, 310, 111232.	0.9	10
5534	MRI Automated T1 Signal Intensity Detection of Diffuse Brain Manganese Accumulation in Cirrhosis. <i>Journal of Neuroimaging</i> , 2021, 31, 186-191.	1.0	1
5535	Cortical thickness of primary visual cortex correlates with motion deficits in periventricular leukomalacia. <i>Neuropsychologia</i> , 2021, 151, 107717.	0.7	5
5536	Tractographic and Microstructural Analysis of the Dentato-Rubro-Thalamo-Cortical Tracts in Children Using Diffusion MRI. <i>Cerebral Cortex</i> , 2021, 31, 2595-2609.	1.6	13
5537	Difference in default mode network subsystems in autism across childhood and adolescence. <i>Autism</i> , 2021, 25, 556-565.	2.4	13
5538	Localization of brain activity from EEG/MEG using MV-PURE framework. <i>Biomedical Signal Processing and Control</i> , 2021, 64, 102243.	3.5	2
5539	Effects of deafness and sign language experience on the human brain: voxel-based and surface-based morphometry. <i>Language, Cognition and Neuroscience</i> , 2021, 36, 422-439.	0.7	8

#	ARTICLE	IF	CITATIONS
5540	Hippocampal subfield alterations in pediatric patients with post-traumatic stress disorder. <i>Social Cognitive and Affective Neuroscience</i> , 2021, 16, 334-344.	1.5	9
5541	Marmoset Brain Mapping V3: Population multi-modal standard volumetric and surface-based templates. <i>NeuroImage</i> , 2021, 226, 117620.	2.1	50
5542	Sex differences in medial prefrontal and parietal cortex structure in children with disruptive behavior. <i>Developmental Cognitive Neuroscience</i> , 2021, 47, 100884.	1.9	13
5543	Spatial fidelity of MEC/EEG source estimates: A general evaluation approach. <i>NeuroImage</i> , 2021, 224, 117430.	2.1	46
5544	Decoding visual information from high-density diffuse optical tomography neuroimaging data. <i>NeuroImage</i> , 2021, 226, 117516.	2.1	11
5545	Hippocampal subfield abnormalities and memory functioning in children with fetal alcohol Spectrum disorders. <i>Neurotoxicology and Teratology</i> , 2021, 83, 106944.	1.2	15
5546	Clarifying the role of higher-level cortices in resolving perceptual ambiguity using ultra high field fMRI. <i>NeuroImage</i> , 2021, 227, 117654.	2.1	9
5547	Distinct roles of dorsal and ventral subthalamic neurons in action selection and cancellation. <i>Neuron</i> , 2021, 109, 869-881.e6.	3.8	51
5548	The Midâ€Fusiform Sulcus in Autism Spectrum Disorder: Establishing a Novel Anatomical Landmark Related to Face Processing. <i>Autism Research</i> , 2021, 14, 53-64.	2.1	13
5549	Taskâ€based functional connectivity in aging: How task and connectivity methodology affect discovery of age effects. <i>Brain and Behavior</i> , 2021, 11, e01954.	1.0	15
5550	Parahippocampal area three gray matter is reduced in <scp>firstâ€episode</scp> schizophrenia spectrum: Discovery and replication samples. <i>Human Brain Mapping</i> , 2021, 42, 724-736.	1.9	12
5551	Examining volumetric gradients based on the frustum surface ratio in the brain in autism spectrum disorder. <i>Human Brain Mapping</i> , 2021, 42, 953-966.	1.9	4
5552	Atypical measures of diffusion at the grayâ€white matter boundary in autism spectrum disorder in adulthood. <i>Human Brain Mapping</i> , 2021, 42, 467-484.	1.9	11
5553	Mouth magnetoencephalography: A unique perspective on the human hippocampus. <i>NeuroImage</i> , 2021, 225, 117443.	2.1	56
5554	Associations between sleep apnea and advanced brain aging in a large-scale population study. <i>Sleep</i> , 2021, 44, .	0.6	27
5555	Reference Ability Neural Networkâ€selective functional connectivity across the lifespan. <i>Human Brain Mapping</i> , 2021, 42, 644-659.	1.9	1
5556	Cortical thickness as predictor of response to exercise in people with Parkinson's disease. <i>Human Brain Mapping</i> , 2021, 42, 139-153.	1.9	11
5557	Gating Patterns to Proprioceptive Stimulation in Various Cortical Areas: An MEG Study in Children and Adults using Spatial ICA. <i>Cerebral Cortex</i> , 2021, 31, 1523-1537.	1.6	5

#	ARTICLE	IF	CITATIONS
5558	Associations of age, body mass index and biochemical parameters with brain morphology in patients with anorexia nervosa. <i>European Eating Disorders Review</i> , 2021, 29, 74-85.	2.3	3
5559	Higher BMI, but not obesity-related genetic polymorphisms, correlates with lower structural connectivity of the reward network in a population-based study. <i>International Journal of Obesity</i> , 2021, 45, 491-501.	1.6	16
5560	Early Visual Cortex Stimulation Modifies Well-Consolidated Perceptual Gains. <i>Cerebral Cortex</i> , 2021, 31, 138-146.	1.6	11
5561	Brain micro-architecture and disinhibition: a latent phenotyping study across 33 impulsive and compulsive behaviours. <i>Neuropsychopharmacology</i> , 2021, 46, 423-431.	2.8	13
5562	Improving <i>in vivo</i> human cerebral cortical surface reconstruction using data-driven super-resolution. <i>Cerebral Cortex</i> , 2021, 31, 463-482.	1.6	17
5563	White matter but not grey matter predicts change in reading skills after intervention. <i>Dyslexia</i> , 2021, 27, 224-244.	0.8	6
5564	Cognitive Deficits and Clinical Symptoms with Hippocampal Subfields in First-Episode and Never-Treated Patients with Schizophrenia. <i>Cerebral Cortex</i> , 2021, 31, 89-96.	1.6	12
5565	Resting-State Fluctuations Underlie Free and Creative Verbal Behaviors in the Human Brain. <i>Cerebral Cortex</i> , 2021, 31, 213-232.	1.6	13
5566	Age-related alterations in functional connectivity along the longitudinal axis of the hippocampus and its subfields. <i>Hippocampus</i> , 2021, 31, 11-27.	0.9	26
5567	Left Ear Hearing Predicts Functional Activity in the Brains of Patients with Alzheimer's Disease. <i>Annals of Otology, Rhinology and Laryngology</i> , 2021, 130, 343-349.	0.6	8
5568	Deep gray matter changes in relapsing-remitting multiple sclerosis detected by multi-parametric, high-resolution magnetic resonance imaging (MRI). <i>European Radiology</i> , 2021, 31, 706-715.	2.3	8
5569	Extract image markers of autism using hierarchical feature selection technique. , 2021, , 333-343.		0
5570	Pitch and Duration Mismatch Negativity are Associated With Distinct Auditory Cortex and Inferior Frontal Cortex Volumes in the First-Episode Schizophrenia Spectrum. <i>Schizophrenia Bulletin Open</i> , 2021, 2, sgab005.	0.9	10
5573	Large-scale mGluR5 network abnormalities linked to epilepsy duration in focal cortical dysplasia. <i>NeuroImage: Clinical</i> , 2021, 29, 102552.	1.4	3
5574	Differential relationships of PTSD symptom clusters with cortical thickness and grey matter volumes among women with PTSD. <i>Scientific Reports</i> , 2021, 11, 1825.	1.6	27
5575	Motor Planning Modulates Neural Activity Patterns in Early Human Auditory Cortex. <i>Cerebral Cortex</i> , 2021, 31, 2952-2967.	1.6	14
5576	What Underlies a Greater Reversal in Tactile Temporal Order Judgment When the Hands Are Crossed? A Structural MRI Study. <i>Cerebral Cortex Communications</i> , 2021, 2, tgab025.	0.7	2
5577	Altered cingulate structures and the associations with social awareness deficits and CNTNAP2 gene in autism spectrum disorder. <i>NeuroImage: Clinical</i> , 2021, 31, 102729.	1.4	11

#	ARTICLE	IF	CITATIONS
5578	Network topology changes in chronic mild traumatic brain injury (mTBI). <i>NeuroImage: Clinical</i> , 2021, 31, 102691.	1.4	12
5579	A profile of brain reserve in adults at genetic risk of Alzheimer's disease. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2021, 13, e12208.	1.2	4
5581	Understanding the impact of preprocessing pipelines on neuroimaging cortical surface analyses. <i>GigaScience</i> , 2021, 10, .	3.3	32
5582	Manual and automated tissue segmentation confirm the impact of thalamus atrophy on cognition in multiple sclerosis: A multicenter study. <i>NeuroImage: Clinical</i> , 2021, 29, 102549.	1.4	20
5583	Structural MRI and functional connectivity features predict current clinical status and persistence behavior in prescription opioid users. <i>NeuroImage: Clinical</i> , 2021, 30, 102663.	1.4	11
5584	Brain changes underlying progression of speech motor programming impairment. <i>Brain Communications</i> , 2021, 3, fcab205.	1.5	6
5585	Objectively Measured Intensity-specific Physical Activity and Hippocampal Volume Among Community-dwelling Older Adults. <i>Journal of Epidemiology</i> , 2022, 32, 489-495.	1.1	11
5586	Gender Brain Structural Differences and Interoception. <i>Frontiers in Neuroscience</i> , 2020, 14, 586860.	1.4	12
5587	Brain Age Prediction With Morphological Features Using Deep Neural Networks: Results From Predictive Analytic Competition 2019. <i>Frontiers in Psychiatry</i> , 2020, 11, 619629.	1.3	11
5588	Multimodal Imaging Brain Markers in Early Adolescence Are Linked with a Physically Active Lifestyle. <i>Journal of Neuroscience</i> , 2021, 41, 1092-1104.	1.7	8
5589	Processing speed and brain volume in individuals at clinical high-risk for psychosis with comorbid eating disorders: A brief report. <i>Schizophrenia Research</i> , 2021, 227, 92-94.	1.1	2
5591	Imaging biomarkers of vascular and axonal injury are spatially distinct in chronic traumatic brain injury. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 0271678X2098515.	2.4	11
5594	Effects of unilateral tDCS over left prefrontal cortex on emotion regulation in depression: Evidence from concurrent functional magnetic resonance imaging. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2021, 21, 14-34.	1.0	6
5595	Relation of retinal and hippocampal thickness in patients with amnesic mild cognitive impairment and healthy controls. <i>Brain and Behavior</i> , 2021, 11, e02035.	1.0	6
5596	Aberrant modulation of brain activity underlies impaired working memory following traumatic brain injury. <i>NeuroImage: Clinical</i> , 2021, 31, 102777.	1.4	0
5597	White matter integrity of contralesional and transcallosal tracts may predict response to upper limb task-specific training in chronic stroke. <i>NeuroImage: Clinical</i> , 2021, 31, 102710.	1.4	7
5599	Hearing loss is associated with gray matter differences in older adults at risk for and with Alzheimer's disease. <i>Aging Brain</i> , 2021, 1, 100018.	0.7	13
5600	The preterm social brain: altered functional networks for Theory of Mind in very preterm children. <i>Brain Communications</i> , 2021, 3, fcaa237.	1.5	14

#	ARTICLE	IF	CITATIONS
5601	True ultra-low-dose amyloid PET/MRI enhanced with deep learning for clinical interpretation. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 2416-2425.	3.3	27
5602	Distinguishing type II focal cortical dysplasias from normal cortex: A novel normative modeling approach. <i>NeuroImage: Clinical</i> , 2021, 30, 102565.	1.4	6
5603	Emotion regulation in emerging adults with major depressive disorder and frequent cannabis use. <i>NeuroImage: Clinical</i> , 2021, 30, 102575.	1.4	2
5604	Latent patterns of task-related functional connectivity in relation to regions of hyperactivation in individuals at risk of Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2021, 30, 102643.	1.4	6
5605	Incomplete hippocampal inversion in schizophrenia: prevalence, severity, and impact on hippocampal structure. <i>Molecular Psychiatry</i> , 2021, 26, 5407-5416.	4.1	16
5608	Classification of evoked responses to inverted faces reveals both spatial and temporal cortical response abnormalities in Autism spectrum disorder. <i>NeuroImage: Clinical</i> , 2021, 29, 102501.	1.4	1
5609	Functional connectivity of spoken language processing in early-stage Parkinson's disease: An MEG study. <i>NeuroImage: Clinical</i> , 2021, 32, 102718.	1.4	13
5610	The relationship between duration of abstinence and gray-matter brain structure in chronic methamphetamine users. <i>American Journal of Drug and Alcohol Abuse</i> , 2021, 47, 65-73.	1.1	13
5611	Selective hippocampal subfield volume reductions in World Trade Center responders with cognitive impairment. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2021, 13, e12165.	1.2	10
5612	Zooming-in on higher-level vision: High-resolution fMRI for understanding visual perception and awareness. <i>Progress in Neurobiology</i> , 2021, 207, 101998.	2.8	9
5613	Automatic Framework for Patient-Specific Biomechanical Computations of Organ Deformation. , 2021, , 3-16.		1
5614	Parcellation-induced variation of empirical and simulated brain connectomes at group and subject levels. <i>Network Neuroscience</i> , 2021, 5, 798-830.	1.4	23
5615	Overlooked Tertiary Sulci Serve as a Meso-Scale Link between Microstructural and Functional Properties of Human Lateral Prefrontal Cortex. <i>Journal of Neuroscience</i> , 2021, 41, 2229-2244.	1.7	53
5616	Neural mechanisms of acute stress and trait anxiety in adolescents. <i>NeuroImage: Clinical</i> , 2021, 29, 102543.	1.4	24
5617	Anxious attachment is associated with heightened responsivity of a parietofrontal cortical network that monitors peri-personal space. <i>NeuroImage: Clinical</i> , 2021, 30, 102585.	1.4	11
5619	A cortical thinning signature to identify World Trade Center responders with possible dementia. <i>Intelligence-based Medicine</i> , 2021, 5, 100032.	1.4	5
5620	Neural substrates of verbal repetition deficits in primary progressive aphasia. <i>Brain Communications</i> , 2021, 3, fcab015.	1.5	8
5621	Effects of anterior thalamic nuclei stimulation on hippocampal activity: Chronic recording in a patient with drug-resistant focal epilepsy. <i>Epilepsy and Behavior Reports</i> , 2021, 16, 100467.	0.5	13

#	ARTICLE	IF	CITATIONS
5623	Multimodal Risk-Based Path Planning for Neurosurgical Interventions. <i>Journal of Medical Devices, Transactions of the ASME</i> , 2021, 15, .	0.4	3
5624	Effects of oral contraceptive pills on mood and magnetic resonance imaging measures of prefrontal cortical thickness. <i>Molecular Psychiatry</i> , 2021, 26, 917-926.	4.1	21
5625	Left superior temporal sulcus morphometry mediates the impact of anxiety and depressive symptoms on sleep quality in healthy adults. <i>Social Cognitive and Affective Neuroscience</i> , 2021, 16, 492-501.	1.5	9
5626	Divergent relationship between brain structure and cognitive functioning in patients with prominent negative symptomatology. <i>Psychiatry Research - Neuroimaging</i> , 2021, 307, 111233.	0.9	4
5628	Regional and depth-dependence of cortical blood-flow assessed with high-resolution Arterial Spin Labeling (ASL). <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 0271678X2098238.	2.4	9
5629	Neural correlates of resilience to the effects of hippocampal atrophy on memory. <i>NeuroImage: Clinical</i> , 2021, 29, 102526.	1.4	11
5630	Gender-related neuroanatomical differences in alcohol dependence: findings from the ENIGMA Addiction Working Group. <i>NeuroImage: Clinical</i> , 2021, 30, 102636.	1.4	17
5631	Automatic parcellation of resting-state cortical dynamics by iterative community detection and similarity measurements. <i>AIMS Neuroscience</i> , 2021, 8, 526-542.	1.0	4
5632	Three major dimensions of human brain cortical ageing in relation to cognitive decline across the eighth decade of life. <i>Molecular Psychiatry</i> , 2021, 26, 2651-2662.	4.1	29
5633	A Review of Neuroimaging-Driven Brain Age Estimation for Identification of Brain Disorders and Health Conditions. <i>IEEE Reviews in Biomedical Engineering</i> , 2023, 16, 371-385.	13.1	19
5635	Detailed Episodic Memory Depends on Concurrent Reactivation of Basic Visual Features within the Posterior Hippocampus and Early Visual Cortex. <i>Cerebral Cortex Communications</i> , 2021, 2, tgab045.	0.7	16
5637	Auditory deficits in infants at risk for dyslexia during a linguistic sensitive period predict future language. <i>NeuroImage: Clinical</i> , 2021, 30, 102578.	1.4	7
5638	Differential contributions of static and time-varying functional connectivity to human behavior. <i>Network Neuroscience</i> , 2021, 5, 145-165.	1.4	24
5639	Clinical Application of MPRAGE Wave Controlled Aliasing in Parallel Imaging (Wave-CAIPI): A Comparative Study with MPRAGE GRAPPA. <i>Magnetic Resonance in Medical Sciences</i> , 2021, , .	1.1	1
5641	<i>Biomedical Imaging Informatics</i> , , 2021, , 299-362.		3
5642	Global and Regional Changes in Perivascular Space in Idiopathic and Familial Parkinson's Disease. <i>Movement Disorders</i> , 2021, 36, 1126-1136.	2.2	49
5643	Pattern of cortical thinning in logopenic progressive aphasia patients in Thailand. <i>BMC Neurology</i> , 2021, 21, 22.	0.8	2
5644	Effects of the Openness to Experience Polygenic Score on Cortical Thickness and Functional Connectivity. <i>Frontiers in Neuroscience</i> , 2020, 14, 607912.	1.4	1

#	ARTICLE	IF	CITATIONS
5645	Development, validation, and pilot MRI safety study of a high-resolution, open source, whole body pediatric numerical simulation model. <i>PLoS ONE</i> , 2021, 16, e0241682.	1.1	12
5647	Unconscious Touch Perception After Disruption of the Primary Somatosensory Cortex. <i>Psychological Science</i> , 2021, 32, 549-557.	1.8	3
5648	Collegiate athlete brain data for white matter mapping and network neuroscience. <i>Scientific Data</i> , 2021, 8, 56.	2.4	4
5649	Apolipoprotein E $\epsilon$ 4 Allele-Based Differences in Brain Volumes Are Largely Uniform Across Late Middle Aged and Older Hispanic/Latino- and Non-Hispanic/Latino Whites Without Dementia. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 627322.	1.7	1
5650	Characterizing the impact of adversity, abuse, and neglect on adolescent amygdala resting-state functional connectivity. <i>Developmental Cognitive Neuroscience</i> , 2021, 47, 100894.	1.9	19
5651	Artificial intelligence for automatic cerebral ventricle segmentation and volume calculation: a clinical tool for the evaluation of pediatric hydrocephalus. <i>Journal of Neurosurgery: Pediatrics</i> , 2021, 27, 131-138.	0.8	17
5652	A Structure-Function Substrate of Memory for Spatial Configurations in Medial and Lateral Temporal Cortices. <i>Cerebral Cortex</i> , 2021, 31, 3213-3225.	1.6	6
5653	Early childhood stress is associated with blunted development of ventral tegmental area functional connectivity. <i>Developmental Cognitive Neuroscience</i> , 2021, 47, 100909.	1.9	24
5654	Executive function mediates the prospective association between neurostructural differences within the central executive network and antisocial behavior after childhood traumatic brain injury. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2021, 62, 1150-1161.	3.1	12
5656	Cortical Thinning in the Medial Temporal Lobe and Precuneus Is Related to Cognitive Deficits in Patients With Subcortical Ischemic Vascular Disease. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 614833.	1.7	12
5657	Functional MRI based simulations of ECoG grid configurations for optimal measurement of spatially distributed hand-gesture information. <i>Journal of Neural Engineering</i> , 2021, 18, 026013.	1.8	5
5658	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
5659	Effects of phase regression on high-resolution functional MRI of the primary visual cortex. <i>NeuroImage</i> , 2021, 227, 117631.	2.1	15
5660	Protective effects of cognitive and brain reserve in multiple sclerosis: Differential roles on social cognition and "classic cognition". <i>Multiple Sclerosis and Related Disorders</i> , 2021, 48, 102716.	0.9	1
5661	PREEMACS: Pipeline for preprocessing and extraction of the macaque brain surface. <i>NeuroImage</i> , 2021, 227, 117671.	2.1	10
5662	Cross-sectional associations between cortical thickness and physical activity in older adults with spontaneous memory complaints: The MAPT Study. <i>Journal of Sport and Health Science</i> , 2023, 12, 324-332.	3.3	10
5663	Towards understanding neurocognitive mechanisms of parenting: Maternal behaviors and structural brain network organization in late childhood. <i>Human Brain Mapping</i> , 2021, 42, 1845-1862.	1.9	5
5664	Influence of regional white matter hyperintensity volume and apolipoprotein E $\epsilon$ 4 status on hippocampal volume in healthy older adults. <i>Hippocampus</i> , 2021, 31, 469-480.	0.9	13



#	ARTICLE	IF	CITATIONS
5665	Neural Correlates of Long-Term Memory Enhancement Following Retrieval Practice. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 584560.	1.0	2
5667	Effects of the antibiotic rifaximin on cortical functional connectivity are mediated through insular cortex. <i>Scientific Reports</i> , 2021, 11, 4479.	1.6	3
5668	Daily Morning Blue Light Therapy for Post-mTBI Sleep Disruption: Effects on Brain Structure and Function. <i>Frontiers in Neurology</i> , 2021, 12, 625431.	1.1	11
5669	Plasma $\tau$ 181, $\tau$ 217, and other blood-based Alzheimer's disease biomarkers in a multi-ethnic, community study. <i>Alzheimer's and Dementia</i> , 2021, 17, 1353-1364.	0.4	160
5672	Picture naming yields highly consistent cortical activation patterns: Test-retest reliability of magnetoencephalography recordings. <i>NeuroImage</i> , 2021, 227, 117651.	2.1	18
5673	Associations between cognitive and clinical disability across MS subtypes: The role of the underlying brain damage. <i>Multiple Sclerosis and Related Disorders</i> , 2021, 48, 102701.	0.9	3
5674	Brain structure and parasympathetic function during rest and stress in young adult women. <i>Brain Structure and Function</i> , 2021, 226, 1195-1207.	1.2	2
5675	Heterogeneity of Cerebral White Matter Lesions and Clinical Correlates in Older Adults. <i>Stroke</i> , 2021, 52, 620-630.	1.0	14
5677	The distinctive sleep pattern of the human calcarine cortex: a stereo-electroencephalographic study. <i>Sleep</i> , 2021, 44, .	0.6	5
5678	Altered Neuroanatomical Asymmetries of Subcortical Structures in Subjective Cognitive Decline, Amnesic Mild Cognitive Impairment, and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2021, 79, 1121-1132.	1.2	13
5680	Regional Cortical Thickness in Children and Adolescents with Obesity. <i>Korean Journal of Family Practice</i> , 2021, 11, 61-66.	0.1	0
5682	Adaptive Memory Distortions Are Predicted by Feature Representations in Parietal Cortex. <i>Journal of Neuroscience</i> , 2021, 41, 3014-3024.	1.7	3
5684	Impaired visual working memory and reduced connectivity in undergraduates with a history of mild traumatic brain injury. <i>Scientific Reports</i> , 2021, 11, 2789.	1.6	13
5686	Resolving bundle-specific intra-axonal T2 values within a voxel using diffusion-relaxation tract-based estimation. <i>NeuroImage</i> , 2021, 227, 117617.	2.1	28
5689	Automatic Detection of Focal Cortical Dysplasia Type II in MRI: Is the Application of Surface-Based Morphometry and Machine Learning Promising?. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 608285.	1.0	11
5691	Brain tissue volume estimation to detect Alzheimer's disease in magnetic resonance images. <i>Soft Computing</i> , 2021, 25, 10007-10017.	2.1	3
5692	Neural Basis of Biased Competition in Development: Sensory Competition in Visual Cortex of School-Aged Children. <i>Cerebral Cortex</i> , 2021, 31, 3107-3121.	1.6	4
5693	Differential Patterns of Gyrus and Sulcus Morphological Changes During Normal Aging Process. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 625931.	1.7	13

#	ARTICLE	IF	CITATIONS
5694	Brain aging and speech perception: Effects of background noise and talker variability. <i>NeuroImage</i> , 2021, 227, 117675.	2.1	18
5696	Validation of group-wise registration for surface-based functional MRI analysis. , 2021, 11596, .		1
5699	Glucocorticoid regulation and neuroanatomy in fragile x syndrome. <i>Journal of Psychiatric Research</i> , 2021, 134, 81-88.	1.5	1
5700	Elevated lipids are associated with reduced regional brain structure in youth with bipolar disorder. <i>Acta Psychiatrica Scandinavica</i> , 2021, 143, 513-525.	2.2	20
5701	Sequence of clinical and neurodegeneration events in Parkinsonâ€™s disease progression. <i>Brain</i> , 2021, 144, 975-988.	3.7	49
5702	Brain Structural Covariance Networks in Behavioral Variant of Frontotemporal Dementia. <i>Brain Sciences</i> , 2021, 11, 192.	1.1	10
5703	MEG Intersubject Phase Locking of Stimulus-Driven Activity during Naturalistic Speech Listening Correlates with Musical Training. <i>Journal of Neuroscience</i> , 2021, 41, 2713-2722.	1.7	11
5704	Using magnetoencephalography to examine word recognition, lateralization, and future language skills in 14-month-old infants. <i>Developmental Cognitive Neuroscience</i> , 2021, 47, 100901.	1.9	13
5705	Machine Learning-Based Classification of Dementia Types: MRI Study. , 2021, , .		0
5706	Individual Magnetoencephalography Response Profiles to Short-Duration L-Dopa in Parkinsonâ€™s Disease. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 640591.	1.0	0
5708	Defining the latent period of epileptogenesis and epileptogenic zone in a focal cortical dysplasia type II (FCDII) rat model. <i>Epilepsia</i> , 2021, 62, 1268-1279.	2.6	8
5709	Neuroanatomy of expressive suppression: The role of the insula.. <i>Emotion</i> , 2021, 21, 405-418.	1.5	10
5710	Entorhinal cortex and parahippocampus volume reductions impact olfactory decline in aged subjects. <i>Brain and Behavior</i> , 2021, 11, e02115.	1.0	10
5713	Navigating the link between processing speed and network communication in the human brain. <i>Brain Structure and Function</i> , 2021, 226, 1281-1302.	1.2	23
5714	Ultra-high field fMRI reveals origins of feedforward and feedback activity within laminae of human ocular dominance columns. <i>NeuroImage</i> , 2021, 228, 117683.	2.1	25
5715	Dynamics of fMRI patterns reflect sub-second activation sequences and reveal replay in human visual cortex. <i>Nature Communications</i> , 2021, 12, 1795.	5.8	33
5717	Investigating the relationship between the SNCA gene and cognitive abilities in idiopathic Parkinsonâ€™s disease using machine learning. <i>Scientific Reports</i> , 2021, 11, 4917.	1.6	8
5720	Multiple b-values improve discrimination of cortical gray matter regions using diffusion MRI: an experimental validation with a data-driven approach. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2021, 34, 677-687.	1.1	2

#	ARTICLE	IF	CITATIONS
5721	An expanding manifold in transmodal regions characterizes adolescent reconfiguration of structural connectome organization. <i>ELife</i> , 2021, 10, .	2.8	47
5722	Age at First Exposure to Tackle Football is Associated with Cortical Thickness in Former Professional American Football Players. <i>Cerebral Cortex</i> , 2021, 31, 3426-3434.	1.6	11
5723	Increased Hippocampal Excitability and Altered Learning Dynamics Mediate Cognitive Mapping Deficits in Human Aging. <i>Journal of Neuroscience</i> , 2021, 41, 3204-3221.	1.7	19
5724	Significant association between intracranial volume and verbal intellectual abilities in patients with schizophrenia and a history of birth asphyxia. <i>Psychological Medicine</i> , 2022, 52, 3698-3707.	2.7	4
5725	Robust Cortical Thickness Morphometry of Neonatal Brain and Systematic Evaluation Using Multi-Site MRI Datasets. <i>Frontiers in Neuroscience</i> , 2021, 15, 650082.	1.4	10
5726	Neuroimaging genetic associations between <i>SEMA6D</i> , brain structure, and reading skills. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2021, 43, 276-289.	0.8	7
5727	Cognitive reappraisal and expressive suppression relate differentially to longitudinal structural brain development across adolescence. <i>Cortex</i> , 2021, 136, 109-123.	1.1	11
5728	The Effect of Congenital and Acquired Bilateral Anophthalmia on Brain Structure. <i>Neuro-Ophthalmology</i> , 2021, 45, 75-86.	0.4	0
5729	Structural brain changes and neuroticism in late-life depression: a neural basis for depression subtypes. <i>International Psychogeriatrics</i> , 2021, 33, 515-520.	0.6	11
5730	Atypical neural topographies underpin dysfunctional pattern separation in temporal lobe epilepsy. <i>Brain</i> , 2021, 144, 2486-2498.	3.7	26
5731	Examining the Coding Strength of Object Identity and Nonidentity Features in Human Occipito-Temporal Cortex and Convolutional Neural Networks. <i>Journal of Neuroscience</i> , 2021, 41, 4234-4252.	1.7	19
5732	The Amsterdam Open MRI Collection, a set of multimodal MRI datasets for individual difference analyses. <i>Scientific Data</i> , 2021, 8, 85.	2.4	63
5734	Presurgical accuracy of dipole clustering in MRI-negative pediatric patients with epilepsy: Validation against intracranial EEG and resection. <i>Clinical Neurophysiology</i> , 2022, 141, 126-138.	0.7	23
5735	Volumetric MRI Analysis of Brain Structures in Patients with History of First and Repeated Suicide Attempts: A Cross Sectional Study. <i>Diagnostics</i> , 2021, 11, 488.	1.3	10
5736	Contextual MEG and EEG Source Estimates Using Spatiotemporal LSTM Networks. <i>Frontiers in Neuroscience</i> , 2021, 15, 552666.	1.4	10
5737	Pinging the brain with transcranial magnetic stimulation reveals cortical reactivity in time and space. <i>Brain Stimulation</i> , 2021, 14, 304-315.	0.7	46
5738	Uses of Human MR and PET Imaging in Research of Neurodegenerative Brain Diseases. <i>Neurotherapeutics</i> , 2021, 18, 661-672.	2.1	9
5740	White Matter Connectivity and Gray Matter Volume Changes Following Donepezil Treatment in Patients With Mild Cognitive Impairment: A Preliminary Study Using Probabilistic Tractography. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 604940.	1.7	8

#	ARTICLE	IF	CITATIONS
5741	Attention selectively enhances stimulus information for surround over foveal stimulus representations in occipital cortex. <i>Journal of Vision</i> , 2021, 21, 20.	0.1	0
5742	Exploring the Relationship between Gray and White Matter in Healthy Adults: A Hybrid Research of Cortical Reconstruction and Tractography. <i>BioMed Research International</i> , 2021, 2021, 1-9.	0.9	3
5744	Cortical Representations of Visual Stimuli Shift Locations with Changes in Memory States. <i>Current Biology</i> , 2021, 31, 1119-1126.e5.	1.8	23
5745	Cortical mediation of relationships between dopamine receptor D2 and cognition is absent in youth at risk of bipolar disorder. <i>Psychiatry Research - Neuroimaging</i> , 2021, 309, 111258.	0.9	8
5746	Probable REM sleep behavior disorder is associated with longitudinal cortical thinning in Parkinson's disease. <i>Npj Parkinson's Disease</i> , 2021, 7, 19.	2.5	14
5747	Predicting amyloid positivity in patients with mild cognitive impairment using a radiomics approach. <i>Scientific Reports</i> , 2021, 11, 6954.	1.6	20
5748	Chronic musculoskeletal impairment is associated with alterations in brain regions responsible for the production and perception of movement. <i>Journal of Physiology</i> , 2021, 599, 2255-2272.	1.3	8
5749	Cortical Thickness Alterations in Patients With Tinnitus Before and After Sound Therapy: A Surface-Based Morphometry Study. <i>Frontiers in Neuroscience</i> , 2021, 15, 633364.	1.4	7
5750	Brain age prediction: A comparison between machine learning models using regional and voxel-based morphometric data. <i>Human Brain Mapping</i> , 2021, 42, 2332-2346.	1.9	60
5752	Reduced Hippocampal Subfield Volume in Schizophrenia and Clinical High-Risk State for Psychosis. <i>Frontiers in Psychiatry</i> , 2021, 12, 642048.	1.3	19
5753	Associations between childhood family emotional health, fronto-limbic grey matter volume, and saliva 5mC in young adulthood. <i>Clinical Epigenetics</i> , 2021, 13, 68.	1.8	0
5754	Noninvasive Mapping of Ripple Onset Predicts Outcome in Epilepsy Surgery. <i>Annals of Neurology</i> , 2021, 89, 911-925.	2.8	29
5755	Children with autism spectrum disorder show altered functional connectivity and abnormal maturation trajectories in response to inverted faces. <i>Autism Research</i> , 2021, 14, 1101-1114.	2.1	14
5756	Dorsal Anterior Cingulate Cortex Encodes the Integrated Incentive Motivational Value of Cognitive Task Performance. <i>Journal of Neuroscience</i> , 2021, 41, 3707-3720.	1.7	37
5757	Activities of the Right Temporo-Parieto-Occipital Junction Reflect Spatial Hearing Ability in Cochlear Implant Users. <i>Frontiers in Neuroscience</i> , 2021, 15, 613101.	1.4	1
5758	Medial prefrontal cortex and hippocampal activity differentially contribute to ordinal and temporal context retrieval during sequence memory. <i>Learning and Memory</i> , 2021, 28, 134-147.	0.5	8
5759	Translational neuroimaging in mild traumatic brain injury. <i>Journal of Neuroscience Research</i> , 2022, 100, 1201-1217.	1.3	11
5760	A Comparative Analysis of MRI Automated Segmentation of Subcortical Brain Volumes in a Large Dataset of Elderly Subjects. <i>Neuroinformatics</i> , 2022, 20, 63-72.	1.5	6

#	ARTICLE	IF	CITATIONS
5763	MORC1 methylation and BDI are associated with microstructural features of the hippocampus and medial prefrontal cortex. <i>Journal of Affective Disorders</i> , 2021, 282, 91-97.	2.0	9
5764	Cognitive impairment in schizophrenia: relationships with cortical thickness in fronto-temporal regions, and dissociability from symptom severity. <i>NPJ Schizophrenia</i> , 2021, 7, 20.	2.0	30
5765	Functional specialization within the inferior parietal lobes across cognitive domains. <i>ELife</i> , 2021, 10, .	2.8	65
5766	Structural brain network characteristics in patients with episodic and chronic migraine. <i>Journal of Headache and Pain</i> , 2021, 22, 8.	2.5	7
5767	Neural silences can be localized rapidly using noninvasive scalp EEG. <i>Communications Biology</i> , 2021, 4, 429.	2.0	9
5768	Behavioral and Neurodynamic Effects of Word Learning on Phonotactic Repair. <i>Frontiers in Psychology</i> , 2021, 12, 590155.	1.1	4
5769	Lower visual field preference for the visuomotor control of limb movements in the human dorsomedial parietal cortex. <i>Brain Structure and Function</i> , 2021, 226, 2989-3005.	1.2	12
5770	Multi-modal Mapping of the Face Selective Ventral Temporal Cortex—A Group Study With Clinical Implications for ECS, ECoG, and fMRI. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 616591.	1.0	8
5771	Age at symptom onset influences cortical thinning distribution and survival in amyotrophic lateral sclerosis. <i>Neuroradiology</i> , 2021, 63, 1481-1487.	1.1	14
5772	Sex differences in the neuroanatomy of alcohol dependence: hippocampus and amygdala subregions in a sample of 966 people from the ENIGMA Addiction Working Group. <i>Translational Psychiatry</i> , 2021, 11, 156.	2.4	30
5773	Volumetric distribution of perivascular space in relation to mild cognitive impairment. <i>Neurobiology of Aging</i> , 2021, 99, 28-43.	1.5	45
5774	Brain morphological abnormalities in children with cyclin-dependent kinase-like 5 deficiency disorder. <i>European Journal of Paediatric Neurology</i> , 2021, 31, 46-53.	0.7	5
5775	Node Centrality Measures Identify Relevant Structural MRI Features of Subjects with Autism. <i>Brain Sciences</i> , 2021, 11, 498.	1.1	4
5776	Association of physical activity levels and brain white matter in older Latino adults. <i>Ethnicity and Health</i> , 2021, , 1-17.	1.5	1
5779	Cortical Regions Activated by Spectrally Degraded Speech in Adults With Single Sided Deafness or Bilateral Normal Hearing. <i>Frontiers in Neuroscience</i> , 2021, 15, 618326.	1.4	1
5780	Acute cognitive impairment after traumatic brain injury predicts the occurrence of brain atrophy patterns similar to those observed in Alzheimer's disease. <i>GeroScience</i> , 2021, 43, 2015-2039.	2.1	13
5781	Functional Realignment of Frontoparietal Subnetworks during Divergent Creative Thinking. <i>Cerebral Cortex</i> , 2021, 31, 4464-4476.	1.6	18
5783	Distinguishing persistent post-traumatic headache from migraine: Classification based on clinical symptoms and brain structural MRI data. <i>Cephalalgia</i> , 2021, 41, 943-955.	1.8	14

#	ARTICLE	IF	CITATIONS
5784	Adaptive circuit dynamics across human cortex during evidence accumulation in changing environments. <i>Nature Neuroscience</i> , 2021, 24, 987-997.	7.1	43
5786	Distinct neural circuits are associated with subclinical neuropsychiatric symptoms in Parkinson's disease. <i>Journal of the Neurological Sciences</i> , 2021, 423, 117365.	0.3	12
5787	Characterizing cerebral hemodynamics across the adult lifespan with arterial spin labeling MRI data from the Human Connectome Project-Aging. <i>NeuroImage</i> , 2021, 230, 117807.	2.1	31
5788	Spherical Deformable U-Net: Application to Cortical Surface Parcellation and Development Prediction. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 1217-1228.	5.4	33
5789	Shared heritability of human face and brain shape. <i>Nature Genetics</i> , 2021, 53, 830-839.	9.4	57
5790	Network variants are similar between task and rest states. <i>NeuroImage</i> , 2021, 229, 117743.	2.1	41
5791	Hippocampal and Hippocampal-Subfield Volumes From Early-Onset Major Depression and Bipolar Disorder to Cognitive Decline. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 626974.	1.7	15
5792	Fronto-temporal cortical atrophy in ðˆˆ™ combination heroin and cannabis use disorder. <i>Drug and Alcohol Dependence</i> , 2021, 221, 108630.	1.6	2
5793	Retinotopic variations of the negative blood-oxygen-level dependent hemodynamic response function in human primary visual cortex. <i>Journal of Neurophysiology</i> , 2021, 125, 1045-1057.	0.9	4
5794	Variations in structural MRI quality significantly impact commonly used measures of brain anatomy. <i>Brain Informatics</i> , 2021, 8, 7.	1.8	42
5795	White matter microstructure of the neural emotion regulation circuitry in mild traumatic brain injury. <i>European Journal of Neuroscience</i> , 2021, 53, 3463-3475.	1.2	7
5796	Neural markers of suppression in impaired binocular vision. <i>NeuroImage</i> , 2021, 230, 117780.	2.1	8
5797	A longitudinal study of the association between basal ganglia volumes and psychomotor symptoms in subjects with late life depression undergoing ECT. <i>Translational Psychiatry</i> , 2021, 11, 199.	2.4	2
5799	Understanding the role of aerobic fitness, spatial learning, and hippocampal subfields in adolescent males. <i>Scientific Reports</i> , 2021, 11, 9311.	1.6	7
5801	Generalizing Longitudinal Age Effects on Brain Structure ðˆˆ™ A Two-Study Comparison Approach. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 635687.	1.0	3
5803	Cognitive behavioral therapy for patients with mild to moderate depression: Treatment effects and neural mechanisms. <i>Journal of Psychiatric Research</i> , 2021, 136, 288-295.	1.5	11
5804	The frontotemporal organization of the arcuate fasciculus and its relationship with speech perception in young and older amateur singers and nonðˆˆ™singers. <i>Human Brain Mapping</i> , 2021, 42, 3058-3076.	1.9	13
5805	The Role of Decreased Cortical Thickness and Volume of Medial Temporal Lobe Structures in Predicting Incident Psychosis in Patients With Alzheimer's Disease: A Prospective Longitudinal MRI Study. <i>American Journal of Geriatric Psychiatry</i> , 2022, 30, 46-53.	0.6	3

#	ARTICLE	IF	CITATIONS
5806	Morphological integration of the human brain across adolescence and adulthood. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	23
5807	Interacting with volatile environments stabilizes hidden-state inference and its brain signatures. Nature Communications, 2021, 12, 2228.	5.8	23
5808	Regional and global resting-state functional MR connectivity in temporal lobe epilepsy: Results from the Epilepsy Connectome Project. Epilepsy and Behavior, 2021, 117, 107841.	0.9	19
5809	Labeling lateral prefrontal sulci using spherical data augmentation and context-aware training. NeuroImage, 2021, 229, 117758.	2.1	19
5810	Structural neural correlates of individual differences in categorical perception. Brain and Language, 2021, 215, 104919.	0.8	8
5811	Late-life cynical hostility is associated with white matter alterations and the risk of Alzheimer's disease. Psychological Medicine, 2022, 52, 3636-3645.	2.7	2
5812	Functional decline in the aphasic variant of Alzheimer's disease. Alzheimer's and Dementia, 2021, 17, 1641-1648.	0.4	5
5814	Cognitive and Structural Correlates of Conversational Speech Timing in Mild Cognitive Impairment and Mild-to-Moderate Alzheimer's Disease: Relevance for Early Detection Approaches. Frontiers in Aging Neuroscience, 2021, 13, 637404.	1.7	6
5816	Distinct functional and structural connections predict crystallised and fluid cognition in healthy adults. Human Brain Mapping, 2021, 42, 3102-3118.	1.9	60
5817	Locus coeruleus MRI contrast is associated with cortical thickness in older adults. Neurobiology of Aging, 2021, 100, 72-82.	1.5	36
5818	Computation of the electroencephalogram (EEG) from network models of point neurons. PLoS Computational Biology, 2021, 17, e1008893.	1.5	20
5819	Differences in subcortico-cortical interactions identified from connectome and microcircuit models in autism. Nature Communications, 2021, 12, 2225.	5.8	63
5820	Prefrontal Responses during Proactive and Reactive Inhibition Are Differentially Impacted by Stress in Anorexia and Bulimia Nervosa. Journal of Neuroscience, 2021, 41, 4487-4499.	1.7	8
5822	Whole-brain functional MRI registration based on a semi-supervised deep learning model. Medical Physics, 2021, 48, 2847-2858.	1.6	4
5823	Assessing the effective connectivity of premotor areas during real vs imagined grasping: a DCM-PEB approach. NeuroImage, 2021, 230, 117806.	2.1	23
5824	Children with attention-deficit/hyperactivity disorder spend more time in hyperconnected network states and less time in segregated network states as revealed by dynamic connectivity analysis. NeuroImage, 2021, 229, 117753.	2.1	35
5827	Circulating Angiotensin-(1 <sup>7</sup> ) Is Reduced in Alzheimer's Disease Patients and Correlates With White Matter Abnormalities: Results From a Pilot Study. Frontiers in Neuroscience, 2021, 15, 636754.	1.4	13
5828	Quadratic relations of BMI with depression and brain volume in children: Analysis of data from the ABCD study. Journal of Psychiatric Research, 2021, 136, 421-427.	1.5	13

#	ARTICLE	IF	CITATIONS
5829	A Preferential Role for Ventromedial Prefrontal Cortex in Assessing the Value of the Whole in Multiattribute Object Evaluation. <i>Journal of Neuroscience</i> , 2021, 41, 5056-5068.	1.7	7
5831	Best Practices in Structural Neuroimaging of Neurodevelopmental Disorders. <i>Neuropsychology Review</i> , 2022, 32, 400-418.	2.5	14
5833	Association of vitamin D metabolites with cognitive function and brain atrophy in elderly individuals - the Austrian stroke prevention study. <i>Aging</i> , 2021, 13, 9455-9467.	1.4	7
5837	Distinct Regionalization Patterns of Cortical Morphology are Associated with Cognitive Performance Across Different Domains. <i>Cerebral Cortex</i> , 2021, 31, 3856-3871.	1.6	12
5838	Neuroimaging Phenotyping and Assessment of Structural-Metabolic-Electrophysiological Alterations in the Temporal Neocortex of Focal Cortical Dysplasia. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 54, 925-935.	1.9	12
5839	Evening preference correlates with regional brain volumes in the anterior occipital lobe. <i>Chronobiology International</i> , 2021, 38, 1135-1142.	0.9	8
5840	Attention and Default Mode Network Assessments of Meditation Experience during Active Cognition and Rest. <i>Brain Sciences</i> , 2021, 11, 566.	1.1	7
5841	Limits to visual representational correspondence between convolutional neural networks and the human brain. <i>Nature Communications</i> , 2021, 12, 2065.	5.8	66
5842	Preference for locomotion-compatible curved paths and forward direction of self-motion in somatomotor and visual areas. <i>Cortex</i> , 2021, 137, 74-92.	1.1	14
5843	High resolution structural and functional MRI of the hippocampus in young adults with Down syndrome. <i>Brain Communications</i> , 2021, 3, fcb088.	1.5	15
5844	Myelin development in visual scene-network tracts beyond late childhood: A multimethod neuroimaging study. <i>Cortex</i> , 2021, 137, 18-34.	1.1	7
5845	Sex Differences in the Association of Cigarette Craving With Insula Structure. <i>International Journal of Neuropsychopharmacology</i> , 2021, 24, 624-633.	1.0	17
5846	Neuroimaging markers of adolescent depression in the National Consortium on Alcohol and Neurodevelopment in Adolescence (NCANDA) study. <i>Journal of Affective Disorders</i> , 2021, 287, 380-386.	2.0	7
5848	Long-term effects of early treatment with SSRIs on cognition and brain development in individuals with 22q11.2 deletion syndrome. <i>Translational Psychiatry</i> , 2021, 11, 336.	2.4	7
5849	Cortical Thickness Estimation: A Comparison of FreeSurfer and Three Voxel-Based Methods in a Test-Retest Analysis and a Clinical Application. <i>Brain Topography</i> , 2021, 34, 430-441.	0.8	12
5850	Quantitative assessment of structural and functional changes in temporal lobe epilepsy with hippocampal sclerosis. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, 11, 1782-1795.	1.1	9
5851	Cortical morphometric correlational networks associated with cognitive deficits in first episode schizophrenia. <i>Schizophrenia Research</i> , 2021, 231, 179-188.	1.1	6
5852	Age-related differences in negative cognitive empathy but similarities in positive affective empathy. <i>Brain Structure and Function</i> , 2021, 226, 1823-1840.	1.2	14



#	ARTICLE	IF	CITATIONS
5853	Enhanced detection of cortical atrophy in Alzheimer's disease using structural MRI with anatomically constrained longitudinal registration. <i>Human Brain Mapping</i> , 2021, 42, 3576-3592.	1.9	9
5854	Preliminary In Vivo Evidence of Reduced Synaptic Density in Human Immunodeficiency Virus (HIV) Despite Antiretroviral Therapy. <i>Clinical Infectious Diseases</i> , 2021, 73, 1404-1411.	2.9	25
5855	Human Somatosensory Cortex Is Modulated during Motor Planning. <i>Journal of Neuroscience</i> , 2021, 41, 5909-5922.	1.7	34
5856	Association of Local Variation in Neighborhood Disadvantage in Metropolitan Areas With Youth Neurocognition and Brain Structure. <i>JAMA Pediatrics</i> , 2021, 175, e210426.	3.3	48
5857	Structural alterations in brainstem, basal ganglia and thalamus associated with parkinsonism in schizophrenia spectrum disorders. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2021, 271, 1455-1464.	1.8	6
5858	Elucidating distinct clinico-radiologic signatures in the borderland between neuromyelitis optica and multiple sclerosis. <i>Journal of Neurology</i> , 2022, 269, 269-279.	1.8	3
5859	Sex and dependence related neuroanatomical differences in regular cannabis users: findings from the ENIGMA Addiction Working Group. <i>Translational Psychiatry</i> , 2021, 11, 272.	2.4	14
5861	A network linking scene perception and spatial memory systems in posterior cerebral cortex. <i>Nature Communications</i> , 2021, 12, 2632.	5.8	42
5862	Misalignment between perceptual boundaries and weight categories reflects a new normal for body size perception. <i>Scientific Reports</i> , 2021, 11, 10442.	1.6	3
5863	Transcranial Focused Ultrasound Enhances Sensory Discrimination Capability through Somatosensory Cortical Excitation. <i>Ultrasound in Medicine and Biology</i> , 2021, 47, 1356-1366.	0.7	23
5864	A framework for identification of a resting-bold connectome associated with cognitive reserve. <i>NeuroImage</i> , 2021, 232, 117875.	2.1	16
5866	Convergence of Modality Invariance and Attention Selectivity in the Cortical Semantic Circuit. <i>Cerebral Cortex</i> , 2021, 31, 4825-4839.	1.6	6
5867	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
5870	In vivo hippocampal cornu ammonis 1&sup3; glutamatergic abnormalities are associated with temporal lobe epilepsy surgery outcomes. <i>Epilepsia</i> , 2021, 62, 1559-1568.	2.6	3
5871	Population-based body&sup3; brain mapping links brain morphology with anthropometrics and body composition. <i>Translational Psychiatry</i> , 2021, 11, 295.	2.4	17
5872	Amygdala size varies with stress perception. <i>Neurobiology of Stress</i> , 2021, 14, 100334.	1.9	8
5874	How cerebral cortex protects itself from interictal spikes: The alpha/beta inhibition mechanism. <i>Human Brain Mapping</i> , 2021, 42, 3352-3365.	1.9	14
5875	Behavioral phenotypes of temporal lobe epilepsy. <i>Epilepsia Open</i> , 2021, 6, 369-380.	1.3	10

#	ARTICLE	IF	CITATIONS
5876	Network interdigitations of Tau and amyloid $\beta$ deposits define cognitive levels in aging. <i>Human Brain Mapping</i> , 2021, 42, 2990-3004.	1.9	7
5877	Visual search efficiency and functional visual cortical size in children with and without dyslexia. <i>Neuropsychologia</i> , 2021, 155, 107819.	0.7	7
5878	The Interrelation Between Chronic Headache, Cognitive Scores, and MRI Markers Among Stroke Survivors. <i>Journal of Alzheimer's Disease</i> , 2021, 81, 1555-1566.	1.2	1
5880	Increased representation of the non-dominant hand in pianists demonstrated by measurement of 3D morphology of the central sulcus. <i>Psychoradiology</i> , 2021, 1, 66-72.	1.0	0
5881	Cortical Thickness, Volume, and Surface Area in the Motoric Cognitive Risk Syndrome. <i>Journal of Alzheimer's Disease</i> , 2021, 81, 651-665.	1.2	16
5882	Long-term Anabolic $\alpha$ -Androgenic Steroid Use Is Associated With Deviant Brain Aging. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 579-589.	1.1	15
5883	Posterior Cortical Cognitive Deficits Are Associated With Structural Brain Alterations in Mild Cognitive Impairment in Parkinson $\alpha$ 's Disease. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 668559.	1.7	15
5884	Sequence learning recodes cortical representations instead of strengthening initial ones. <i>PLoS Computational Biology</i> , 2021, 17, e1008969.	1.5	0
5885	Combining advanced MRI and EEG techniques better explains long-term motor outcome after very preterm birth. <i>Pediatric Research</i> , 2022, 91, 1874-1881.	1.1	2
5886	Brain Structure and Functional Connectivity Correlate with Psychosocial Development in Contemplative Practitioners and Controls. <i>Brain Sciences</i> , 2021, 11, 728.	1.1	5
5887	Abnormal Right-Hemispheric Sulcal Patterns Correlate with Executive Function in Adolescents with Tetralogy of Fallot. <i>Cerebral Cortex</i> , 2021, 31, 4670-4680.	1.6	4
5888	The "when" and "where" of the interplay between attentional capture and response inhibition during a Go/NoGo variant. <i>NeuroImage</i> , 2021, 231, 117837.	2.1	8
5889	Explainable Deep Learning for Personalized Age Prediction With Brain Morphology. <i>Frontiers in Neuroscience</i> , 2021, 15, 674055.	1.4	38
5890	Associations between brain structure and sleep patterns across adolescent development. <i>Sleep</i> , 2021, 44, .	0.6	20
5891	The organizational principles of de-differentiated topographic maps in somatosensory cortex. <i>ELife</i> , 2021, 10, .	2.8	13
5892	Surface $\alpha$ -Based Connectivity Integration: An atlas $\alpha$ -free approach to jointly study functional and structural connectivity. <i>Human Brain Mapping</i> , 2021, 42, 3481-3499.	1.9	9
5894	No relationship between frontal alpha asymmetry and depressive disorders in a multiverse analysis of five studies. <i>ELife</i> , 2021, 10, .	2.8	30
5895	Robotic hand augmentation drives changes in neural body representation. <i>Science Robotics</i> , 2021, 6, .	9.9	72

#	ARTICLE	IF	CITATIONS
5896	Development of attention networks from childhood to young adulthood: A study of performance, intraindividual variability and cortical thickness. <i>Cortex</i> , 2021, 138, 138-151.	1.1	12
5897	Estimating brain age from structural MRI and MEG data: Insights from dimensionality reduction techniques. <i>NeuroImage</i> , 2021, 231, 117822.	2.1	25
5898	Cognitive Empathy and Longitudinal Changes in Temporo-Parietal Junction Thickness in Schizophrenia. <i>Frontiers in Psychiatry</i> , 2021, 12, 667656.	1.3	4
5899	Functional connectivity of the hippocampus and its subfields in resting-state networks. <i>European Journal of Neuroscience</i> , 2021, 53, 3378-3393.	1.2	24
5900	Voxel-Based State Space Modeling Recovers Task-Related Cognitive States in Naturalistic fMRI Experiments. <i>Frontiers in Neuroscience</i> , 2020, 14, 565976.	1.4	5
5901	Differential neural plasticity of individual fingers revealed by fMRI neurofeedback. <i>Journal of Neurophysiology</i> , 2021, 125, 1720-1734.	0.9	3
5903	Intracranial Recordings Demonstrate Both Cortical and Medial Temporal Lobe Engagement in Visual Search in Humans. <i>Journal of Cognitive Neuroscience</i> , 2021, 33, 1-29.	1.1	2
5906	Optic flow selectivity in the macaque parieto-occipital sulcus. <i>Brain Structure and Function</i> , 2021, 226, 2911-2930.	1.2	9
5907	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
5908	Divergent effects of irradiation on brain cortical morphology in patients with nasopharyngeal carcinoma: one-year follow-up study using structural magnetic resonance imaging. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, 11, 2307-2320.	1.1	1
5909	Age-related disintegration in functional connectivity: Evidence from Reference Ability Neural Network (RANN) cohort. <i>Neuropsychologia</i> , 2021, 156, 107856.	0.7	2
5910	Cortical gray matter reduction precedes transition to psychosis in individuals at clinical high-risk for psychosis: A voxel-based meta-analysis. <i>Schizophrenia Research</i> , 2021, 232, 98-106.	1.1	15
5911	A neurostructural biomarker of dissociative amnesia: a hippocampal study in dissociative identity disorder. <i>Psychological Medicine</i> , 2023, 53, 805-813.	2.7	11
5912	Machine learning and deep learning algorithms used to diagnosis of Alzheimer's™s: Review. <i>Materials Today: Proceedings</i> , 2021, 47, 5151-5156.	0.9	7
5913	Orbitofrontal and Cingulate Thickness Asymmetry Associated with Depressive Symptom Dimensions. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2021, 21, 1297-1305.	1.0	8
5917	Elucidation of the relationship between sensory processing and white matter using diffusion tensor imaging tractography in young adults. <i>Scientific Reports</i> , 2021, 11, 12088.	1.6	4
5918	Improved cortical surface reconstruction using sub-millimeter resolution MPRAGE by image denoising. <i>NeuroImage</i> , 2021, 233, 117946.	2.1	11
5919	Behavioral correlates of cortical semantic representations modeled by word vectors. <i>PLoS Computational Biology</i> , 2021, 17, e1009138.	1.5	11

#	ARTICLE	IF	CITATIONS
5920	The transverse occipital sulcus and intraparietal sulcus show neural selectivity to object-scene size relationships. <i>Communications Biology</i> , 2021, 4, 768.	2.0	6
5921	Investigating the Association of Wallerian Degeneration and Diaschisis After Ischemic Stroke With BOLD Cerebrovascular Reactivity. <i>Frontiers in Physiology</i> , 2021, 12, 645157.	1.3	5
5922	Structural variation in the temporal lobe predicts learning and retention of non-native speech sounds. <i>Language, Cognition and Neuroscience</i> , 2022, 37, 63-79.	0.7	3
5923	Frontal White Matter Hyperintensities and Executive Functioning Performance in Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 672535.	1.7	12
5925	Neuroimaging correlates of persistent fatigue in older adults: A secondary analysis from the Multidomain Alzheimer Preventive Trial (MAPT) trial. <i>Aging and Mental Health</i> , 2022, 26, 1654-1660.	1.5	1
5926	Functional and morphological correlates of developmental dyslexia: A multimodal investigation of the ventral occipitotemporal cortex. <i>Journal of Neuroimaging</i> , 2021, 31, 962-972.	1.0	5
5927	Sex Differences in Lifespan Trajectories and Variability of Human Sulcal and Gyral Morphology. <i>Cerebral Cortex</i> , 2021, 31, 5107-5120.	1.6	9
5928	Effect of citalopram on hippocampal volume in first-episode schizophrenia: Structural MRI results from the DECIFER trial. <i>Psychiatry Research - Neuroimaging</i> , 2021, 312, 111286.	0.9	3
5929	Intra- and interhemispheric symmetry of subcortical brain structures: a volumetric analysis in the aging human brain. <i>Brain Structure and Function</i> , 2021, , 1.	1.2	3
5931	Story Memory Impairment Rates and Association with Hippocampal Volumes in a Memory Clinic Population. <i>Journal of the International Neuropsychological Society</i> , 2022, 28, 611-619.	1.2	4
5932	Assessing methods for geometric distortion compensation in $\times$ gradient echo functional MRI data. <i>Human Brain Mapping</i> , 2021, 42, 4205-4223.	1.9	14
5933	Inter-individual body mass variations relate to fractionated functional brain hierarchies. <i>Communications Biology</i> , 2021, 4, 735.	2.0	25
5934	Pre-motor versus motor cerebral cortex neuromodulation for chronic neuropathic pain. <i>Scientific Reports</i> , 2021, 11, 12688.	1.6	9
5935	Secretin activates brown fat and induces satiation. <i>Nature Metabolism</i> , 2021, 3, 798-809.	5.1	41
5936	Bridging Brain and Cognition: A Multilayer Network Analysis of Brain Structural Covariance and General Intelligence in a Developmental Sample of Struggling Learners. <i>Journal of Intelligence</i> , 2021, 9, 32.	1.3	12
5937	Structural Connectivity Gradients of the Temporal Lobe Serve as Multiscale Axes of Brain Organization and Cortical Evolution. <i>Cerebral Cortex</i> , 2021, 31, 5151-5164.	1.6	21
5938	Altered Gray-White Matter Boundary Contrast in Toddlers at Risk for Autism Relates to Later Diagnosis of Autism Spectrum Disorder. <i>Frontiers in Neuroscience</i> , 2021, 15, 669194.	1.4	5
5939	Cortical structural changes related to early antiretroviral therapy (ART) interruption in perinatally HIV-infected children at 5 years of age. <i>IBRO Neuroscience Reports</i> , 2021, 10, 161-170.	0.7	4

#	ARTICLE	IF	CITATIONS
5940	Classification of first-episode psychosis using cortical thickness: A large multicenter MRI study. <i>European Neuropsychopharmacology</i> , 2021, 47, 34-47.	0.3	6
5941	Associations Between Brain Structural Alterations, Executive Dysfunction, and General Psychopathology in a Healthy and Cross-Diagnostic Adult Patient Sample. <i>Biological Psychiatry Global Open Science</i> , 2022, 2, 17-27.	1.0	10
5942	Structural neuroimaging phenotypes of a novel multi-gene risk score in youth bipolar disorder. <i>Journal of Affective Disorders</i> , 2021, 289, 135-143.	2.0	1
5943	Reading-Related Brain Changes in Audiovisual Processing: Cross-Sectional and Longitudinal MEG Evidence. <i>Journal of Neuroscience</i> , 2021, 41, 5867-5875.	1.7	11
5944	An exploratory magnetic resonance imaging study of suicidal ideation in individuals at clinical high-risk for psychosis. <i>Psychiatry Research - Neuroimaging</i> , 2021, 312, 111287.	0.9	1
5945	Inhibitory effect of tDCS on auditory evoked response: Simultaneous MEG-tDCS reveals causal role of right auditory cortex in pitch learning. <i>NeuroImage</i> , 2021, 233, 117915.	2.1	13
5946	The genetic organization of longitudinal subcortical volumetric change is stable throughout the lifespan. <i>ELife</i> , 2021, 10, .	2.8	7
5947	Is there any incremental benefit to conducting neuroimaging and neurocognitive assessments in the diagnosis of ADHD in young children? A machine learning investigation. <i>Developmental Cognitive Neuroscience</i> , 2021, 49, 100966.	1.9	21
5948	Fiber-specific white matter alterations in early-stage tremor-dominant Parkinson's disease. <i>Npj Parkinson's Disease</i> , 2021, 7, 51.	2.5	9
5949	Music-selective neural populations arise without musical training. <i>Journal of Neurophysiology</i> , 2021, 125, 2237-2263.	0.9	33
5951	Cortical Thickness and Its Association with Clinical Cognitive and Neuroimaging Markers in Cerebral Amyloid Angiopathy. <i>Journal of Alzheimer's Disease</i> , 2021, 81, 1663-1671.	1.2	17
5952	Arterial stiffness and progression of cerebral white matter hyperintensities in patients with type 2 diabetes and matched controls: a 5-year cohort study. <i>Diabetology and Metabolic Syndrome</i> , 2021, 13, 71.	1.2	5
5953	Altered Functional Connectivity and Cognition Persists 4 Years After a Transient Ischemic Attack or Minor Stroke. <i>Frontiers in Neurology</i> , 2021, 12, 612177.	1.1	6
5954	Evaluation of a connectivity-based imaging metric that reflects functional decline in Multiple Sclerosis. <i>PLoS ONE</i> , 2021, 16, e0251338.	1.1	3
5955	Association Between Visceral Fat and Brain Cortical Thickness in the Elderly: A Neuroimaging Study. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 694629.	1.7	9
5957	Correlations between peripheral levels of inflammatory mediators and frontolimbic structures in bipolar disorder: an exploratory analysis. <i>CNS Spectrums</i> , 2022, 27, 639-644.	0.7	3
5958	A novel beamformer-based imaging of phase-amplitude coupling (BIPAC) unveiling the inter-regional connectivity of emotional prosody processing in women with primary dysmenorrhea. <i>Journal of Neural Engineering</i> , 2021, 18, 046074.	1.8	6
5959	Fronto-striatal structures related with model-based control as an endophenotype for obsessive-compulsive disorder. <i>Scientific Reports</i> , 2021, 11, 11951.	1.6	2

#	ARTICLE	IF	CITATIONS
5960	Multiple Adjoining Word- and Face-Selective Regions in Ventral Temporal Cortex Exhibit Distinct Dynamics. <i>Journal of Neuroscience</i> , 2021, 41, 6314-6327.	1.7	8
5961	Social behaviors and gray matter volumes of brain areas supporting social cognition in children and adolescents with prenatal alcohol exposure. <i>Brain Research</i> , 2021, 1761, 147388.	1.1	8
5962	White and Gray Matter Abnormalities in Australian Footballers With a History of Sports-Related Concussion: An MRI Study. <i>Cerebral Cortex</i> , 2021, 31, 5331-5338.	1.6	7
5963	Attentional Modulation of Hierarchical Speech Representations in a Multitalker Environment. <i>Cerebral Cortex</i> , 2021, 31, 4986-5005.	1.6	12
5964	Stability of ripple events during task engagement in human hippocampus. <i>Cell Reports</i> , 2021, 35, 109304.	2.9	17
5965	Dopaminergic organization of striatum is linked to cortical activity and brain expression of genes associated with psychiatric illness. <i>Science Advances</i> , 2021, 7, .	4.7	13
5967	Few Structural Brain Changes Associated With Moderate-Intensity Interval Training and Low-Intensity Continuous Training in a Randomized Trial of Fitness and Older Adults. <i>Journal of Aging and Physical Activity</i> , 2021, 29, 505-515.	0.5	4
5969	Elevated norepinephrine metabolism is linked to cortical thickness in the context of Alzheimer's disease pathology. <i>Neurobiology of Aging</i> , 2021, 102, 17-22.	1.5	11
5970	A Cortical Surface-Based Meta-Analysis of Human Reasoning. <i>Cerebral Cortex</i> , 2021, 31, 5497-5510.	1.6	5
5972	Structural Gray and White Matter Correlates of Awareness in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2021, 81, 1321-1330.	1.2	2
5976	Cholinergic basal forebrain and hippocampal structure influence visuospatial memory in Parkinson's disease. <i>Brain Imaging and Behavior</i> , 2022, 16, 118-129.	1.1	7
5977	A Dataset to Study Pragmatic Language and Its Underlying Cognitive Processes. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 666210.	1.0	2
5980	Cerebrovascular Responses to O <sub>2</sub> -CO <sub>2</sub> Exchange Ratio under Brief Breath-Hold Challenge in Patients with Chronic Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2021, 38, 2851-2861.	1.7	2
5981	Impaired Cerebrovascular Reactivity in Huntington's Disease. <i>Frontiers in Physiology</i> , 2021, 12, 663898.	1.3	5
5982	Maturational trajectories of pericortical contrast in typical brain development. <i>NeuroImage</i> , 2021, 235, 117974.	2.1	9
5983	MR Imaging of Human Brain Mechanics In Vivo: New Measurements to Facilitate the Development of Computational Models of Brain Injury. <i>Annals of Biomedical Engineering</i> , 2021, 49, 2677-2692.	1.3	24
5984	Structural atrophy of the right superior frontal gyrus in adolescents with severe irritability. <i>Human Brain Mapping</i> , 2021, 42, 4611-4622.	1.9	7
5985	Corpus callosum size and homotopic connectivity in Autism spectrum disorder. <i>Psychiatry Research - Neuroimaging</i> , 2021, 313, 111301.	0.9	12

#	ARTICLE	IF	CITATIONS
5986	A Simulation Toolkit for Testing the Sensitivity and Accuracy of Corticometry Pipelines. <i>Frontiers in Neuroinformatics</i> , 2021, 15, 665560.	1.3	0
5987	Thalamus Radiomics-Based Disease Identification and Prediction of Early Treatment Response for Schizophrenia. <i>Frontiers in Neuroscience</i> , 2021, 15, 682777.	1.4	8
5988	Long-term clinical, MRI, and cognitive follow-up in a large cohort of pathologically confirmed, predominantly tumefactive multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2022, 28, 441-452.	1.4	8
5989	Determination of Dynamic Brain Connectivity via Spectral Analysis. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 655576.	1.0	12
5990	Rapid whole-brain electric field mapping in transcranial magnetic stimulation using deep learning. <i>PLoS ONE</i> , 2021, 16, e0254588.	1.1	11
5991	Cortical thickness distinguishes between major depression and schizophrenia in adolescents. <i>BMC Psychiatry</i> , 2021, 21, 361.	1.1	6
5992	Brain network modularity predicts changes in cortical thickness in children involved in a physical activity intervention. <i>Psychophysiology</i> , 2021, 58, e13890.	1.2	9
5993	Source imaging of seizure onset predicts surgical outcome in pediatric epilepsy. <i>Clinical Neurophysiology</i> , 2021, 132, 1622-1635.	0.7	15
5994	Executive Function Assigns Value to Novel Goal-Congruent Outcomes. <i>Cerebral Cortex</i> , 2021, 32, 231-247.	1.6	9
5995	Cortical and white matter correlates of language learning aptitudes. <i>Human Brain Mapping</i> , 2021, 42, 5037-5050.	1.9	7
5996	A generative network model of neurodevelopmental diversity in structural brain organization. <i>Nature Communications</i> , 2021, 12, 4216.	5.8	34
5997	Generation of synthetic PET images of synaptic density and amyloid from <sup>18</sup> F-FDG images using deep learning. <i>Medical Physics</i> , 2021, 48, 5115-5129.	1.6	12
5998	12-year prediction of mild cognitive impairment aided by Alzheimer's brain signatures at mean age 56. <i>Brain Communications</i> , 2021, 3, fcab167.	1.5	7
5999	Common cortical areas have different neural mechanisms for covert and overt visual pursuits. <i>Scientific Reports</i> , 2021, 11, 13933.	1.6	3
6000	A systematic evaluation of source reconstruction of resting MEG of the human brain with a new high-resolution atlas: Performance, precision, and parcellation. <i>Human Brain Mapping</i> , 2021, 42, 4685-4707.	1.9	26
6001	X-chromosome influences on neuroanatomical variation in humans. <i>Nature Neuroscience</i> , 2021, 24, 1216-1224.	7.1	26
6002	Predicting identity-preserving object transformations across the human ventral visual stream. <i>Journal of Neuroscience</i> , 2021, 41, JN-RM-2137-20.	1.7	4
6003	Temporo-parietal brain regions are involved in higher order object perception. <i>NeuroImage</i> , 2021, 234, 117982.	2.1	3

#	ARTICLE	IF	CITATIONS
6004	Connectome analysis of male world-class gymnasts using probabilistic multishell, multitissue constrained spherical deconvolution tracking. <i>Journal of Neuroscience Research</i> , 2021, 99, 2558-2572.	1.3	1
6006	Recruitment of dlPFC during dietary self-regulation predicts the transience of regulatory effects. <i>Social Cognitive and Affective Neuroscience</i> , 2023, 18, .	1.5	4
6007	Individual variation underlying brain age estimates in typical development. <i>NeuroImage</i> , 2021, 235, 118036.	2.1	30
6008	Brain Magnetic Resonance Imaging Volumetric Measures of Functional Outcome after Severe Traumatic Brain Injury in Adolescents. <i>Journal of Neurotrauma</i> , 2021, 38, 1799-1808.	1.7	3
6010	Genetic risk for bipolar disorder and schizophrenia predicts structure and function of the ventromedial prefrontal cortex. <i>Journal of Psychiatry and Neuroscience</i> , 2021, 46, E441-E450.	1.4	10
6011	Combining Repetition Suppression and Pattern Analysis Provides New Insights into the Role of M1 and Parietal Areas in Skilled Sequential Actions. <i>Journal of Neuroscience</i> , 2021, 41, 7649-7661.	1.7	6
6012	Gray matter volume correlates of adolescent posttraumatic stress disorder: A comparison of manual intervention and automated segmentation in FreeSurfer. <i>Psychiatry Research - Neuroimaging</i> , 2021, 313, 111297.	0.9	7
6013	Interacting effects of frontal lobe neuroanatomy and working memory capacity to older listeners' speech recognition in noise. <i>Neuropsychologia</i> , 2021, 158, 107892.	0.7	11
6014	Inter-hemispheric Functional Connections Are More Vulnerable to Attack Than Structural Connection in Patients With Irritable Bowel Syndrome. <i>Journal of Neurogastroenterology and Motility</i> , 2021, 27, 426-435.	0.8	6
6015	Changes in the Functional Brain Network of Children Undergoing Repeated Epilepsy Surgery: An EEG Source Connectivity Study. <i>Diagnostics</i> , 2021, 11, 1234.	1.3	9
6016	Activity flow underlying abnormalities in brain activations and cognition in schizophrenia. <i>Science Advances</i> , 2021, 7, .	4.7	21
6017	Spine and Individual Vertebrae Segmentation in Computed Tomography Images Using Geometric Flows and Shape Priors. <i>Frontiers in Computer Science</i> , 2021, 3, .	1.7	7
6018	Simultaneous changes in visual acuity, cortical population receptive field size, visual field map size, and retinal thickness in healthy human aging. <i>Brain Structure and Function</i> , 2021, 226, 2839-2853.	1.2	9
6019	Surface-Based Falff: A Potential Novel Biomarker for Prediction of Radiation Encephalopathy in Patients With Nasopharyngeal Carcinoma. <i>Frontiers in Neuroscience</i> , 2021, 15, 692575.	1.4	8
6020	Inflammatory markers and tract-based structural connectomics in older adults with a preliminary exploration of associations by race. <i>Brain Imaging and Behavior</i> , 2022, 16, 130-140.	1.1	0
6021	Cortical Correlates of Impulsive Aggressive Behavior in Pediatric Bipolar Disorder. <i>Frontiers in Psychiatry</i> , 2021, 12, 674707.	1.3	7
6022	Associations between long-term psychosis risk, probabilistic category learning, and attenuated psychotic symptoms with cortical surface morphometry. <i>Brain Imaging and Behavior</i> , 2022, 16, 91-106.	1.1	2
6024	Maturity of gray matter structures and white matter connectomes, and their relationship with psychiatric symptoms in youth. <i>Human Brain Mapping</i> , 2021, 42, 4568-4579.	1.9	15



#	ARTICLE	IF	CITATIONS
6025	A longitudinal study of lateral ventricle volumes in deficit and non-deficit schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2021, 313, 111311.	0.9	2
6027	Age Influences Loss Aversion Through Effects on Posterior Cingulate Cortical Thickness. <i>Frontiers in Neuroscience</i> , 2021, 15, 673106.	1.4	4
6028	Brain structural changes in patients with cardio-facio-cutaneous syndrome: effects of BRAF gene mutation and epilepsy on brain development. A "case-control study by quantitative magnetic resonance imaging. <i>Neuroradiology</i> , 2022, 64, 185-195.	1.1	5
6030	Identifying a Common Functional Framework for Apathy Large-Scale Brain Network. <i>Journal of Personalized Medicine</i> , 2021, 11, 679.	1.1	5
6031	Representation of social content in dorsomedial prefrontal cortex underlies individual differences in agreeableness trait. <i>NeuroImage</i> , 2021, 235, 118049.	2.1	7
6032	Morphometry of the lateral orbitofrontal cortex is associated with eating dispositions in early adolescence: findings from a large population-based study. <i>Social Cognitive and Affective Neuroscience</i> , 2023, 18, .	1.5	7
6033	Unveiling the third dimension in morphometry with automated quantitative volumetric computations. <i>Scientific Reports</i> , 2021, 11, 14438.	1.6	4
6034	Intracranial EEG evidence of functional specialization for taxonomic and thematic relations. <i>Cortex</i> , 2021, 140, 40-50.	1.1	11
6035	Optimal design of on-scalp electromagnetic sensor arrays for brain source localisation. <i>Human Brain Mapping</i> , 2021, 42, 4869-4879.	1.9	24
6038	Caudate nucleus volume mediates the link between glutamatergic neurotransmission and problematic smartphone use in youth. <i>Journal of Behavioral Addictions</i> , 2021, 10, 338-346.	1.9	6
6039	An Intracranial Electrophysiology Study of Visual Language Encoding: The Contribution of the Precentral Gyrus to Silent Reading. <i>Journal of Cognitive Neuroscience</i> , 2021, 33, 2197-2214.	1.1	10
6040	Cortical Morphometric Abnormality and Its Association with Working Memory in Children with Attention-Deficit/Hyperactivity Disorder. <i>Psychiatry Investigation</i> , 2021, 18, 679-687.	0.7	3
6042	Geometric deep learning on brain shape predicts sex and age. <i>Computerized Medical Imaging and Graphics</i> , 2021, 91, 101939.	3.5	13
6044	Multi-Modal Segmentation of 3D Brain Scans Using Neural Networks. <i>Frontiers in Neurology</i> , 2021, 12, 653375.	1.1	5
6045	Polygenic scores for handedness and their association with asymmetries in brain structure. <i>Brain Structure and Function</i> , 2022, 227, 515-527.	1.2	6
6046	Topographic maps and neural tuning for sensory substitution dimensions learned in adulthood in a congenital blind subject. <i>NeuroImage</i> , 2021, 235, 118029.	2.1	6
6047	Structural brain abnormalities associated with cognitive impairments in bipolar disorder. <i>Acta Psychiatrica Scandinavica</i> , 2021, 144, 379-391.	2.2	8
6048	History Modulates Early Sensory Processing of Salient Distractors. <i>Journal of Neuroscience</i> , 2021, 41, 8007-8022.	1.7	31

#	ARTICLE	IF	CITATIONS
6050	Neurobiological antecedents of multisite pain in children. <i>Pain</i> , 2022, 163, e596-e603.	2.0	16
6051	Bilateral age-related atrophy in the planum temporale is associated with vowel discrimination difficulty in healthy older adults. <i>Hearing Research</i> , 2021, 406, 108252.	0.9	3
6052	Interindividual differences in matrix reasoning are linked to functional connectivity between brain regions nominated by Parieto-Frontal Integration Theory. <i>Intelligence</i> , 2021, 87, 101545.	1.6	15
6053	Surface-based hippocampal subfield segmentation. <i>Trends in Neurosciences</i> , 2021, 44, 856-863.	4.2	23
6054	Increased medial prefrontal cortical thickness and resilience to traumatic experiences in North Korean refugees. <i>Scientific Reports</i> , 2021, 11, 14910.	1.6	13
6055	Abnormal interhemispheric resting state functional connectivity in Parkinson's disease patients with impulse control disorders. <i>Npj Parkinson's Disease</i> , 2021, 7, 60.	2.5	9
6057	Abnormalities of cortical structures in patients with postpartum depression: A surface-based morphometry study. <i>Behavioural Brain Research</i> , 2021, 410, 113340.	1.2	10
6059	The neural representation of abstract words may arise through grounding word meaning in language itself. <i>Human Brain Mapping</i> , 2021, 42, 4973-4984.	1.9	12
6060	Cerebral cortex maldevelopment in syndromic craniosynostosis. <i>Developmental Medicine and Child Neurology</i> , 2022, 64, 118-124.	1.1	4
6061	Cortical metabolic and structural differences in patients with chronic migraine. An exploratory 18FDG-PET and MRI study. <i>Journal of Headache and Pain</i> , 2021, 22, 75.	2.5	10
6062	How does the brain navigate knowledge of social relations? Testing for shared neural mechanisms for shifting attention in space and social knowledge. <i>NeuroImage</i> , 2021, 235, 118019.	2.1	8
6063	White matter abnormalities in active elite adult rugby players. <i>Brain Communications</i> , 2021, 3, fcab133.	1.5	19
6064	Cognitive insights from tertiary sulci in prefrontal cortex. <i>Nature Communications</i> , 2021, 12, 5122.	5.8	38
6065	Age-Dependent Contribution of Domain-General Networks to Semantic Cognition. <i>Cerebral Cortex</i> , 2022, 32, 870-890.	1.6	19
6066	Whole-brain morphological alterations associated with trigeminal neuralgia. <i>Journal of Headache and Pain</i> , 2021, 22, 95.	2.5	16
6067	Inter-subject stability and regional concentration estimates of 3D <sup>1</sup> H-MRSI in the human brain at 7 T. <i>NMR in Biomedicine</i> , 2021, 34, e4596.	1.6	10
6068	Joint super-resolution and synthesis of 1 mm isotropic MP-RAGE volumes from clinical MRI exams with scans of different orientation, resolution and contrast. <i>NeuroImage</i> , 2021, 237, 118206.	2.1	52
6070	A multidisciplinary assessment of pain in juvenile idiopathic arthritis. <i>Seminars in Arthritis and Rheumatism</i> , 2021, 51, 700-711.	1.6	9

#	ARTICLE	IF	CITATIONS
6071	Multiple parietal pathways are associated with rTMS-induced hippocampal network enhancement and episodic memory changes. <i>NeuroImage</i> , 2021, 237, 118199.	2.1	3
6072	Longitudinal predictive modeling of tau progression along the structural connectome. <i>NeuroImage</i> , 2021, 237, 118126.	2.1	8
6073	A quadratic model captures the human V1 response to variations in chromatic direction and contrast. <i>ELife</i> , 2021, 10, .	2.8	3
6074	Conceptual Combination in the LATL With and Without Syntactic Composition. <i>Neurobiology of Language (Cambridge, Mass )</i> , 2022, 3, 46-66.	1.7	4
6075	Association between metabolic syndrome and resting-state functional brain connectivity. <i>Neurobiology of Aging</i> , 2021, 104, 1-9.	1.5	8
6078	Convergent and Discriminant Validity of Default Mode Network and Limbic Network Perfusion in Amnesic Mild Cognitive Impairment Patients. <i>Journal of Alzheimer's Disease</i> , 2021, 82, 1797-1808.	1.2	4
6079	Multi-Racial Normative Data for Lobar and Subcortical Brain Volumes in Old Age: Korean and Caucasian Norms May Be Incompatible With Each Other. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 675016.	1.7	4
6080	Investigation of cortical thickness and volume during spontaneous attacks of migraine without aura: a 3-Tesla MRI study. <i>Journal of Headache and Pain</i> , 2021, 22, 98.	2.5	11
6081	S3Reg: Superfast Spherical Surface Registration Based on Deep Learning. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 1964-1976.	5.4	17
6082	Hippocampal Representations of Event Structure and Temporal Context during Episodic Temporal Order Memory. <i>Cerebral Cortex</i> , 2021, , .	1.6	4
6083	Quality control strategies for brain MRI segmentation and parcellation: Practical approaches and recommendations - insights from the Maastricht study. <i>NeuroImage</i> , 2021, 237, 118174.	2.1	37
6085	Retinotopic organization of visual cortex in human infants. <i>Neuron</i> , 2021, 109, 2616-2626.e6.	3.8	21
6086	Tractography density affects whole-brain structural architecture and resting-state dynamical modeling. <i>NeuroImage</i> , 2021, 237, 118176.	2.1	10
6087	Comparison of traveling subject and ComBat harmonization methods for assessing structural brain characteristics. <i>Human Brain Mapping</i> , 2021, 42, 5278-5287.	1.9	47
6088	Subcortical brain structure in children with developmental coordination disorder: A T1-weighted volumetric study. <i>Brain Imaging and Behavior</i> , 2021, 15, 2756-2765.	1.1	5
6089	Decoding Object-Based Auditory Attention from Source-Reconstructed MEG Alpha Oscillations. <i>Journal of Neuroscience</i> , 2021, 41, 8603-8617.	1.7	16
6091	What Deception Tasks Used in the Lab Really Do: Systematic Review and Meta-analysis of Ecological Validity of fMRI Deception Tasks. <i>Neuroscience</i> , 2021, 468, 88-109.	1.1	8
6092	Hippocampal volume is related to olfactory impairment in Parkinson's disease. <i>Journal of Neuroimaging</i> , 2021, 31, 1176-1183.	1.0	5

#	ARTICLE	IF	CITATIONS
6093	Visual perceptual learning of a primitive feature in human V1/V2 as a result of unconscious processing, revealed by decoded functional MRI neurofeedback (DecNef). <i>Journal of Vision</i> , 2021, 21, 24.	0.1	5
6094	The Precentral Gyrus Contributions to the Early Time-Course of Grapheme-to-Phoneme Conversion. <i>Neurobiology of Language (Cambridge, Mass )</i> , 2022, 3, 18-45.	1.7	7
6095	A probabilistic transcranial magnetic stimulation localization method. <i>Journal of Neural Engineering</i> , 2021, 18, 0460f3.	1.8	5
6097	Altered maturation and atypical cortical processing of spoken sentences in autism spectrum disorder. <i>Progress in Neurobiology</i> , 2021, 203, 102077.	2.8	5
6098	Combining structural and metabolic markers in a quantitative MRI study of motor neuron diseases. <i>Annals of Clinical and Translational Neurology</i> , 2021, 8, 1774-1785.	1.7	7
6099	Parent Language Input Prior to School Forecasts Change in Children's Language-Related Cortical Structures During Mid-Adolescence. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 650152.	1.0	3
6101	Neuropsychiatric symptoms and brain morphology in patients with mild cognitive impairment and Alzheimer's disease with dementia. <i>International Psychogeriatrics</i> , 2021, 33, 1217-1228.	0.6	20
6102	Cortical surface thickness, subcortical volumes and disability between races in relapsing-remitting multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2021, 53, 103025.	0.9	5
6103	Cortical gyrification in children with attention deficit-hyperactivity disorder and prenatal alcohol exposure. <i>Drug and Alcohol Dependence</i> , 2021, 225, 108817.	1.6	8
6104	The parahippocampal place area and hippocampus encode the spatial significance of landmark objects. <i>NeuroImage</i> , 2021, 236, 118081.	2.1	17
6105	Visual Field Reconstruction in Hemianopia Using fMRI Based Mapping Techniques. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 713114.	1.0	3
6106	Impact of inter-individual variability on the estimation of default mode network in temporal concatenation group ICA. <i>NeuroImage</i> , 2021, 237, 118114.	2.1	4
6107	A Structural Connectivity Disruption One Decade before the Typical Age for Dementia: A Study in Healthy Subjects with Family History of Alzheimer's Disease. <i>Cerebral Cortex Communications</i> , 2021, 2, tgab051.	0.7	3
6108	A volumetric magnetic resonance imaging study in migraine. <i>Egyptian Journal of Neurology, Psychiatry and Neurosurgery</i> , 2021, 57, .	0.4	2
6110	Altered Spontaneous Brain Activity in Subjects With Different Cognitive States of Biologically Defined Alzheimer's Disease: A Surface-Based Functional Brain Imaging Study. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 683783.	1.7	3
6111	Extended Frontal Networks for Visual and Auditory Working Memory. <i>Cerebral Cortex</i> , 2022, 32, 855-869.	1.6	12
6112	Brain volume refinement (BVeR): automatic correction tool as an alternative to manual intervention on brain segmentation. <i>Research on Biomedical Engineering</i> , 2021, 37, 631-640.	1.5	0
6113	Supraspinal functional and structural plasticity in patients undergoing surgery for degenerative cervical myelopathy. <i>Journal of Neurosurgery: Spine</i> , 2021, , 1-9.	0.9	4

#	ARTICLE	IF	CITATIONS
6115	Using Tertiary Sulci to Map the "Cognitive Globe" of Prefrontal Cortex. <i>Journal of Cognitive Neuroscience</i> , 2021, 33, 1698-1715.	1.1	19
6116	Probabilistic mapping of human functional brain networks identifies regions of high group consensus. <i>NeuroImage</i> , 2021, 237, 118164.	2.1	28
6117	Contributions of Brain Function and Structure to Three Different Domains of Cognitive Control in Normal Aging. <i>Journal of Cognitive Neuroscience</i> , 2021, 33, 1811-1832.	1.1	7
6118	Estimates of locus coeruleus function with functional magnetic resonance imaging are influenced by localization approaches and the use of multi-echo data. <i>NeuroImage</i> , 2021, 236, 118047.	2.1	20
6119	Simultaneous Exercise and Cognitive Training in Virtual Reality Phase 2 Pilot Study: Impact on Brain Health and Cognition in Older Adults <sup>1</sup> . <i>Brain Plasticity</i> , 2021, 7, 111-130.	1.9	1
6120	The developing relations between networks of cortical myelin and neurophysiological connectivity. <i>NeuroImage</i> , 2021, 237, 118142.	2.1	15
6121	Dissecting whole-brain conduction delays through MRI microstructural measures. <i>Brain Structure and Function</i> , 2021, 226, 2651-2663.	1.2	6
6122	Effect of 5 Years of Exercise Intervention at Different Intensities on Brain Structure in Older Adults from the General Population: A Generation 100 Substudy. <i>Clinical Interventions in Aging</i> , 2021, Volume 16, 1485-1501.	1.3	17
6123	Preventing Loss of Independence through Exercise (PLI <sup>2</sup> ): A Pilot Trial in Older Adults with Subjective Memory Decline and Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2021, 82, 1543-1557.	1.2	3
6124	Comparison of electric field modeling pipelines for transcranial direct current stimulation. <i>Neurophysiologie Clinique</i> , 2021, 51, 303-318.	1.0	6
6126	"Visual" 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
6127	Automated cerebral cortex segmentation based solely on diffusion tensor imaging for investigating cortical anisotropy. <i>NeuroImage</i> , 2021, 237, 118105.	2.1	8
6128	Mesoscopic physiological interactions in the human brain reveal small-world properties. <i>Cell Reports</i> , 2021, 36, 109585.	2.9	7
6129	Synchronization patterns reveal neuronal coding of working memory content. <i>Cell Reports</i> , 2021, 36, 109566.	2.9	17
6131	From letters to composed concepts: A magnetoencephalography study of reading. <i>Human Brain Mapping</i> , 2021, 42, 5130-5153.	1.9	5
6132	Ventromedial Prefrontal-Anterior Cingulate Hyperconnectivity and Resilience to Apathy in Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2021, 38, 2264-2274.	1.7	5
6134	Neural Mechanism of Noise Affecting Face Recognition. <i>Neuroscience</i> , 2021, 468, 211-219.	1.1	3
6135	Myelin densities in retinotopically defined dorsal visual areas of the macaque. <i>Brain Structure and Function</i> , 2021, 226, 2869-2880.	1.2	4

#	ARTICLE	IF	CITATIONS
6136	Brain structure associations with phonemic and semantic fluency in typically-developing children. <i>Developmental Cognitive Neuroscience</i> , 2021, 50, 100982.	1.9	11
6137	Stability of hippocampal subfield volumes after trauma and relationship to development of PTSD symptoms. <i>NeuroImage</i> , 2021, 236, 118076.	2.1	18
6138	Effect of education on functional network edge efficiency in Alzheimer's disease. <i>Scientific Reports</i> , 2021, 11, 17255.	1.6	4
6139	Connectivity alterations in autism reflect functional idiosyncrasy. <i>Communications Biology</i> , 2021, 4, 1078.	2.0	25
6140	Sleep duration, sleep problems, and perceived stress are associated with hippocampal subfield volumes in later life: findings from The Irish Longitudinal Study on Ageing. <i>Sleep</i> , 2022, 45, .	0.6	8
6141	Reported Hearing Loss in Alzheimer's Disease Is Associated With Loss of Brainstem and Cerebellar Volume. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 739754.	1.0	6
6142	Novel Gyrfication Networks Reveal Links with Psychiatric Risk Factors in Early Illness. <i>Cerebral Cortex</i> , 2021, , .	1.6	2
6143	Cortical Thickness and Surface Area Abnormalities in Bipolar I and II Disorders. <i>Psychiatry Investigation</i> , 2021, 18, 850-863.	0.7	6
6145	Cortical Surfaces Integration with Tractography for Structural Connectivity Analysis. <i>Brain Connectivity</i> , 2021, 11, 505-517.	0.8	8
6146	Applying Deep Learning to Accelerated Clinical Brain Magnetic Resonance Imaging for Multiple Sclerosis. <i>Frontiers in Neurology</i> , 2021, 12, 685276.	1.1	9
6147	Atypical genomic cortical patterning in autism with poor early language outcome. <i>Science Advances</i> , 2021, 7, eabh1663.	4.7	21
6148	Individual differences in representational similarity of first and second languages in the bilingual brain. <i>Human Brain Mapping</i> , 2021, 42, 5433-5445.	1.9	10
6149	Association between cytomegalovirus infection, reduced gray matter volume, and resting-state functional hypoconnectivity in major depressive disorder: a replication and extension. <i>Translational Psychiatry</i> , 2021, 11, 464.	2.4	11
6150	Articulatory Gain Predicts Motor Cortex and Subthalamic Nucleus Activity During Speech. <i>Cerebral Cortex</i> , 2022, 32, 1337-1349.	1.6	6
6151	Relationship between Cortical Thickness and EEG Alterations during Sleep in the Alzheimer's Disease. <i>Brain Sciences</i> , 2021, 11, 1174.	1.1	3
6152	Multimodal Prediction of Alzheimer's Disease Severity Level Based on Resting-State EEG and Structural MRI. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 700627.	1.0	7
6153	The "Narratives" fMRI dataset for evaluating models of naturalistic language comprehension. <i>Scientific Data</i> , 2021, 8, 250.	2.4	50
6155	The cerebellar clock: Predicting and timing somatosensory touch. <i>NeuroImage</i> , 2021, 238, 118202.	2.1	13

#	ARTICLE	IF	CITATIONS
6156	Age-dependent relationship of cardiorespiratory fitness and white matter integrity. <i>Neurobiology of Aging</i> , 2021, 105, 48-56.	1.5	4
6157	Development of the visual white matter pathways mediates development of electrophysiological responses in visual cortex. <i>Human Brain Mapping</i> , 2021, 42, 5785-5797.	1.9	10
6158	Abnormal hippocampal substructure volume in insomnia disorder. <i>Brain Imaging and Behavior</i> , 2022, 16, 672-679.	1.1	5
6159	Brain "behavior dynamics between the left fusiform and reading. <i>Brain Structure and Function</i> , 2022, 227, 587-597.	1.2	7
6161	Multi-electrode stimulation evokes consistent spatial patterns of phosphenes and improves phosphene mapping in blind subjects. <i>Brain Stimulation</i> , 2021, 14, 1356-1372.	0.7	20
6163	Relationship between hippocampal subfields and Verbal and Visual memory function in Mesial Temporal Lobe Epilepsy patients. <i>Epilepsy Research</i> , 2021, 175, 106700.	0.8	11
6164	Longitudinal Structural Brain Changes in Bipolar Disorder: A Multicenter Neuroimaging Study of 1232 Individuals by the ENIGMA Bipolar Disorder Working Group. <i>Biological Psychiatry</i> , 2022, 91, 582-592.	0.7	29
6167	Feature level-based group lasso method for amnesic mild cognitive impairment diagnosis. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 208, 106286.	2.6	1
6168	Reading: The Confluence of Vision and Language. <i>Annual Review of Vision Science</i> , 2021, 7, 487-517.	2.3	35
6169	Quantitative MRI susceptibility mapping reveals cortical signatures of changes in iron, calcium and zinc in malformations of cortical development in children with drug-resistant epilepsy. <i>NeuroImage</i> , 2021, 238, 118102.	2.1	11
6170	Reduced Hippocampal-Striatal Interactions during Formation of Durable Episodic Memories in Aging. <i>Cerebral Cortex</i> , 2021, , .	1.6	5
6171	Automatic brain extraction and hemisphere segmentation in rat brain MR images after stroke using deformable models. <i>Medical Physics</i> , 2021, 48, 6036-6050.	1.6	4
6173	A simple permutation-based test of intermodal correspondence. <i>Human Brain Mapping</i> , 2021, 42, 5175-5187.	1.9	16
6174	A comparative study between state-of-the-art <sc>MRI</sc> deidentification and <sc>AnonyMI</sc>, a new method combining re-identification risk reduction and geometrical preservation. <i>Human Brain Mapping</i> , 2021, 42, 5523-5534.	1.9	8
6175	Tracking Positive and Negative Symptom Improvement in First-Episode Schizophrenia Treated with Risperidone Using Individual-Level Functional Connectivity. <i>Brain Connectivity</i> , 2022, 12, 454-464.	0.8	3
6176	The Neural Substrate of Speech Act Recognition. <i>Neuroscience</i> , 2021, 471, 102-114.	1.1	3
6177	Commonalities and Asymmetries in the Neurobiological Infrastructure for Language Production and Comprehension. <i>Cerebral Cortex</i> , 2022, 32, 1405-1418.	1.6	27
6178	Evidence for cognitive and brain reserve supporting executive control of memory in lifelong bilinguals. <i>Neuropsychologia</i> , 2021, 160, 107958.	0.7	3

#	ARTICLE	IF	CITATIONS
6179	Observational drawing in the brain: A longitudinal exploratory fMRI study. <i>Neuropsychologia</i> , 2021, 160, 107960.	0.7	1
6180	Machine learning to investigate superficial white matter integrity in early multiple sclerosis. <i>Journal of Neuroimaging</i> , 2022, 32, 36-47.	1.0	6
6181	The relationship between brain structure and general psychopathology in preadolescents. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2022, 63, 734-744.	3.1	16
6182	The human brain uses spatial schemas to represent segmented environments. <i>Current Biology</i> , 2021, 31, 4677-4688.e8.	1.8	16
6183	Voxel-to-voxel predictive models reveal unexpected structure in unexplained variance. <i>NeuroImage</i> , 2021, 238, 118266.	2.1	7
6184	The impact of the Siemens Tim Trio to Prisma upgrade and the addition of volumetric navigators on cortical thickness, structure volume, and 1H-MRS indices: An MRI reliability study with implications for longitudinal study designs. <i>NeuroImage</i> , 2021, 238, 118172.	2.1	7
6185	Subject identification using edge-centric functional connectivity. <i>NeuroImage</i> , 2021, 238, 118204.	2.1	24
6186	Nucleus accumbens projections: Validity and reliability of fiber reconstructions based on high-resolution diffusion-weighted MRI. <i>Human Brain Mapping</i> , 2021, 42, 5888-5910.	1.9	3
6187	A category-selective semantic memory deficit for animate objects in semantic variant primary progressive aphasia. <i>Brain Communications</i> , 2021, 3, fcab210.	1.5	7
6188	Comparison and Reliability of Hippocampal Subfield Segmentations Within FreeSurfer Utilizing T1- and T2-Weighted Multispectral MRI Data. <i>Frontiers in Neuroscience</i> , 2021, 15, 666000.	1.4	14
6190	Interindividual Differences in Cortical Thickness and Their Genomic Underpinnings in Autism Spectrum Disorder. <i>American Journal of Psychiatry</i> , 2022, 179, 242-254.	4.0	28
6191	Comparison of Whole-Head Functional Near-Infrared Spectroscopy With Functional Magnetic Resonance Imaging and Potential Application in Pediatric Neurology. <i>Pediatric Neurology</i> , 2021, 122, 68-75.	1.0	7
6192	Spectral clustering based on structural magnetic resonance imaging and its relationship with major depressive disorder and cognitive ability. <i>European Journal of Neuroscience</i> , 2021, 54, 6281-6303.	1.2	5
6194	Progressive supranuclear palsy with marked ventricular dilatation mimicking normal pressure hydrocephalus. <i>Neurological Sciences</i> , 2022, 43, 1783-1790.	0.9	5
6196	The relationship between plasma free fatty acids, cognitive function and structural integrity of the brain in middle-aged healthy humans. <i>Aging</i> , 2021, 13, 22078-22091.	1.4	1
6197	Decoding attempted phantom hand movements from ipsilateral sensorimotor areas after amputation. <i>Journal of Neural Engineering</i> , 2021, 18, 056037.	1.8	0
6200	Odor Identification and Regional Gray Matter Atrophy in Patients with Alzheimer's Disease, Parkinson's Disease, and the Healthy Elderly: A Cross-Sectional Structural MRI Study. <i>Brain Sciences</i> , 2021, 11, 1296.	1.1	2
6201	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



#	ARTICLE	IF	CITATIONS
6202	Regional relationships between CSF VEGF levels and Alzheimer's disease brain biomarkers and cognition. <i>Neurobiology of Aging</i> , 2021, 105, 241-251.	1.5	17
6203	Relationship between local gyrification index and age, intelligence quotient, symptom severity with Autism Spectrum Disorder: A large-scale MRI study. <i>Journal of Clinical Neuroscience</i> , 2021, 91, 193-199.	0.8	2
6204	In vivo and neuropathology data support locus coeruleus integrity as indicator of Alzheimer's disease pathology and cognitive decline. <i>Science Translational Medicine</i> , 2021, 13, eabj2511.	5.8	107
6205	Exploring relationships between alcohol consumption, inflammation, and brain structure in a heavy drinking sample. <i>Alcoholism: Clinical and Experimental Research</i> , 2021, 45, 2256-2270.	1.4	8
6206	Visual speech differentially modulates beta, theta, and high gamma bands in auditory cortex. <i>European Journal of Neuroscience</i> , 2021, 54, 7301-7317.	1.2	8
6207	Identifying individuals with Alzheimer's disease-like brains based on structural imaging in the Human Connectome Project Aging cohort. <i>Human Brain Mapping</i> , 2021, 42, 5535-5546.	1.9	10
6208	Neural basis of approximate number in congenital blindness. <i>Cortex</i> , 2021, 142, 342-356.	1.1	4
6209	Biomarker Extraction Based on Subspace Learning for the Prediction of Mild Cognitive Impairment Conversion. <i>BioMed Research International</i> , 2021, 2021, 1-12.	0.9	3
6210	Morphology of the prefrontal cortex predicts body composition in early adolescence: cognitive mediators and environmental moderators in the ABCD Study. <i>Social Cognitive and Affective Neuroscience</i> , 2023, 18, .	1.5	15
6211	Investigating Associations Between Inflammatory Biomarkers, Gray Matter, Neurofilament Light and Cognitive Performance in Healthy Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 719553.	1.7	5
6213	Cortical thickness is differently associated with ALDH2 rs671 polymorphism according to level of amyloid deposition. <i>Scientific Reports</i> , 2021, 11, 19529.	1.6	0
6214	Transcriptional and cellular signatures of cortical morphometric remodelling in chronic pain. <i>Pain</i> , 2022, 163, e759-e773.	2.0	8
6215	Random walks on B distributed resting-state functional connectivity to identify Alzheimer's disease and Mild Cognitive Impairment. <i>Clinical Neurophysiology</i> , 2021, 132, 2540-2550.	0.7	5
6216	Visual search performance in cerebral visual impairment is associated with altered alpha band oscillations. <i>Neuropsychologia</i> , 2021, 161, 108011.	0.7	2
6217	The autonomic brain: Multi-dimensional generative hierarchical modelling of the autonomic connectome. <i>Cortex</i> , 2021, 143, 164-179.	1.1	18
6218	Neuroinflammation in World Trade Center responders at midlife: A pilot study using [18F]-FEPPA PET imaging. <i>Brain, Behavior, &amp; Immunity - Health</i> , 2021, 16, 100287.	1.3	13
6219	Cortical thinning is associated with brain pulsatility in older adults: An MRI and NIRS study. <i>Neurobiology of Aging</i> , 2021, 106, 103-118.	1.5	5
6220	Temporal uncertainty enhances suppression of neural responses to predictable visual stimuli. <i>NeuroImage</i> , 2021, 239, 118314.	2.1	4

#	ARTICLE	IF	CITATIONS
6221	Apparent diffusion coefficient is associated with seizure outcome after magnetic resonance-guided laser interstitial thermal therapy for mesial temporal lobe epilepsy. <i>Epilepsy Research</i> , 2021, 176, 106726.	0.8	6
6222	Ventral striatal resting-state functional connectivity in adolescents is associated with earlier onset of binge drinking. <i>Drug and Alcohol Dependence</i> , 2021, 227, 109010.	1.6	1
6223	Amyloid and anatomical correlates of executive functioning in middle-aged offspring of patients with late-onset Alzheimer's disease.. <i>Psychiatry Research - Neuroimaging</i> , 2021, 316, 111342.	0.9	3
6224	Diversity of daily activities is associated with greater hippocampal volume. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2022, 22, 75-87.	1.0	11
6225	Cortical thickness in the right inferior frontal gyrus mediates age-related performance differences on an item-method directed forgetting task. <i>Neurobiology of Aging</i> , 2021, 106, 95-102.	1.5	6
6226	Distinct changes of brain cortical thickness relate to post-treatment outcomes in children with epilepsy. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2021, 91, 181-188.	0.9	2
6227	Cortical surface abnormalities are different depending on the stage of schizophrenia: A cross-sectional vertexwise mega-analysis of thickness, area and gyrification. <i>Schizophrenia Research</i> , 2021, 236, 104-114.	1.1	9
6228	Predicting the retinotopic organization of human visual cortex from anatomy using geometric deep learning. <i>NeuroImage</i> , 2021, 244, 118624.	2.1	13
6229	Myelo- and cytoarchitectonic microstructural and functional human cortical atlases reconstructed in common MRI space. <i>NeuroImage</i> , 2021, 239, 118274.	2.1	26
6230	On the relation of gyrification and cortical thickness alterations to the suicidal risk and mental pain in chronic schizophrenia outpatients. <i>Psychiatry Research - Neuroimaging</i> , 2021, 316, 111343.	0.9	2
6231	Altered gray matter structural covariance networks in postpartum depression: a graph theoretical analysis. <i>Journal of Affective Disorders</i> , 2021, 293, 159-167.	2.0	7
6232	Unraveling brain interactions in vision: The example of crowding. <i>NeuroImage</i> , 2021, 240, 118390.	2.1	3
6233	Relationships between apparent cortical thickness and working memory across the lifespan - Effects of genetics and socioeconomic status. <i>Developmental Cognitive Neuroscience</i> , 2021, 51, 100997.	1.9	8
6234	The neurobiology of auditory and visual perceptual abnormalities in a clinical high-risk for psychosis cohort: A pilot morphometric magnetic resonance imaging study. <i>Journal of Psychiatric Research</i> , 2021, 142, 240-242.	1.5	1
6235	The response to prolonged fasting in hypothalamic serotonin transporter availability is blunted in obesity. <i>Metabolism: Clinical and Experimental</i> , 2021, 123, 154839.	1.5	8
6236	FreeSurfer based cortical mapping and T1-relaxometry with MPnRAGE: Test-retest reliability with and without retrospective motion correction. <i>NeuroImage</i> , 2021, 242, 118447.	2.1	7
6237	Laminar dynamics of high amplitude beta bursts in human motor cortex. <i>NeuroImage</i> , 2021, 242, 118479.	2.1	45
6238	Altered network stability in progressive supranuclear palsy. <i>Neurobiology of Aging</i> , 2021, 107, 109-117.	1.5	8

#	ARTICLE	IF	CITATIONS
6239	Cortical Thickness in bilingual and monolingual children: Relationships to language use and language skill. <i>NeuroImage</i> , 2021, 243, 118560.	2.1	7
6240	Characterizing effects of age, sex and psychosis symptoms on thalamocortical functional connectivity in youth. <i>NeuroImage</i> , 2021, 243, 118562.	2.1	12
6241	Sex differences in Alzheimer's disease: do differences in tau explain the verbal memory gap?. <i>Neurobiology of Aging</i> , 2021, 107, 70-77.	1.5	17
6242	Hypostability in the default mode network and hyperstability in the frontoparietal control network of dynamic functional architecture during rumination. <i>NeuroImage</i> , 2021, 241, 118427.	2.1	12
6243	Associated functional network development and language abilities in children. <i>NeuroImage</i> , 2021, 242, 118452.	2.1	11
6244	Striatal and septo-hypothalamic responses to anticipation and outcome of affiliative rewards. <i>NeuroImage</i> , 2021, 243, 118474.	2.1	8
6245	Inter-individual variability in structural brain development from late childhood to young adulthood. <i>NeuroImage</i> , 2021, 242, 118450.	2.1	64
6246	Effects of familiarity on child brain networks when listening to a storybook reading: A magneto-encephalographic study. <i>NeuroImage</i> , 2021, 241, 118389.	2.1	5
6247	Age-specific structural fetal brain atlases construction and cortical development quantification for chinese population. <i>NeuroImage</i> , 2021, 241, 118412.	2.1	14
6248	Smaller hippocampal volume in APOE $\epsilon 4$ carriers independent of amyloid- $\beta$ ( $A\beta$ ) burden. <i>Psychiatry Research - Neuroimaging</i> , 2021, 317, 111381.	0.9	2
6249	Eccentric rehabilitation induces white matter plasticity and sensorimotor recovery in chronic spinal cord injury. <i>Experimental Neurology</i> , 2021, 346, 113853.	2.0	13
6250	Dynamic reconfiguration of macaque brain networks during natural vision. <i>NeuroImage</i> , 2021, 244, 118615.	2.1	5
6251	Structural-covariance networks identify topology-based cortical-thickness changes in children with persistent executive function impairments after traumatic brain injury. <i>NeuroImage</i> , 2021, 244, 118612.	2.1	3
6252	Cross-dataset reproducibility of human retinotopic maps. <i>NeuroImage</i> , 2021, 244, 118609.	2.1	34
6253	A population receptive field model of the magnetoencephalography response. <i>NeuroImage</i> , 2021, 244, 118554.	2.1	1
6254	Multisensory integration in cortical regions responding to locomotion-related visual and somatomotor signals. <i>NeuroImage</i> , 2021, 244, 118581.	2.1	12
6255	Decreased Cortical Folding of the Fusiform Gyrus and Its Hypoconnectivity with Sensorimotor Areas in Major Depressive Disorder. <i>Journal of Affective Disorders</i> , 2021, 295, 657-664.	2.0	23
6256	Structural assessment of thalamus morphology in brain disorders: A review and recommendation of thalamic nucleus segmentation and shape analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 131, 466-478.	2.9	17

#	ARTICLE	IF	CITATIONS
6257	Cortical thickness predicts remission of depression with antidepressants in patients with late-life depression and cognitive impairment. <i>Journal of Affective Disorders</i> , 2021, 295, 438-445.	2.0	8
6258	Resting-state functional MRI-based connectivity. , 2022, , 207-222.		0
6259	Incorporating spatial structure into inclusion probabilities for Bayesian variable selection in generalized linear models with the spike-and-slab elastic net. <i>Journal of Statistical Planning and Inference</i> , 2022, 217, 141-152.	0.4	4
6260	Gray Matter Analysis of MRI Images: Introduction to Current Research Practice. , 2022, , 84-96.		0
6261	Individualized Functional Subnetworks Connect Human Striatum and Frontal Cortex. <i>Cerebral Cortex</i> , 2022, 32, 2868-2884.	1.6	20
6262	Transcranial ultrasound pulse stimulation reduces cortical atrophy in Alzheimer's patients: A follow-up study. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2021, 7, e12121.	1.8	27
6263	Visual Field Reconstruction Using fMRI-Based Techniques. <i>Translational Vision Science and Technology</i> , 2021, 10, 25.	1.1	10
6264	A performance-based measure of emotion response control: A preliminary MRI study. <i>Scandinavian Journal of Psychology</i> , 2021, 62, 321-327.	0.8	0
6265	Stronger proprioceptive BOLD-responses in the somatosensory cortices reflect worse sensorimotor function in adolescents with and without cerebral palsy. <i>NeuroImage: Clinical</i> , 2021, 32, 102795.	1.4	6
6266	Somatotopic Arrangement of the Human Primary Somatosensory Cortex Derived From Functional Magnetic Resonance Imaging. <i>Frontiers in Neuroscience</i> , 2020, 14, 598482.	1.4	22
6267	Smaller volume of posterior thalamic nuclei in patients with obsessive-compulsive disorder. <i>NeuroImage: Clinical</i> , 2021, 30, 102686.	1.4	9
6268	Increased structural connectivity of thalamic stimulation sites to motor cortex relates to tremor suppression. <i>NeuroImage: Clinical</i> , 2021, 30, 102628.	1.4	8
6269	White matter network disruption and cognitive correlates underlying impaired memory awareness in mild cognitive impairment. <i>NeuroImage: Clinical</i> , 2021, 30, 102626.	1.4	8
6270	Subclinical post-traumatic stress symptomology and brain structure in youth with chronic headaches. <i>NeuroImage: Clinical</i> , 2021, 30, 102627.	1.4	6
6271	Neurodevelopmental impairment is associated with altered white matter development in a cohort of school-aged children born very preterm. <i>NeuroImage: Clinical</i> , 2021, 31, 102730.	1.4	10
6272	Disease-related cortical thinning in presymptomatic granulin mutation carriers. <i>NeuroImage: Clinical</i> , 2021, 29, 102540.	1.4	8
6273	Effect of MRI acquisition acceleration via compressed sensing and parallel imaging on brain volumetry. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2021, 34, 487-497.	1.1	12
6274	Propagating Uncertainty Across Cascaded Medical Imaging Tasks for Improved Deep Learning Inference. <i>IEEE Transactions on Medical Imaging</i> , 2022, 41, 360-373.	5.4	12

#	ARTICLE	IF	CITATIONS
6275	Musical Training and Brain Volume in Older Adults. <i>Brain Sciences</i> , 2021, 11, 50.	1.1	30
6276	DeepCSR: A 3D Deep Learning Approach for Cortical Surface Reconstruction. , 2021, , .		23
6277	Visual Attention Modulates Glutamate-Glutamine Levels in Vestibular Cortex: Evidence from Magnetic Resonance Spectroscopy. <i>Journal of Neuroscience</i> , 2021, 41, 1970-1981.	1.7	13
6279	Patterns of cortical grey matter thickness reduction in multiple sclerosis. <i>Brain and Behavior</i> , 2021, 11, e02050.	1.0	11
6282	Behavioral and Neural Correlates of Speech Motor Sequence Learning in Stuttering and Neurotypical Speakers: An fMRI Investigation. <i>Neurobiology of Language (Cambridge, Mass )</i> , 2021, 2, 106-137.	1.7	15
6283	Distance-based functional criticality in the human brain: intelligence and emotional intelligence. <i>BMC Bioinformatics</i> , 2021, 22, 32.	1.2	7
6285	An in-vivo study of BOLD laminar responses as a function of echo time and static magnetic field strength. <i>Scientific Reports</i> , 2021, 11, 1862.	1.6	6
6286	PialNN: A Fast Deep Learning Framework for Cortical Pial Surface Reconstruction. <i>Lecture Notes in Computer Science</i> , 2021, , 73-81.	1.0	10
6287	Linking objective measures of physical activity and capability with brain structure in healthy community dwelling older adults. <i>NeuroImage: Clinical</i> , 2021, 31, 102767.	1.4	17
6288	Cortical progression patterns in individual ALS patients across multiple timepoints: a mosaic-based approach for clinical use. <i>Journal of Neurology</i> , 2021, 268, 1913-1926.	1.8	15
6289	Reduced functional connectivity of default mode network subsystems in depression: Meta-analytic evidence and relationship with trait rumination. <i>NeuroImage: Clinical</i> , 2021, 30, 102570.	1.4	48
6290	A quadratic function of activation in individuals at risk of Alzheimer's disease. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020, 12, e12139.	1.2	15
6291	A METHODOLOGY FOR ANALYZING CURVATURE IN THE DEVELOPING BRAIN FROM PRETERM TO ADULT. <i>International Journal of Imaging Systems and Technology</i> , 2008, 18, 42-68.	2.7	104
6293	Automated Segmentation of Sulcal Regions. <i>Lecture Notes in Computer Science</i> , 1999, , 158-167.	1.0	7
6294	Fast 3D Brain Segmentation Using Dual-Front Active Contours with Optional User-Interaction. <i>Lecture Notes in Computer Science</i> , 2005, , 335-345.	1.0	14
6295	Geodesic Image Normalization and Temporal Parameterization in the Space of Diffeomorphisms. <i>Lecture Notes in Computer Science</i> , 2006, , 9-16.	1.0	6
6296	Active Surface Approach for Extraction of the Human Cerebral Cortex from MRI. <i>Lecture Notes in Computer Science</i> , 2006, , 823-830.	1.0	25
6297	Computational Surface Flattening: A Voxel-Based Approach. <i>Lecture Notes in Computer Science</i> , 2001, , 196-204.	1.0	3

#	ARTICLE	IF	CITATIONS
6298	Neural Field Dynamics on the Folded Three-Dimensional Cortical Sheet and Its Forward EEG and MEG. Lecture Notes in Computer Science, 2001, , 286-299.	1.0	9
6299	Graph-Based Topology Correction for Brain Cortex Segmentation. Lecture Notes in Computer Science, 2001, , 395-401.	1.0	7
6300	Statistical Study on Cortical Sulci of Human Brains. Lecture Notes in Computer Science, 2001, , 475-487.	1.0	21
6301	Discriminative Analysis for Image-Based Studies. Lecture Notes in Computer Science, 2002, , 508-515.	1.0	18
6302	Parallel Patient-Specific Computational Haemodynamics. Lecture Notes in Computer Science, 2002, , 18-34.	1.0	1
6303	Dynamic Adaptation of Cooperative Agents for MRI Brain Scans Segmentation. Lecture Notes in Computer Science, 2001, , 349-358.	1.0	1
6304	The Neurobiology of Childhood Structural Brain Development: Conception Through Adulthood. Current Topics in Behavioral Neurosciences, 2013, 16, 3-17.	0.8	31
6305	Neuroimaging of Alzheimer's Disease, Mild Cognitive Impairment, and Other Dementias. , 2011, , 309-339.		4
6306	Brain Imaging in Behavioral Medicine and Clinical Neuroscience: Synthesis. , 2011, , 383-393.		2
6307	Assessing Post-Radiotherapy Treatment Involving Brain Volume Differences in Children: An Application of Adaptive Systems Methodology. , 2013, , 1-23.		3
6308	Introduction to Neuroimaging Research in Autism Spectrum Disorders. , 2014, , 893-909.		1
6309	Imaging Genetics with fMRI. Biological Magnetic Resonance, 2015, , 699-738.	0.4	3
6310	Brain Morphometry: Epilepsy. Neuromethods, 2018, , 301-321.	0.2	1
6311	Surface and Shape Analysis. Neuromethods, 2018, , 51-73.	0.2	6
6312	Statistical Analysis of fMRI Data. Neuromethods, 2009, , 179-236.	0.2	9
6313	Filtering on Graphs. , 2010, , 155-197.		1
6314	Using a BCI Prosthetic Hand to Control Phantom Limb Pain. Springer Briefs in Electrical and Computer Engineering, 2019, , 43-52.	0.3	5
6315	Multi-view Consensus CNN for 3D Facial Landmark Placement. Lecture Notes in Computer Science, 2019, , 706-719.	1.0	13

#	ARTICLE	IF	CITATIONS
6316	Estimation of TTFields Intensity and Anisotropy with Singular Value Decomposition: A New and Comprehensive Method for Dosimetry of TTFields. , 2019, , 173-193.		6
6317	Surface-Volume Consistent Construction of Longitudinal Atlases for the Early Developing Brain. Lecture Notes in Computer Science, 2019, 11765, 815-822.	1.0	4
6318	Shape Analysis for Brain Structures. Lecture Notes in Computational Vision and Biomechanics, 2014, , 3-49.	0.5	11
6319	K-Surfer: A KNIME Extension for the Management and Analysis of Human Brain MRI FreeSurfer/FSL Data. Lecture Notes in Computer Science, 2014, , 481-492.	1.0	14
6320	Human Connectome Module Pattern Detection Using a New Multi-graph MinMax Cut Model. Lecture Notes in Computer Science, 2014, 17, 313-320.	1.0	9
6321	Subject Specific Sparse Dictionary Learning for Atlas Based Brain MRI Segmentation. Lecture Notes in Computer Science, 2014, 8679, 248-255.	1.0	19
6322	Temporal Trajectory and Progression Score Estimation from Voxelwise Longitudinal Imaging Measures: Application to Amyloid Imaging. Lecture Notes in Computer Science, 2015, 24, 424-436.	1.0	9
6323	Patch-Based Segmentation from MP2RAGE Images: Comparison to Conventional Techniques. Lecture Notes in Computer Science, 2015, , 180-187.	1.0	2
6324	A Supervoxel-Based Solution to Resume Segmentation for Interactive Correction by Differential Image-Foresting Transforms. Lecture Notes in Computer Science, 2017, , 107-118.	1.0	4
6325	Conditional Local Distance Correlation for Manifold-Valued Data. Lecture Notes in Computer Science, 2017, 10265, 41-52.	1.0	1
6326	New Level Set Model in Follow Up Radiotherapy Image Analysis. Communications in Computer and Information Science, 2017, , 273-284.	0.4	1
6328	Functional Neuroanatomy of the Human Visual System: A Review of Functional MRI Studies. , 2008, , 119-138.		9
6330	Geometry Driven Volumetric Registration. Lecture Notes in Computer Science, 2007, 20, 675-686.	1.0	5
6331	Quantitative Comparison of Two Cortical Surface Extraction Methods Using MRI Phantoms. , 2007, , 409-416.		7
6332	A Surface-Based Fractal Information Dimension Method for Cortical Complexity Analysis. Lecture Notes in Computer Science, 2008, , 133-141.	1.0	4
6333	The Added Value of EEG&fMRI in Imaging Neuroscience. , 2009, , 97-112.		3
6334	Neuroimaging Data Provenance Using the LONI Pipeline Workflow Environment. Lecture Notes in Computer Science, 2008, , 208-220.	1.0	9
6335	Lead Field Space Projection for Spatiotemporal Imaging of Independent Brain Activities. Lecture Notes in Computer Science, 2009, , 512-519.	1.0	1

#	ARTICLE	IF	CITATIONS
6336	Multivariate Tensor-Based Brain Anatomical Surface Morphometry via Holomorphic One-Forms. Lecture Notes in Computer Science, 2009, 12, 337-344.	1.0	25
6337	Cortical Shape Analysis in the Laplace-Beltrami Feature Space. Lecture Notes in Computer Science, 2009, 12, 208-215.	1.0	7
6339	Multiple Cortical Surface Correspondence Using Pairwise Shape Similarity. Lecture Notes in Computer Science, 2010, 13, 349-356.	1.0	8
6340	Cortical Sulcal Atlas Construction Using a Diffeomorphic Mapping Approach. Lecture Notes in Computer Science, 2010, 13, 357-366.	1.0	9
6341	Multivariate Statistical Analysis of Deformation Momenta Relating Anatomical Shape to Neuropsychological Measures. Lecture Notes in Computer Science, 2010, 13, 529-537.	1.0	26
6342	Shape Analysis of Vestibular Systems in Adolescent Idiopathic Scoliosis Using Geodesic Spectra. Lecture Notes in Computer Science, 2010, 13, 538-546.	1.0	16
6343	Automated Sulci Identification via Intrinsic Modeling of Cortical Anatomy. Lecture Notes in Computer Science, 2010, 13, 49-56.	1.0	7
6344	Sparse Bayesian Learning for Identifying Imaging Biomarkers in AD Prediction. Lecture Notes in Computer Science, 2010, 13, 611-618.	1.0	21
6345	Inter-subject Connectivity-Based Parcellation of a Patch of Cerebral Cortex. Lecture Notes in Computer Science, 2010, 13, 347-354.	1.0	20
6346	CoRPORATE: Cortical Reconstruction by Pruning Outliers with Reeb Analysis and Topology-Preserving Evolution. Lecture Notes in Computer Science, 2011, 22, 233-244.	1.0	7
6347	Robust Deformable-Surface-Based Skull-Stripping for Large-Scale Studies. Lecture Notes in Computer Science, 2011, 14, 635-642.	1.0	86
6348	Consistent Reconstruction of Cortical Surfaces from Longitudinal Brain MR Images. Lecture Notes in Computer Science, 2011, 14, 671-679.	1.0	2
6349	Classification of Alzheimer's Disease Based on Cortical Thickness Using AdaBoost and Combination Feature Selection Method. Communications in Computer and Information Science, 2011, , 392-401.	0.4	4
6350	Identifying Neuroimaging and Proteomic Biomarkers for MCI and AD via the Elastic Net. Lecture Notes in Computer Science, 2011, 7012, 27-34.	1.0	53
6351	Resting-State fMRI Single Subject Cortical Parcellation Based on Region Growing. Lecture Notes in Computer Science, 2012, 15, 188-195.	1.0	15
6352	The Perirhinal, Entorhinal, and Parahippocampal Cortices and Hippocampus: An Overview of Functional Anatomy and Protocol for Their Segmentation in MR Images. , 2013, , 239-267.		28
6353	Human Age Estimation with Surface-Based Features from MRI Images. Lecture Notes in Computer Science, 2012, , 111-118.	1.0	6
6354	Estimating the Location of Brodmann Areas from Cortical Folding Patterns Using Histology and Ex Vivo MRI. , 2013, , 129-156.		3



#	ARTICLE	IF	CITATIONS
6355	FAST-PVE: Extremely Fast Markov Random Field Based Brain MRI Tissue Classification. Lecture Notes in Computer Science, 2013, , 266-276.	1.0	4
6356	Constructing an Un-biased Whole Body Atlas from Clinical Imaging Data by Fragment Bundling. Lecture Notes in Computer Science, 2013, 16, 219-226.	1.0	2
6357	Fast, Sequence Adaptive Parcellation of Brain MR Using Parametric Models. Lecture Notes in Computer Science, 2013, 16, 727-734.	1.0	11
6359	Segmentierung des Gehirns auf der Basis von MR-Daten. Informatik Aktuell, 2000, , 86-90.	0.4	2
6360	The Neurobiology of Childhood Structural Brain Development: Conception Through Adulthood. Current Topics in Behavioral Neurosciences, 2013, , 3-17.	0.8	37
6361	Estimating the Location of Brodmann Areas from Cortical Folding Patterns Using Histology and Ex Vivo MRI. , 2013, , 129-156.		1
6362	Clinical Systems Neuroscience. , 2015, , 89-114.		1
6363	Segregation between the parietal memory network and the default mode network: effects of spatial smoothing and model order in ICA. Science Bulletin, 2016, 61, 1844-1854.	4.3	14
6364	Structural Brain Abnormalities of Attention-Deficit/Hyperactivity Disorder With Oppositional Defiant Disorder. Biological Psychiatry, 2017, 82, 642-650.	0.7	50
6365	Analysis of local gyrification index using a novel shape-adaptive kernel and the standard FreeSurfer spherical kernel – evidence from chronic schizophrenia outpatients. Heliyon, 2020, 6, e04172.	1.4	5
6366	Infant FreeSurfer: An automated segmentation and surface extraction pipeline for T1-weighted neuroimaging data of infants 0–2 years. NeuroImage, 2020, 218, 116946.	2.1	96
6367	Brain activation and subjective anxiety during an anticipatory anxiety task is related to clinical outcome during prazosin treatment for alcohol use disorder. NeuroImage: Clinical, 2020, 26, 102162.	1.4	5
6368	Neural activity underlying the detection of an object movement by an observer during forward self-motion: Dynamic decoding and temporal evolution of directional cortical connectivity. Progress in Neurobiology, 2020, 195, 101824.	2.8	4
6369	Differences in brain surface area and cortical volume between suicide attempters and non-attempters with major depressive disorder. Psychiatry Research - Neuroimaging, 2020, 297, 111032.	0.9	19
6370	Perceptual and memory inhibition deficits in clinically healthy older adults are associated with region-specific, doubly dissociable patterns of cortical thinning.. Behavioral Neuroscience, 2017, 131, 220-225.	0.6	6
6371	Social perspective taking is associated with self-reported prosocial behavior and regional cortical thickness across adolescence.. Developmental Psychology, 2018, 54, 1745-1757.	1.2	40
6372	Cognitive performance and structural brain correlates in long-term anabolic-androgenic steroid exposed and nonexposed weightlifters.. Neuropsychology, 2019, 33, 547-559.	1.0	36
6373	Association between subjective memory assessment and associative memory performance: Role of ad risk factors.. Psychology and Aging, 2018, 33, 109-118.	1.4	20

#	ARTICLE	IF	CITATIONS
6374	Macroscale and microcircuit dissociation of focal and generalized human epilepsies. <i>Communications Biology</i> , 2020, 3, 244.	2.0	34
6375	Auditory Feedback Control Mechanisms Do Not Contribute to Cortical Hyperactivity Within the Voice Production Network in Adductor Spasmodic Dysphonia. <i>Journal of Speech, Language, and Hearing Research</i> , 2020, 63, 421-432.	0.7	7
6376	Neuroanatomical Correlates of Childhood Stuttering: MRI Indices of White and Gray Matter Development That Differentiate Persistence Versus Recovery. <i>Journal of Speech, Language, and Hearing Research</i> , 2019, 62, 2986-2998.	0.7	14
6377	Traumatic Brain Injury in a Community-Based Cohort of Homeless and Vulnerably Housed Individuals. <i>Journal of Neurotrauma</i> , 2017, 34, 3301-3310.	1.7	19
6378	An introduction to functional magnetic resonance imaging of the brain. , 2001, , 4-34.		7
6379	MEG: An Introduction to Methods. , 2010, , .		220
6380	1.3 Studies of the Human Brain Combining Functional Neuroimaging and Electrophysiological Methods. , 2010, , 47-66.		4
6381	Brainstem and striatal volume changes are detectable in under 1 year and predict motor decline in spinocerebellar ataxia type 1. <i>Brain Communications</i> , 2020, 2, fcaa184.	1.5	15
6382	Poor Self-Reported Sleep is Related to Regional Cortical Thinning in Aging but not Memory Decline—Results From the Lifebrain Consortium. <i>Cerebral Cortex</i> , 2021, 31, 1953-1969.	1.6	25
6383	Cortical Thickness and Local Gyrification in Children with Developmental Dyslexia. <i>Cerebral Cortex</i> , 2018, 28, 963-973.	1.6	44
6384	Cortical Thickness in Crouzonâ€Pfeiffer Syndrome: Findings in Relation to Primary Cranial Vault Expansion. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2020, 8, e3204.	0.3	2
6385	Baseline Brain Segmental Volumes in Responders and Nonresponders to Anticholinergic Therapy for Overactive Bladder Syndrome. <i>Female Pelvic Medicine and Reconstructive Surgery</i> , 2021, 27, e399-e407.	0.6	2
6386	Memory Profiles in Pathology or Biomarker Confirmed Alzheimer Disease and Frontotemporal Dementia. <i>Alzheimer Disease and Associated Disorders</i> , 2015, 29, 135-140.	0.6	17
6563	Neuroimaging-based methods for autism identification: a possible translational application?. <i>Functional Neurology</i> , 0, , .	1.3	11
6564	Investigation of the sensitivity of functional near-infrared spectroscopy brain imaging to anatomical variations in 5- to 11-year-old children. <i>Neurophotonics</i> , 2017, 5, 1.	1.7	22
6565	Machine Learning Techniques for the Diagnosis of Alzheimerâ€™s Disease. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2020, 16, 1-35.	3.0	128
6566	Objects Are Highlighted by Spatial Attention. <i>Journal of Cognitive Neuroscience</i> , 2006, 18, 298-310.	1.1	61
6567	The Influence of Axial Length Upon the Retinal Ganglion Cell Layer of the Human Eye. <i>Translational Vision Science and Technology</i> , 2020, 9, 9.	1.1	18

#	ARTICLE	IF	CITATIONS
6568	A human amygdala site that inhibits respiration and elicits apnea in pediatric epilepsy. JCI Insight, 2020, 5, .	2.3	45
6569	Preliminary Evidence for Sensitive Periods in the Effect of Childhood Sexual Abuse on Regional Brain Development. Journal of Neuropsychiatry and Clinical Neurosciences, 2008, 20, 292-301.	0.9	338
6570	Left hemispheric deficit in the sustained neuromagnetic response to periodic click trains in children with ASD. Molecular Autism, 2020, 11, 100.	2.6	18
6571	Multimodal analysis using [11C]PiB-PET/MRI for functional evaluation of patients with Alzheimer's disease. EJNMMI Research, 2020, 10, 30.	1.1	17
6572	Error propagation analysis of seven partial volume correction algorithms for [18F]THK-5351 brain PET imaging. EJNMMI Physics, 2020, 7, 57.	1.3	8
6573	Fundamentals of Data Analysis Methods in Functional MRI. Signal Processing and Communications, 2005, , 481-503.	0.2	15
6574	Structural brain abnormalities in 12 persons with aniridia. F1000Research, 2017, 6, 255.	0.8	12
6575	Preprocessed Consortium for Neuropsychiatric Phenomics dataset. F1000Research, 2017, 6, 1262.	0.8	48
6576	Identification of the ventral occipital visual field maps in the human brain. F1000Research, 2017, 6, 1526.	0.8	14
6577	Comparison of human population receptive field estimates between scanners and the effect of temporal filtering. F1000Research, 2019, 8, 1681.	0.8	10
6578	Sex differences in cortical and subcortical human brain anatomy. F1000Research, 0, 4, 88.	0.8	21
6579	A multi-scale computational model of the effects of TMS on motor cortex. F1000Research, 2016, 5, 1945.	0.8	30
6580	A multi-scale computational model of the effects of TMS on motor cortex. F1000Research, 2016, 5, 1945.	0.8	26
6581	Different Cortical Thinning Patterns Depending on Their Prognosis in Individuals with Subjective Cognitive Decline. Dementia and Neurocognitive Disorders, 2019, 18, 113.	0.4	7
6582	Study of Neurovascular Coupling via Simultaneous MEG DOI Acquisition. , 2008, , .		1
6583	Validating an anatomical brain atlas for analyzing NIRS measurements of brain activation. , 2010, , .		3
6584	A multi-scale cortical wiring space links cellular architecture and functional dynamics in the human brain. PLoS Biology, 2020, 18, e3000979.	2.6	68
6585	Colocalized Structural and Functional Changes in the Cortex of Patients with Trigeminal Neuropathic Pain. PLoS ONE, 2008, 3, e3396.	1.1	109

#	ARTICLE	IF	CITATIONS
6586	Early Category-Specific Cortical Activation Revealed by Visual Stimulus Inversion. PLoS ONE, 2008, 3, e3503.	1.1	72
6587	Divergent Cortical Generators of MEG and EEG during Human Sleep Spindles Suggested by Distributed Source Modeling. PLoS ONE, 2010, 5, e11454.	1.1	46
6588	Selective Disruption of the Cerebral Neocortex in Alzheimer's Disease. PLoS ONE, 2010, 5, e12853.	1.1	69
6589	Large-Scale Cortical Functional Organization and Speech Perception across the Lifespan. PLoS ONE, 2011, 6, e16510.	1.1	19
6590	Increased Cortical Thickness in Sports Experts: A Comparison of Diving Players with the Controls. PLoS ONE, 2011, 6, e17112.	1.1	65
6591	Reduced Cortical Thickness in Mental Retardation. PLoS ONE, 2011, 6, e29673.	1.1	16
6592	The Cerebellum Link to Neuroticism: A Volumetric MRI Association Study in Healthy Volunteers. PLoS ONE, 2012, 7, e37252.	1.1	32
6593	Impact of Brain-Derived Neurotrophic Factor Val66Met Polymorphism on Cortical Thickness and Voxel-Based Morphometry in Healthy Chinese Young Adults. PLoS ONE, 2012, 7, e37777.	1.1	38
6594	Dissociable Influences of Auditory Object vs. Spatial Attention on Visual System Oscillatory Activity. PLoS ONE, 2012, 7, e38511.	1.1	12
6595	Auditory Cortex Responses to Clicks and Sensory Modulation Difficulties in Children with Autism Spectrum Disorders (ASD). PLoS ONE, 2012, 7, e39906.	1.1	47
6596	The Fusiform Face Area Is Engaged in Holistic, Not Parts-Based, Representation of Faces. PLoS ONE, 2012, 7, e40390.	1.1	51
6597	Decoding Reveals Plasticity in V3A as a Result of Motion Perceptual Learning. PLoS ONE, 2012, 7, e44003.	1.1	37
6598	Two-Stage Processing of Sounds Explains Behavioral Performance Variations due to Changes in Stimulus Contrast and Selective Attention: An MEG Study. PLoS ONE, 2012, 7, e46872.	1.1	10
6599	Contrast-Based Fully Automatic Segmentation of White Matter Hyperintensities: Method and Validation. PLoS ONE, 2012, 7, e48953.	1.1	49
6600	A Brain Network Processing the Age of Faces. PLoS ONE, 2012, 7, e49451.	1.1	13
6601	Reduced Visual Cortex Gray Matter Volume and Thickness in Young Adults Who Witnessed Domestic Violence during Childhood. PLoS ONE, 2012, 7, e52528.	1.1	143
6602	Reliable Identification of Deep Sulcal Pits: The Effects of Scan Session, Scanner, and Surface Extraction Tool. PLoS ONE, 2013, 8, e53678.	1.1	22
6603	Dissecting the Gene Dose-Effects of the APOE $\epsilon$ 4 and $\epsilon$ 2 Alleles on Hippocampal Volumes in Aging and Alzheimer's Disease. PLoS ONE, 2013, 8, e54483.	1.1	64

#	ARTICLE	IF	CITATIONS
6604	Reduced Fronto-Temporal and Limbic Connectivity in the 22q11.2 Deletion Syndrome: Vulnerability Markers for Developing Schizophrenia?. PLoS ONE, 2013, 8, e58429.	1.1	44
6605	Selectivity to Translational Egomotion in Human Brain Motion Areas. PLoS ONE, 2013, 8, e60241.	1.1	73
6606	Subjective Size Perception Depends on Central Visual Cortical Magnification in Human V1. PLoS ONE, 2013, 8, e60550.	1.1	75
6607	Can Taichi Reshape the Brain? A Brain Morphometry Study. PLoS ONE, 2013, 8, e61038.	1.1	119
6608	Topographic Hub Maps of the Human Structural Neocortical Network. PLoS ONE, 2013, 8, e65511.	1.1	46
6609	Bayesian Parameter Estimation and Segmentation in the Multi-Atlas Random Orbit Model. PLoS ONE, 2013, 8, e65591.	1.1	150
6610	Muscular Weakness in Individuals with HIV Associated with a Disorganization of the Cortico-Spinal Tract: A Multi-Modal MRI Investigation. PLoS ONE, 2013, 8, e66810.	1.1	9
6611	Electric Field Encephalography as a Tool for Functional Brain Research: A Modeling Study. PLoS ONE, 2013, 8, e67692.	1.1	10
6612	Different Cortical Dynamics in Face and Body Perception: An MEG study. PLoS ONE, 2013, 8, e71408.	1.1	42
6613	Cluster-Based Statistics for Brain Connectivity in Correlation with Behavioral Measures. PLoS ONE, 2013, 8, e72332.	1.1	43
6614	Regional Neural Response Differences in the Determination of Faces or Houses Positioned in a Wide Visual Field. PLoS ONE, 2013, 8, e72728.	1.1	9
6615	Amygdala Volume Predicts Inter-Individual Differences in Fearful Face Recognition. PLoS ONE, 2013, 8, e74096.	1.1	32
6616	Boosting BOLD fMRI by K-Space Density Weighted Echo Planar Imaging. PLoS ONE, 2013, 8, e74501.	1.1	3
6617	Neonatal Pain-Related Stress Predicts Cortical Thickness at Age 7 Years in Children Born Very Preterm. PLoS ONE, 2013, 8, e76702.	1.1	213
6618	Contribution of Brain Size to IQ and Educational Underperformance in Extremely Preterm Adolescents. PLoS ONE, 2013, 8, e77475.	1.1	70
6619	Alzheimer's Disease Risk Assessment Using Large-Scale Machine Learning Methods. PLoS ONE, 2013, 8, e77949.	1.1	85
6620	Disconnection Mechanism and Regional Cortical Atrophy Contribute to Impaired Processing of Facial Expressions and Theory of Mind in Multiple Sclerosis: A Structural MRI Study. PLoS ONE, 2013, 8, e82422.	1.1	68
6621	Association between Glucocorticoid Receptor Methylation and Hippocampal Subfields in Major Depressive Disorder. PLoS ONE, 2014, 9, e85425.	1.1	125

#	ARTICLE	IF	CITATIONS
6622	Mapping Cortical Thickness of the Patients with Unilateral End-Stage Open Angle Glaucoma on Planar Cerebral Cortex Maps. PLoS ONE, 2014, 9, e93682.	1.1	30
6623	A Correspondence between Individual Differences in the Brain's Intrinsic Functional Architecture and the Content and Form of Self-Generated Thoughts. PLoS ONE, 2014, 9, e97176.	1.1	134
6624	Revealing Time-Unlocked Brain Activity from MEG Measurements by Common Waveform Estimation. PLoS ONE, 2014, 9, e98014.	1.1	4
6625	Correlations between Brain Cortical Thickness and Cutaneous Pain Thresholds Are Atypical in Adults with Migraine. PLoS ONE, 2014, 9, e99791.	1.1	34
6626	Dissociable Genetic Contributions to Error Processing: A Multimodal Neuroimaging Study. PLoS ONE, 2014, 9, e101784.	1.1	25
6627	Interleukin-6, Age, and Corpus Callosum Integrity. PLoS ONE, 2014, 9, e106521.	1.1	48
6628	Reduced Cortical Complexity in Children with Prader-Willi Syndrome and Its Association with Cognitive Impairment and Developmental Delay. PLoS ONE, 2014, 9, e107320.	1.1	32
6629	Functional Roles of 10 Hz Alpha-Band Power Modulating Engagement and Disengagement of Cortical Networks in a Complex Visual Motion Task. PLoS ONE, 2014, 9, e107715.	1.1	15
6630	Greater BOLD Variability in Older Compared with Younger Adults during Audiovisual Speech Perception. PLoS ONE, 2014, 9, e111121.	1.1	23
6631	Sexual Orientation Related Differences in Cortical Thickness in Male Individuals. PLoS ONE, 2014, 9, e114721.	1.1	36
6632	Successful Decoding of Famous Faces in the Fusiform Face Area. PLoS ONE, 2015, 10, e0117126.	1.1	95
6633	Head-to-Head Comparison of Two Popular Cortical Thickness Extraction Algorithms: A Cross-Sectional and Longitudinal Study. PLoS ONE, 2015, 10, e0117692.	1.1	53
6634	Age, Gender and Normalization Covariates for Spinal Cord Gray Matter and Total Cross-Sectional Areas at Cervical and Thoracic Levels: A 2D Phase Sensitive Inversion Recovery Imaging Study. PLoS ONE, 2015, 10, e0118576.	1.1	54
6635	Computational Study of Subdural Cortical Stimulation: Effects of Simulating Anisotropic Conductivity on Activation of Cortical Neurons. PLoS ONE, 2015, 10, e0128590.	1.1	19
6636	Multimodal Discrimination of Alzheimer's Disease Based on Regional Cortical Atrophy and Hypometabolism. PLoS ONE, 2015, 10, e0129250.	1.1	21
6637	Birth Weight and Adult IQ, but Not Anxious-Depressive Psychopathology, Are Associated with Cortical Surface Area: A Study in Twins. PLoS ONE, 2015, 10, e0129616.	1.1	6
6638	Surface-Based Display of Volume-Averaged Cerebellar Imaging Data. PLoS ONE, 2015, 10, e0133402.	1.1	221
6639	Grey Matter Atrophy in Multiple Sclerosis: Clinical Interpretation Depends on Choice of Analysis Method. PLoS ONE, 2016, 11, e0143942.	1.1	45

#	ARTICLE	IF	CITATIONS
6640	The Structural Correlates of Statistical Information Processing during Speech Perception. PLoS ONE, 2016, 11, e0149375.	1.1	5
6641	Cortical Gyrfication Patterns Associated with Trait Anxiety. PLoS ONE, 2016, 11, e0149434.	1.1	15
6642	Divide and Conquer: Sub-Grouping of ASD Improves ASD Detection Based on Brain Morphometry. PLoS ONE, 2016, 11, e0153331.	1.1	41
6643	Perceived Stress Is Differentially Related to Hippocampal Subfield Volumes among Older Adults. PLoS ONE, 2016, 11, e0154530.	1.1	48
6644	Association of the Fractal Dimension of Retinal Arteries and Veins with Quantitative Brain MRI Measures in HIV-Infected and Uninfected Women. PLoS ONE, 2016, 11, e0154858.	1.1	11
6645	Robust Machine Learning-Based Correction on Automatic Segmentation of the Cerebellum and Brainstem. PLoS ONE, 2016, 11, e0156123.	1.1	18
6646	Longitudinal Changes in White Matter Tract Integrity across the Adult Lifespan and Its Relation to Cortical Thinning. PLoS ONE, 2016, 11, e0156770.	1.1	56
6647	Category-Selectivity in Human Visual Cortex Follows Cortical Topology: A Grouped icEEG Study. PLoS ONE, 2016, 11, e0157109.	1.1	37
6648	Hyperglycemia Reduces Efficiency of Brain Networks in Subjects with Type 2 Diabetes. PLoS ONE, 2016, 11, e0157268.	1.1	44
6649	Gamma Frequency and the Spatial Tuning of Primary Visual Cortex. PLoS ONE, 2016, 11, e0157374.	1.1	6
6650	A Common CYFIP1 Variant at the 15q11.2 Disease Locus Is Associated with Structural Variation at the Language-Related Left Supramarginal Gyrus. PLoS ONE, 2016, 11, e0158036.	1.1	16
6651	Incorporating and Compensating Cerebrospinal Fluid in Surface-Based Forward Models of Magneto- and Electroencephalography. PLoS ONE, 2016, 11, e0159595.	1.1	51
6652	Altered Markers of Brain Development in Crohn's Disease with Extraintestinal Manifestations – A Pilot Study. PLoS ONE, 2016, 11, e0163202.	1.1	26
6653	Abnormal Profiles of Local Functional Connectivity Proximal to Focal Cortical Dysplasias. PLoS ONE, 2016, 11, e0166022.	1.1	15
6654	Children show right-lateralized effects of spoken word-form learning. PLoS ONE, 2017, 12, e0171034.	1.1	21
6655	Mapping cerebral pulse pressure and arterial compliance over the adult lifespan with optical imaging. PLoS ONE, 2017, 12, e0171305.	1.1	33
6656	Prediction and classification of Alzheimer disease based on quantification of MRI deformation. PLoS ONE, 2017, 12, e0173372.	1.1	122
6657	Serum S100B: A proxy marker for grey and white matter status in the absence and presence of (increased risk of) psychotic disorder?. PLoS ONE, 2017, 12, e0174752.	1.1	2

#	ARTICLE	IF	CITATIONS
6658	Similarities and differences between on-scalp and conventional in-helmet magnetoencephalography recordings. PLoS ONE, 2017, 12, e0178602.	1.1	25
6659	When the brain changes its mind: Oscillatory dynamics of conflict processing and response switching in a flanker task during alcohol challenge. PLoS ONE, 2018, 13, e0191200.	1.1	29
6660	Dynamic brain-body coupling of breath-by-breath O <sub>2</sub> -CO <sub>2</sub> exchange ratio with resting state cerebral hemodynamic fluctuations. PLoS ONE, 2020, 15, e0238946.	1.1	8
6661	Determination of Differences in Seed-Based Resting State Functional Magnetic Resonance Imaging Language Networks in Pediatric Patients with Left- and Right-Lateralized Language: A Pilot Study. Journal of Epilepsy Research, 2019, 9, 93-102.	0.1	4
6662	Cigarette smoking is associated with thinner cingulate and insular cortices in patients with severe mental illness. Journal of Psychiatry and Neuroscience, 2015, 40, 241-249.	1.4	23
6663	Global brain connectivity alterations in patients with schizophrenia and bipolar spectrum disorders. Journal of Psychiatry and Neuroscience, 2016, 41, 331-341.	1.4	51
6664	Cortical morphology as a shared neurobiological substrate of attention-deficit/hyperactivity symptoms and executive functioning: a population-based pediatric neuroimaging study. Journal of Psychiatry and Neuroscience, 2017, 42, 103-112.	1.4	5
6665	Refinement by integration: aggregated effects of multimodal imaging markers on adult ADHD. Journal of Psychiatry and Neuroscience, 2017, 42, 386-394.	1.4	39
6666	Magnetic resonance imaging texture predicts progression to dementia due to Alzheimer disease earlier than hippocampal volume. Journal of Psychiatry and Neuroscience, 2020, 45, 7-14.	1.4	40
6667	Flexible Reference Frames for Grasp Planning in Human Parietofrontal Cortex. ENeuro, 2015, 2, ENEURO.0008-15.2015.	0.9	21
6668	Sensorimotor Representation of Speech Perception. Cross-Decoding of Place of Articulation Features during Selective Attention to Syllables in 7T fMRI. ENeuro, 2018, 5, ENEURO.0252-17.2018.	0.9	26
6669	Dynamic Brain Interactions during Picture Naming. ENeuro, 2019, 6, ENEURO.0472-18.2019.	0.9	14
6672	The increased gray matter volumes of precentral gyri in Parkinson's disease patients with diphasic dyskinesia. Aging, 2019, 11, 9661-9671.	1.4	7
6673	The impact of folate and vitamin B12 status on cognitive function and brain atrophy in healthy elderly and demented Austrians, a retrospective cohort study. Aging, 2020, 12, 15478-15491.	1.4	5
6674	Test-retest variability of brain morphometry analysis: an investigation of sequence and coil effects. Annals of Translational Medicine, 2020, 8, 12-12.	0.7	22
6675	Modal and dynamic responses of the human head-neck complex for impact applications. Journal of Vibroengineering, 2016, 18, 4743-4755.	0.5	4
6676	Hippocampal Subfield Atrophies in Converted and Not-Converted Mild Cognitive Impairments Patients by a Markov Random Fields Algorithm. Current Alzheimer Research, 2016, 13, 566-574.	0.7	30
6677	Frailty Characteristics in Chronic HIV Patients are Markers of White Matter Atrophy Independently of Age and Depressive Symptoms: A Pilot Study. Open Medicine Journal, 2016, 3, 138-152.	0.5	14



#	ARTICLE	IF	CITATIONS
6678	Bottom-up Retinotopic Organization Supports Top-down Mental Imagery. <i>Open Neuroimaging Journal</i> , 2013, 7, 58-67.	0.2	38
6679	Effects of Moderate Intensity Exercise on the Cortical Thickness and Subcortical Volumes of Preclinical Alzheimer's Disease Patients: A Pilot Study. <i>Psychiatry Investigation</i> , 2020, 17, 613-619.	0.7	4
6681	Oblique trajectory angles in robotic stereo-electroencephalography. <i>Journal of Neurosurgery</i> , 2020, 135, 245-254.	0.9	36
6682	Typical and atypical brain development: a review of neuroimaging studies. <i>Dialogues in Clinical Neuroscience</i> , 2013, 15, 359-384.	1.8	106
6683	Fully-automated volumetric MRI with normative ranges: translation to clinical practice. <i>Behavioural Neurology</i> , 2009, 21, 21-8.	1.1	67
6684	Crossing the divide: a longitudinal study of effective treatments for people with autism and attention deficit hyperactivity disorder across the lifespan. <i>Programme Grants for Applied Research</i> , 2018, 6, 1-240.	0.4	8
6685	Is the Retina a Mirror of the Aging Brain? Aging of Neural Retina Layers and Primary Visual Cortex Across the Lifespan. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 360.	1.7	23
6686	Pathomechanisms of HIV-Associated Cerebral Small Vessel Disease: A Comprehensive Clinical and Neuroimaging Protocol and Analysis Pipeline. <i>Frontiers in Neurology</i> , 2020, 11, 595463.	1.1	6
6687	Localization of MEG human brain responses to retinotopic visual stimuli with contrasting source reconstruction approaches. <i>Frontiers in Neuroscience</i> , 2014, 8, 127.	1.4	10
6688	Improved understanding of brain morphology through 3D printing: A brief guide. <i>Research Ideas and Outcomes</i> , 0, 2, e10266.	1.0	1
6690	Loading and plotting of cortical surface representations in Nilearn. <i>Research Ideas and Outcomes</i> , 0, 3, .	1.0	9
6691	Post-processing of structural MRI for individualized diagnostics. <i>Quantitative Imaging in Medicine and Surgery</i> , 2015, 5, 188-203.	1.1	35
6692	Altered Structural Network in Newly Onset Childhood Absence Epilepsy. <i>Journal of Clinical</i>		

#	ARTICLE	IF	CITATIONS
6698	Gene Interactions and Structural Brain Change in Early-Onset Alzheimer's Disease Subjects Using the Pipeline Environment. <i>Psychiatry Investigation</i> , 2015, 12, 125.	0.7	4
6699	Surface-Based Parameters of Brain Imaging in Male Patients with Alcohol Use Disorder. <i>Psychiatry Investigation</i> , 2016, 13, 511.	0.7	1
6700	Adaptive spatial smoothing of fMRI images. <i>Statistics and Its Interface</i> , 2010, 3, 3-13.	0.2	50
6701	Freezing of gait is associated with cortical thinning in mesial frontal cortex. <i>Biomedical Papers of the Medical Faculty of the University Palacky&amp;#x0301;, Olomouc, Czechoslovakia</i> , 2017, 161, 389-396.	0.2	14
6702	Skill learning strengthens cortical representations of motor sequences. <i>ELife</i> , 2013, 2, e00801.	2.8	158
6703	Human premotor areas parse sequences into their spatial and temporal features. <i>ELife</i> , 2014, 3, e03043.	2.8	83
6704	Widespread correlation patterns of fMRI signal across visual cortex reflect eccentricity organization. <i>ELife</i> , 2015, 4, .	2.8	48
6705	Cross-frequency synchronization connects networks of fast and slow oscillations during visual working memory maintenance. <i>ELife</i> , 2016, 5, .	2.8	91
6706	Revealing the neural fingerprints of a missing hand. <i>ELife</i> , 2016, 5, .	2.8	107
6707	Human intracranial recordings link suppressed transients rather than 'filling-in' to perceptual continuity across blinks. <i>ELife</i> , 2016, 5, .	2.8	40
6708	Rotating waves during human sleep spindles organize global patterns of activity that repeat precisely through the night. <i>ELife</i> , 2016, 5, .	2.8	151
6709	Perceptually relevant remapping of human somatotopy in 24 hours. <i>ELife</i> , 2016, 5, .	2.8	40
6710	Frontal beta-theta network during REM sleep. <i>ELife</i> , 2017, 6, .	2.8	48
6711	Visual field map clusters in human frontoparietal cortex. <i>ELife</i> , 2017, 6, .	2.8	92
6712	A hierarchical, retinotopic proto-organization of the primate visual system at birth. <i>ELife</i> , 2017, 6, .	2.8	132
6713	Whole brain comparative anatomy using connectivity blueprints. <i>ELife</i> , 2018, 7, .	2.8	135
6714	GABA, not BOLD, reveals dissociable learning-dependent plasticity mechanisms in the human brain. <i>ELife</i> , 2018, 7, .	2.8	40
6715	Obtaining and maintaining cortical hand representation as evidenced from acquired and congenital handlessness. <i>ELife</i> , 2019, 8, .	2.8	53

#	ARTICLE	IF	CITATIONS
6716	Consolidation alters motor sequence-specific distributed representations. <i>ELife</i> , 2019, 8, .	2.8	863
6717	Bayesian analysis of retinotopic maps. <i>ELife</i> , 2018, 7, .	2.8	102
6718	Alcoholism gender differences in brain responsivity to emotional stimuli. <i>ELife</i> , 2019, 8, .	2.8	19
6719	Inter-individual differences in human brain structure and morphology link to variation in demographics and behavior. <i>ELife</i> , 2019, 8, .	2.8	86
6720	Statistical learning attenuates visual activity only for attended stimuli. <i>ELife</i> , 2019, 8, .	2.8	55
6721	Electrocorticographic dissociation of alpha and beta rhythmic activity in the human sensorimotor system. <i>ELife</i> , 2019, 8, .	2.8	64
6722	The visual speech head start improves perception and reduces superior temporal cortex responses to auditory speech. <i>ELife</i> , 2019, 8, .	2.8	36
6723	Noninvasive quantification of axon radii using diffusion MRI. <i>ELife</i> , 2020, 9, .	2.8	137
6724	Cortical excitability controls the strength of mental imagery. <i>ELife</i> , 2020, 9, .	2.8	37
6725	Movement-related coupling of human subthalamic nucleus spikes to cortical gamma. <i>ELife</i> , 2020, 9, .	2.8	21
6726	Uncovering the functional anatomy of the human insula during speech. <i>ELife</i> , 2019, 8, .	2.8	33
6727	Combining magnetoencephalography with magnetic resonance imaging enhances learning of surrogate-biomarkers. <i>ELife</i> , 2020, 9, .	2.8	64
6728	An electrophysiological marker of arousal level in humans. <i>ELife</i> , 2020, 9, .	2.8	194
6729	A critical re-evaluation of fMRI signatures of motor sequence learning. <i>ELife</i> , 2020, 9, .	2.8	58
6730	Hippocampal and cortical mechanisms at retrieval explain variability in episodic remembering in older adults. <i>ELife</i> , 2020, 9, .	2.8	38
6731	Computer code comprehension shares neural resources with formal logical inference in the fronto-parietal network. <i>ELife</i> , 2020, 9, .	2.8	24
6732	Topographic gradients of intrinsic dynamics across neocortex. <i>ELife</i> , 2020, 9, .	2.8	99
6733	Sensitivity to the visual field origin of natural image patches in human low-level visual cortex. <i>PeerJ</i> , 2015, 3, e1038.	0.9	9

#	ARTICLE	IF	CITATIONS
6734	Age differences in head motion and estimates of cortical morphology. PeerJ, 2018, 6, e5176.	0.9	52
6735	Assessing distinct patterns of cognitive aging using tissue-specific brain age prediction based on diffusion tensor imaging and brain morphometry. PeerJ, 2018, 6, e5908.	0.9	90
6736	The brain-derived neurotrophic factor Val66Met polymorphism increases segregation of structural correlation networks in healthy adult brains. PeerJ, 2020, 8, e9632.	0.9	5
6737	Manual Planimetry of the Medial Temporal Lobe Versus Automated Volumetry of the Hippocampus in the Diagnosis of Alzheimer's Disease. Cureus, 2016, 8, e544.	0.2	10
6738	Hippocampal Subfields Volume Reduction in High Schoolers with Previous Verbal Abuse Experiences. Clinical Psychopharmacology and Neuroscience, 2018, 16, 46-56.	0.9	27
6739	Assisting the diagnosis of multiple sclerosis using a set of regional brain volumes: A classification model for patients and healthy controls. Informatics in Medicine Unlocked, 2021, 26, 100766.	1.9	2
6740	Dimensional distribution of cortical abnormality across antipsychotics treatment-resistant and responsive schizophrenia. NeuroImage: Clinical, 2021, 32, 102852.	1.4	9
6741	Well-Posedness and Discretization for a Class of Models for Mixed-Dimensional Problems with High-Dimensional Gap. SIAM Journal on Applied Mathematics, 2021, 81, 2218-2245.	0.8	3
6742	Atypical development of Broca's area in a large family with inherited stuttering. Brain, 2022, 145, 1177-1188.	3.7	6
6743	A Guided Attention 4D Convolutional Neural Network for Modeling Spatio-Temporal Patterns of Functional Brain Networks. Lecture Notes in Computer Science, 2021, , 350-361.	1.0	2
6744	Age-related trends in the cortical sources of transient beta bursts during a sensorimotor task and rest. NeuroImage, 2021, 245, 118670.	2.1	8
6745	Use of probabilistic tractography to provide reliable distinction of the motor and sensory thalamus for prospective targeting during asleep deep brain stimulation. Journal of Neurosurgery, 2022, 136, 1371-1380.	0.9	7
6746	Alterations in the Occipital Cortex of Drug-Naïve Adults With Major Depressive Disorder: A Surface-Based Analysis of Surface Area and Cortical Thickness. Psychiatry Investigation, 2021, 18, 1025-1033.	0.7	10
6747	Imaging in Huntington's. Neuromethods, 2022, , 457-505.	0.2	0
6748	How the brain negotiates divergent executive processing demands: Evidence of network reorganization in fleeting brain states. NeuroImage, 2021, 245, 118653.	2.1	4
6749	Magnetoencephalography reveals differences in brain activations for fast and slow responses to simple multiplications. Scientific Reports, 2021, 11, 20296.	1.6	6
6750	Relationship Between Brain Volumes and Objective Balance and Gait Measures in Parkinson's Disease. Journal of Parkinson's Disease, 2022, 12, 283-294.	1.5	5
6753	Associations between cortical thickness and anxious/depressive symptoms differ by the quality of early care. Development and Psychopathology, 2023, 35, 73-84.	1.4	2

#	ARTICLE	IF	CITATIONS
6754	The relationship between transcription and eccentricity in human V1. <i>Brain Structure and Function</i> , 2021, 226, 2807-2818.	1.2	8
6755	Computer simulation of tumour <scp>resectionâ€induced</scp> brain deformation by a meshless approach. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2022, 38, e3539.	1.0	4
6756	Mining the Mind: Linear Discriminant Analysis of MEG Source Reconstruction Time Series Supports Dynamic Changes in Deep Brain Regions During Meditation Sessions. <i>Brain Topography</i> , 2021, 34, 840-862.	0.8	4
6757	Inter-species cortical registration between macaques and humans using a functional network property under a spherical demons framework. <i>PLoS ONE</i> , 2021, 16, e0258992.	1.1	0
6759	Structural Differences Across Multiple Visual Cortical Regions in the Absence of Cone Function in Congenital Achromatopsia. <i>Frontiers in Neuroscience</i> , 2021, 15, 718958.	1.4	7
6761	Development of Thalamocortical Structural Connectivity in Typically Developing and Psychosis Spectrum Youths. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2022, 7, 782-792.	1.1	8
6762	Activation of the default network during a theory of mind task predicts individual differences in agreeableness and social cognitive ability. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2022, 22, 383-402.	1.0	5
6763	The global configuration of visual stimuli alters co-fluctuations of cross-hemispheric human brain activity. <i>Journal of Neuroscience</i> , 2021, 41, JN-RM-3214-20.	1.7	3
6766	Enhanced Temporal Coupling between Thalamus and Dorsolateral Prefrontal Cortex Mediates Chronic Low Back Pain and Depression. <i>Neural Plasticity</i> , 2021, 2021, 1-10.	1.0	20
6767	Structural Brain Network Reproducibility: Influence of Different Diffusion Acquisition and Tractography Reconstruction Schemes on Graph Metrics. <i>Brain Connectivity</i> , 2022, 12, 754-767.	0.8	7
6770	Prefrontal Physiometers of Anxiety and Depression in Parkinsonâ€™s Disease. <i>Frontiers in Neuroscience</i> , 2021, 15, 748165.	1.4	11
6771	The Characteristics of Power Spectral Density in Bipolar Disorder at the Resting State. <i>Clinical EEG and Neuroscience</i> , 2023, 54, 574-583.	0.9	3
6772	Subthalamicâ€™Cortical Network Reorganization during Parkinson's Tremor. <i>Journal of Neuroscience</i> , 2021, 41, 9844-9858.	1.7	16
6773	Finger somatotopy is preserved after tetraplegia but deteriorates over time. <i>ELife</i> , 2021, 10, .	2.8	14
6774	Participant factors that contribute to magnetic resonance imaging motion artifacts in children with mild traumatic brain injury or orthopedic injury. <i>Brain Imaging and Behavior</i> , 2022, 16, 991-1002.	1.1	7
6776	Comprehensive Analysis of Brain Volume in REM Sleep Behavior Disorder with Mild Cognitive Impairment. <i>Journal of Parkinson's Disease</i> , 2022, 12, 229-241.	1.5	18
6777	Diagnostic Efficacy of Voxel-Mirrored Homotopic Connectivity in Vascular Dementia as Compared to Alzheimerâ€™s Related Neurodegenerative Diseasesâ€™A Resting State fMRI Study. <i>Life</i> , 2021, 11, 1108.	1.1	9
6779	Seizure control does not predict hippocampal subfield volume change in children with focal drug-resistant epilepsy. <i>Neuroradiology Journal</i> , 2021, , 197140092110490.	0.6	1

#	ARTICLE	IF	CITATIONS
6781	Cognitive Reserve Moderates the Efficiency of Prefrontal Cortex Activation Patterns of Gait in Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 1836-1844.	1.7	7
6782	Brain structural complexity and consciousness. <i>Philosophy and the Mind Sciences</i> , 0, 2, .	1.3	0
6783	Decreased Cortical Thickness and Local Gyrfication in Individuals with Subjective Cognitive Impairment. <i>Clinical Psychopharmacology and Neuroscience</i> , 2021, 19, 640-652.	0.9	6
6784	Efficient high-resolution TMS mapping of the human motor cortex by nonlinear regression. <i>NeuroImage</i> , 2021, 245, 118654.	2.1	33
6785	Causal decoding of individual cortical excitability states. <i>NeuroImage</i> , 2021, 245, 118652.	2.1	17
6786	A visual encoding model links magnetoencephalography signals to neural synchrony in human cortex. <i>NeuroImage</i> , 2021, 245, 118655.	2.1	3
6787	Numerical model of electrical potential within a human head. <i>ANZIAM Journal</i> , 0, 42, 1218.	0.0	0
6788	Registration, atlases and cortical flattening. , 2001, , 271-295.		2
6789	A Note on Future Research in Segmentation Techniques Applied to Neurology, Cardiology, Mammography and Pathology. , 2002, , 559-572.		1
6790	GeMBASE. , 2002, , 1075-1078.		0
6791	Robuste vollautomatische Gehirnsegmentierung basierend auf einer 3D-Wasserscheidentransformation. <i>Informatik Aktuell</i> , 2002, , 193-196.	0.4	0
6792	Functional MR Image Visualization and Signal Processing Methods. , 2002, , 189-208.		0
6793	Functional MRI Studies of Perception, Cognition and Emotion: Studies in Normal and Diseased Brains. <i>Neuropsychology and Cognition</i> , 2003, , 131-171.	0.6	0
6794	Topologically Correct Extraction of the Cortical Surface of a Brain Using Level-Set Methods. <i>Informatik Aktuell</i> , 2004, , 50-54.	0.4	4
6795	MRI Technologies in Recent Human Brain Mapping. <i>Plasma and Fusion Research</i> , 2007, 2, S1004-S1004.	0.3	0
6796	Fuzzy Multiscale Region Growing for Segmentation of MR Images of the Human Brain. <i>Informatik Aktuell</i> , 2009, , 242-246.	0.4	0
6797	Modeling Adaptation Effects in fMRI Analysis. <i>Lecture Notes in Computer Science</i> , 2009, 12, 1009-1017.	1.0	2
6798	Manifold Learning and Ranking. , 2010, , 243-266.		0

#	ARTICLE	IF	CITATIONS
6799	Assessing In Vivo Neurodegeneration in Schizophrenia Using Magnetic Resonance. , 2010, , 67-104.		0
6800	Neural Interactions between Dorsal and Ventral Visual Subsystems While Perceiving 3-D Structure from 2-D Motion. IFMBE Proceedings, 2010, , 286-289.	0.2	0
6801	Cortical Thickness Estimation Using DIR Imaging with GRAPPA Factor 2. Journal of the Korean Society of Magnetic Resonance in Medicine, 2010, 14, 56.	0.1	3
6803	AUTOMATIC DEPTH ELECTRODE LOCALIZATION IN INTRACRANIAL SPACE. , 2011, , .		2
6804	Variational Bayesian MultimodalEncephaloGraphy (VBMEG): Its Theory and Applications. The Brain & Neural Networks, 2011, 18, 214-223.	0.1	0
6805	Digital Topology in Brain Image Segmentation and Registration. , 2011, , 339-375.		0
6806	Semiautomatic Segmentation of the Medial Temporal Lobe Anatomical Structures. Lecture Notes in Computer Science, 2011, , 33-40.	1.0	1
6807	Simultaneous PET and MR Imaging of the Human Brain. , 2011, , 867-892.		0
6808	Anatomical Brain Connectivity Map of Korean Children. Journal of the Korean Society of Magnetic Resonance in Medicine, 2011, 15, 110.	0.1	2
6809	Comparison of Three Methods for Localizing Interictal Epileptiform Discharges With Magnetoencephalography. Journal of Clinical Neurophysiology, 2011, 28, 431-440.	0.9	9
6810	Unified Geometry and Topology Correction for Cortical Surface Reconstruction with Intrinsic Reeb Analysis. Lecture Notes in Computer Science, 2012, 15, 601-608.	1.0	3
6811	Functional and Structural MRI: Theoretical Background and Practical Aspects. , 2012, , 269-317.		0
6812	The Stereology and 3D Volume Analyses in Nervous Tissue. Springer Protocols, 2012, , 31-52.	0.1	0
6813	Impact of Gray Matter Pathology on Cognitive Function in Multiple Sclerosis. , 0, , .		0
6814	Specific Absorption Rate Analysis of Heterogeneous Head Models with EEG Electrodes/Leads at 7T MRI. , 0, , .		1
6815	Neuroimaging in Multiple Sclerosis. , 2013, , 43-64.		0
6816	Sensory and Motor Brain Areas Supporting Biological Motion Perception. , 2012, , 369-387.		4
6818	On Feature Relevance in Image-Based Prediction Models: An Empirical Study. Lecture Notes in Computer Science, 2013, , 171-178.	1.0	1

#	ARTICLE	IF	CITATIONS
6819	Morphometric Analyses in Movement Disorders. , 2013, , 25-47.		0
6820	Multimodal Neuroimaging to Visualize Human Visual Processing. Advances in Bioinformatics and Biomedical Engineering Book Series, 2013, , 274-282.	0.2	1
6821	Temporo-Parietal Brain Network Impairment Is Related To EEG ALPHA3/ALPHA2 Power Ration in Prodormal Alzheimerâ€™s Disease. Journal of Neurology & Neurophysiology, 2013, 04, .	0.1	1
6822	Quantifying Brain Morphology Using Structural Imaging. , 2013, , 17-54.		0
6823	Identity Concealment of Brain Images by Masking. Applied Mathematics and Information Sciences, 2013, 7, 1511-1517.	0.7	0
6825	Magnetoencephalography in the study of brain dynamics. Functional Neurology, 0, , .	1.3	6
6826	Impairment of the Posterior Part of the Mirror Neurons System in Alzheimerâ€™s Disease: Evidence from EEG Biomarkers. , 2014, 04, .		0
6827	Non-Conventional MRI Techniques as an Alternative Role to the Clinical Diagnosis in Alzheimerâ€™s Disease. Health, 2014, 06, 2712-2723.	0.1	0
6830	Integration of Topological Constraints in Medical Image Segmentation. , 2015, , 245-262.		5
6831	Learning with Heterogeneous Data for Longitudinal Studies. Lecture Notes in Computer Science, 2015, , 535-542.	1.0	2
6832	Machine Learning on High Dimensional Shape Data from Subcortical Brain Surfaces: A Comparison of Feature Selection and Classification Methods. Lecture Notes in Computer Science, 2015, , 36-43.	1.0	0
6833	Isointense Infant Brain Segmentation by Stacked Kernel Canonical Correlation Analysis. Lecture Notes in Computer Science, 2015, 9467, 28-36.	1.0	1
6835	Genetic Influence on the Human Brain. , 2015, , 247-258.		3
6836	Cortical dysplasia detection using semi-automatic cortical thickness methods. Salud Uninorte, 2015, 31, 575-583.	0.0	0
6840	Detailed Structure of the Cortical Magnetic Response to Words. Lecture Notes in Computer Science, 2016, , 691-697.	1.0	1
6841	Mild Traumatic Brain Injury Outcome Prediction Based on Both Graph and K-nn Methods. Lecture Notes in Computer Science, 2016, , 271-281.	1.0	1
6853	Feature Selection on MR Images Using Genetic Algorithm with SVM and Naive Bayes Classifiers. International Journal of Intelligent Systems and Applications in Engineering, 2016, 4, 170-174.	1.0	1
6856	Utility of Magnetic Resonance Findings in Elucidating Structural and Functional Brain Impairment in Traumatic Brain Injury. , 2017, , 443-456.		0



#	ARTICLE	IF	CITATIONS
6857	Secure multivariate large-scale multi-centric analysis through on-line learning: an imaging genetics case study. , 2017, , .		0
6858	Unpredictability and personality of cortical activity preceding action. Translational Brain Rhythmicity, 2017, 2, .	0.3	0
6859	Riccati-Regularized Precision Matrices for Neuroimaging. Lecture Notes in Computer Science, 2017, 10265, 275-286.	1.0	1
6873	Feature Selection from 3D Brain Model for Some Dementia Subtypes Using Genetic Algorithm. International Journal of Intelligent Systems and Applications in Engineering, 2017, Special Issue, 1-6.	1.0	0
6887	Bayesian automated cortical segmentation for neonatal MRI. , 2017, 10572, .		0
6897	Predicting Eye Movements from Deep Neural Network Activity Decoded from fMRI Responses to Natural Scenes. SSRN Electronic Journal, 0, , .	0.4	0
6898	SCCA-Ref: Novel Sparse Canonical Correlation Analysis with Reference to Discover Independent Spatial Associations Between White Matter Hyperintensities and Atrophy. Lecture Notes in Computer Science, 2018, , 81-88.	1.0	0
6902	Spatial and Temporal Organization of the Individual Human Cerebellum. SSRN Electronic Journal, 0, , .	0.4	2
6904	Magnetic Resonance Imaging: Basic Principles and Applications. Contemporary Clinical Neuroscience, 2018, , 1-25.	0.3	0
6915	Hubs defined with participation coefficient metric altered following acute mTBI. , 2018, , .		0
6916	Improved stability of whole brain surface parcellation with multi-atlas segmentation. , 2018, 10574, .		4
6938	Structural Changes in the Cerebral Cortex with Hepatitis C Virus Infection. Journal of the Nihon University Medical Association, 2018, 77, 261-266.	0.0	0
6967	Geometric Brain Surface Network for Brain Cortical Parcellation. Lecture Notes in Computer Science, 2019, 11849, 120-129.	1.0	3
6970	Cortical thickness and subcortical volume in adolescent synthetic cannabinoid users with or without ADHD: a preliminary study. Noropsikiyatri Arsivi, 2019, 56, 167-172.	0.2	5
6971	Abnormal subcortical volumes and cortical thickness in Parkinson's disease with impulse control disorders. Annals of Indian Academy of Neurology, 2019, 22, 426.	0.2	3
6975	Predict Fluid Intelligence of Adolescent Using Ensemble Learning. Lecture Notes in Computer Science, 2019, , 66-73.	1.0	1
6976	Multimodal quantitative magnetic resonance imaging analysis with individualized postprocessing in patients with drug-resistant focal epilepsy and conventional visual inspection negative for epileptogenic lesions. Clinics, 2019, 74, e908.	0.6	0
6977	Surface-Based Brain Morphometry for the Prediction of Fluid Intelligence in the Neurocognitive Prediction Challenge 2019. Lecture Notes in Computer Science, 2019, , 26-34.	1.0	1

#	ARTICLE	IF	CITATIONS
6989	Improving estimates of brain metabolite concentrations in MR spectroscopic imaging (MRSI) through MRI content. , 2019, , .		0
7010	Pilot Study: An Ocular Biomarker for Diagnosis of Attention Deficit Hyperactivity Disorder. Psychiatry Investigation, 2019, 16, 370-378.	0.7	7
7016	Parkinsonism and Related Disorders. , 0, , .		0
7045	Comparison of human population receptive field estimates between scanners and the effect of temporal filtering. F1000Research, 2019, 8, 1681.	0.8	8
7054	Ictal networks of temporal lobe epilepsy: views from high-frequency oscillations in stereoelectroencephalography. Journal of Neurosurgery, 2019, 131, 1086-1194.	0.9	3
7062	Are primary and secondary types of brain anomalies exclusive factors affecting the attention networks in individuals with spina bifida?. Neuropsychology, 2019, 33, 1057-1064.	1.0	1
7096	Dynamic time-locking mechanism in the cortical representation of spoken words. ENeuro, 2020, 7, ENEURO.0475-19.2020.	0.9	5
7122	Combining Noninvasive Electromagnetic and Hemodynamic Measures of Human Brain Activity. , 2021, , 179-193.		1
7125	Reduced Thickness of the Anterior Cingulate Cortex as a Predictor of Amnesic-Mild Cognitive Impairment Conversion to Alzheimer's Disease with Psychosis. Journal of Alzheimer's Disease, 2021, 84, 1709-1717.	1.2	5
7126	Hypothalamus volume in men: Investigating associations with paternal status, self-reported caregiving beliefs, and adult attachment style. Social Neuroscience, 2021, 16, 639-652.	0.7	3
7127	Power spectra reveal distinct BOLD resting-state time courses in white matter. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	16
7129	Cortical Morphology in Cannabis Use Disorder: Implications for Transcranial Direct Current Stimulation Treatment. Basic and Clinical Neuroscience, 0, , 1-31.	0.3	1
7130	Functional network dynamics and decreased conscientiousness in multiple sclerosis. Journal of Neurology, 2022, 269, 2696-2706.	1.8	9
7133	Semi-Automated and Direct Localization and Labeling of EEG Electrodes Using MR Structural Images for Simultaneous fMRI-EEG. Frontiers in Neuroscience, 2020, 14, 558981.	1.4	2
7136	Imbalanced learning: Improving classification of diabetic neuropathy from magnetic resonance imaging. PLoS ONE, 2020, 15, e0243907.	1.1	14
7141	MORPHOLOGICAL VARIANCE AND RELATED TAXONOMY OF THE PLANUM TEMPORALE. Journal of Hearing Science, 2020, 10, 9-19.	0.1	0
7145	White matter pathways underlying Chinese semantic and phonological fluency in mild cognitive impairment. Neuropsychologia, 2020, 149, 107671.	0.7	6
7147	Surface-based analysis of the developing cerebral cortex. Advances in Magnetic Resonance Technology and Applications, 2021, , 287-307.	0.0	0

#	ARTICLE	IF	CITATIONS
7148	Long-term air pollution, noise, and structural measures of the Default Mode Network in the brain: Results from the 1000BRAINS cohort. <i>International Journal of Hygiene and Environmental Health</i> , 2022, 239, 113867.	2.1	3
7149	Automatic Tissue Segmentation with Deep Learning in Patients with Congenital or Acquired Distortion of Brain Anatomy. <i>Lecture Notes in Computer Science</i> , 2020, , 13-22.	1.0	1
7150	Multiplex connectome changes across the alzheimerâ€™s disease spectrum using gray matter and amyloid data. <i>Cerebral Cortex</i> , 2022, 32, 3501-3515.	1.6	10
7151	The Perirhinal, Entorhinal, and Parahippocampal Cortices and Hippocampus: An Overview of Functional Anatomy and Protocol for Their Segmentation in MR Images. , 2020, , 355-383.		5
7154	Multimodal Imaging of Cerebral Microhemorrhages and White Matter Degradation in Geriatric Patients with Mild Traumatic Brain Injury. <i>Methods in Molecular Biology</i> , 2020, 2144, 223-236.	0.4	1
7171	Effects of polygenic risk for suicide attempt and risky behavior on brain structure in young people with familial risk of bipolar disorder. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2021, 186, 485-507.	1.1	4
7173	Robust BOLD Responses to Faces But Not to Conditioned Threat: Challenging the Amygdala's Reputation in Human Fear and Extinction Learning. <i>Journal of Neuroscience</i> , 2021, 41, 10278-10292.	1.7	30
7174	Multilobar unilateral hypoplasia with emphasis on the posterior quadrant and severe epilepsy in children with FCD ILAE Type 1A. <i>Epilepsia</i> , 2022, 63, 42-60.	2.6	12
7175	High $\hat{\nu}^3$ Activity in Cortex and Hippocampus Is Correlated with Autonomic Tone during Sleep. <i>ENeuro</i> , 2021, 8, ENEURO.0194-21.2021.	0.9	3
7176	Composition within and between Languages in the Bilingual Mind: MEG Evidence from Korean/English Bilinguals. <i>ENeuro</i> , 2021, 8, ENEURO.0084-21.2021.	0.9	8
7177	Cortical Thickness of Brain Areas Beyond Stroke Lesions and Sensory-Motor Recovery: A Systematic Review. <i>Frontiers in Neuroscience</i> , 2021, 15, 764671.	1.4	5
7180	Brain signaling dynamics after vagus nerve stimulation. <i>NeuroImage</i> , 2021, 245, 118679.	2.1	8
7181	Brain-behavior investigation of potential cognitive markers of Alzheimerâ€™s disease in middle age: a multi-modal imaging study. <i>Brain Imaging and Behavior</i> , 2021, , 1.	1.1	2
7182	Predictive masking of an artificial scotoma is associated with a system-wide reconfiguration of neural populations in the human visual cortex. <i>NeuroImage</i> , 2021, 245, 118690.	2.1	9
7183	Basal ganglia correlates of wellbeing in early adolescence. <i>Brain Research</i> , 2022, 1774, 147710.	1.1	8
7184	Voxelwise Encoding Models Show That Cerebellar Language Representations Are Highly Conceptual. <i>Journal of Neuroscience</i> , 2021, 41, 10341-10355.	1.7	22
7186	The role of negative emotions in sex differences in pain sensitivity. <i>NeuroImage</i> , 2021, 245, 118685.	2.1	18
7196	Topology Correction for Brain Atlas Segmentation. , 0, , 131-135.		1

#	ARTICLE	IF	CITATIONS
7197	A Fast Mesh Deformation Method for Neuroanatomical Surface Inflated Representations. , 2007, , 75-86.		1
7198	Automatic Segmentation of the Cortical Grey and White Matter in MRI Using a Region-Growing Approach Based on Anatomical Knowledge. Informatik Aktuell, 2008, , 437-441.	0.4	3
7200	Inter-individual variations in electric fields induced in the brain by exposure to uniform magnetic fields at 50 Hz. Physics in Medicine and Biology, 2020, 65, 215006.	1.6	4
7218	Context Matters: Situational Stress Impedes Functional Reorganization of Intrinsic Brain Connectivity during Problem-Solving. Cerebral Cortex, 2021, 31, 2111-2124.	1.6	6
7219	The degeneration of upper and lower motor neuron from the perspective of clinical neurological examination and MRI-electromyography manifold detection in amyotrophic lateral sclerosis. NeuroReport, 2021, 32, 23-28.	0.6	0
7231	Deep transfer learning of brain shape morphometry predicts Body Mass Index (BMI) in the UK Biobank. , 2020, , .		0
7232	Comparison Between Conventional SQUID Based and Novel OPM Based Measuring Systems in MEG. IFMBE Proceedings, 2021, , 254-261.	0.2	3
7239	Method for combining information from white matter fiber tracking and gray matter parcellation. American Journal of Neuroradiology, 2004, 25, 1318-24.	1.2	29
7240	Structural neuroimaging in the detection and prognosis of pre-clinical and early AD. Behavioural Neurology, 2009, 21, 3-12.	1.1	24
7249	Head position in the MEG helmet affects the sensitivity to anterior sources. Neurology, Neurophysiology and Neuroscience, 2004, 2004, 30.	0.0	20
7253	Probabilistic atlas-based segmentation of combined T1-weighted and DUTE MRI for calculation of head attenuation maps in integrated PET/MRI scanners. American Journal of Nuclear Medicine and Molecular Imaging, 2014, 4, 160-71.	1.0	23
7254	Structural and connectomic neuroimaging for the personalized study of longitudinal alterations in cortical shape, thickness and connectivity after traumatic brain injury. Journal of Neurosurgical Sciences, 2014, 58, 129-44.	0.3	34
7255	Mediterranean Diet and Magnetic Resonance Imaging-Assessed Brain Atrophy in Cognitively Normal Individuals at Risk for Alzheimer's Disease. journal of prevention of Alzheimer's disease, The, 2014, 1, 23-32.	1.5	80
7258	Neuroimaging-based methods for autism identification: a possible translational application?. Functional Neurology, 2014, 29, 231-9.	1.3	14
7259	Magnetoencephalography in the study of brain dynamics. Functional Neurology, 2014, 29, 241-53.	1.3	15
7261	Pattern Visualization of Human Connectome Data. , 2012, 2012, 78-83.		0
7262	fMRI-Based Inter-Subject Cortical Alignment Using Functional Connectivity. Advances in Neural Information Processing Systems, 2009, 22, 378-386.	2.8	16
7265	Neuroanatomic Variations in Graves' Dysthyroid Ophthalmopathy as Studied With MRI. Transactions of the American Ophthalmological Society, 2016, 114, T9.	1.4	7

#	ARTICLE	IF	CITATIONS
7266	Serial MRI Scan of Posterior Fossa Tumours Predict Patients at Risk of Developing Neurocognitive Impairment. <i>Asian Pacific Journal of Cancer Prevention</i> , 2017, 18, 1729-1735.	0.5	0
7267	Clinical features and brain structural changes in magnetic resonance imaging in Alzheimer's disease patients with apathy. <i>Aging</i> , 2020, 12, 19083-19094.	1.4	1
7268	Surface-based Tracking of U-fibers in the Superficial White Matter. , 2019, 11766, 538-546.		0
7269	Curved-surface projection: an alternative method for visualizing functional MR imaging results. <i>American Journal of Neuroradiology</i> , 2003, 24, 1045-8.	1.2	3
7270	Regional Gray Matter Volume Related to High Occupational Stress in Firefighters. <i>Journal of Korean Medical Science</i> , 2021, 36, e335.	1.1	3
7271	Anterior cingulate cortex in individuals with depressive symptoms: A structural MRI study. <i>Psychiatry Research - Neuroimaging</i> , 2022, 319, 111420.	0.9	4
7272	Reconstruction and topological cleaning of brain MR Images. , 2021, , .		1
7273	Loss and dispersion of superficial white matter in Alzheimer's disease: a diffusion MRI study. <i>Brain Communications</i> , 2021, 3, fcab272.	1.5	18
7274	Altered Structural Covariance of Insula, Cerebellum and Prefrontal Cortex Is Associated with Somatic Symptom Levels in Irritable Bowel Syndrome (IBS). <i>Brain Sciences</i> , 2021, 11, 1580.	1.1	4
7275	Individual variations in "brain age" relate to early-life factors more than to longitudinal brain change. <i>ELife</i> , 2021, 10, .	2.8	71
7276	Altered structural brain networks in linguistic variants of frontotemporal dementia. <i>Brain Imaging and Behavior</i> , 2022, 16, 1113-1122.	1.1	9
7277	Prefrontal abnormalities, executive dysfunction and symptoms severity are modulated by COMT Val158Met polymorphism in first episode psychosis. <i>Revista De Psiquiatria Y Salud Mental</i> , 2021, , .	1.0	3
7278	Functional alterations in cortical processing of speech in glioma-infiltrated cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	26
7280	Self-awareness for financial decision making abilities is linked to right temporal cortical thickness in older adults. <i>Brain Imaging and Behavior</i> , 2022, 16, 1139-1147.	1.1	5
7281	Population receptive fields of human primary visual cortex organised as DC-balanced bandpass filters. <i>Scientific Reports</i> , 2021, 11, 22423.	1.6	2
7282	Brief Postnatal Visual Deprivation Triggers Long-Lasting Interactive Structural and Functional Reorganization of the Human Cortex. <i>Frontiers in Medicine</i> , 2021, 8, 752021.	1.2	4
7283	A translational exploration of the effects of WNT2 variants on altered cortical structures in autism spectrum disorder. <i>Journal of Psychiatry and Neuroscience</i> , 2021, 46, E647-E658.	1.4	3
7285	Altered Brain Structure and Spontaneous Functional Activity in Children With Concomitant Strabismus. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 777762.	1.0	10

#	ARTICLE	IF	CITATIONS
7288	ENIGMA+COINSTAC: Improving Findability, Accessibility, Interoperability, and Re-usability. <i>Neuroinformatics</i> , 2022, 20, 261-275.	1.5	5
7289	Surface-Based Amplitude of Low-Frequency Fluctuation Alterations in Patients With Tinnitus Before and After Sound Therapy: A Resting-State Functional Magnetic Resonance Imaging Study. <i>Frontiers in Neuroscience</i> , 2021, 15, 709482.	1.4	3
7292	Investigation of effect of modulation frequency on high-density diffuse optical tomography image quality. <i>Neurophotonics</i> , 2021, 8, 045002.	1.7	13
7293	Cerebral Structural Abnormalities and Their Associations With Peripheral Cytokine Levels in a Group of Untreated Patients With Nasopharyngeal Carcinoma. <i>Frontiers in Oncology</i> , 2021, 11, 740033.	1.3	2
7294	Amyloid- $\beta$ , p-tau and reactive microglia are pathological correlates of MRI cortical atrophy in Alzheimer's disease. <i>Brain Communications</i> , 2021, 3, fcab281.	1.5	12
7296	Network-wise surface-based morphometric insight into the cortical neural circuitry underlying irritability in adolescents. <i>Translational Psychiatry</i> , 2021, 11, 581.	2.4	2
7297	Multivariate fMRI Signatures of Learning in a Hebb Repetition Paradigm With Tone Sequences. <i>Frontiers in Neurology</i> , 2021, 12, 674275.	1.1	2
7298	Search for schizophrenia and bipolar biotypes using functional network properties. <i>Brain and Behavior</i> , 2021, , e2415.	1.0	3
7299	Resting-state functional heterogeneity of the right insula contributes to pain sensitivity. <i>Scientific Reports</i> , 2021, 11, 22945.	1.6	16
7300	Test-retest reliability of regression dynamic causal modeling. <i>Network Neuroscience</i> , 2022, 6, 135-160.	1.4	7
7304	A strategy to reduce the sensitivity of inhomogeneous magnetization transfer (ihMT) imaging to radiofrequency transmit field variations at 3 T. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 1346-1359.	1.9	6
7305	The diversity and multiplexity of edge communities within and between brain systems. <i>Cell Reports</i> , 2021, 37, 110032.	2.9	25
7307	Sex Differences of Periaqueductal Grey Matter Functional Connectivity in Migraine. <i>Frontiers in Pain Research</i> , 2021, 2, 767162.	0.9	6
7308	BrainFD: Measuring the Intracranial Brain Volume With Fractal Dimension. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 765185.	1.7	6
7309	Free-Living Physical Activity Measured With a Wearable Device Is Associated With Larger Hippocampus Volume and Greater Functional Connectivity in Healthy Older Adults: An Observational, Cross-Sectional Study in Northern Portugal. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 729060.	1.7	5
7310	Anatomically Standardized Detection of MRI Atrophy Patterns in Early-Stage Alzheimer's Disease. <i>Brain Sciences</i> , 2021, 11, 1491.	1.1	5
7311	Mapping cortico-subcortical sensitivity to 4 Hz amplitude modulation depth in human auditory system with functional MRI. <i>NeuroImage</i> , 2021, , 118745.	2.1	0
7312	Isolating the sources of pipeline variability in group-level task fMRI results. <i>Human Brain Mapping</i> , 2022, 43, 1112-1128.	1.9	19

#	ARTICLE	IF	CITATIONS
7313	Psychotic-like experiences associated with sleep disturbance and brain volumes in youth: Findings from the adolescent brain cognitive development study. <i>JCPP Advances</i> , 2021, 1, e12055.	1.4	4
7314	Predicting speech from a cortical hierarchy of event-based time scales. <i>Science Advances</i> , 2021, 7, eabi6070.	4.7	23
7315	Modulation of magnetoencephalography alpha band activity by radiofrequency electromagnetic field depicted in sensor and source space. <i>Scientific Reports</i> , 2021, 11, 23403.	1.6	3
7316	No evidence for changes in GABA concentration, functional connectivity, or working memory following continuous theta burst stimulation over dorsolateral prefrontal cortex. <i>NeuroImage Reports</i> , 2021, 1, 100061.	0.5	0
7317	Relationship between the Somatosensory Cortex Morphology, Cutaneous Allodynia, and Clinical Features of Patients with Migraine. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 11358.	1.3	0
7318	Stress-related hippocampus activation mediates the association between polyvictimization and trait anxiety in adolescents. <i>Social Cognitive and Affective Neuroscience</i> , 2022, 17, 767-776.	1.5	6
7319	Morphometry and functional connectivity of auditory cortex in school-age children with profound language disabilities: Five comparative case studies. <i>Brain and Cognition</i> , 2021, 155, 105822.	0.8	0
7321	Dual feature correlation guided multi-task learning for Alzheimer's disease prediction. <i>Computers in Biology and Medicine</i> , 2022, 140, 105090.	3.9	5
7322	Participant followup rate can bias structural imaging measures in longitudinal studies. <i>NeuroImage Reports</i> , 2021, 1, 100066.	0.5	1
7323	Magneto-stimulation System for Brain Based on Medical Images. , 2022, , 355-359.		0
7324	Contributions of chronic tobacco smoking to HIV-associated brain atrophy and cognitive deficits. <i>Aids</i> , 2022, 36, 513-524.	1.0	4
7325	Spherical Demons Registration of Spherical Surfaces. <i>The Insight Journal</i> , 2010, , .	0.2	0
7326	MEDITERRANEAN DIET AND MAGNETIC RESONANCE IMAGING-ASSESSED BRAIN ATROPHY IN COGNITIVELY NORMAL INDIVIDUALS AT RISK FOR ALZHEIMER'S DISEASE. <i>journal of prevention of Alzheimer's disease</i> , The, 0, , 1-10.	1.5	43
7327	Identification of proprioceptive thalamocortical tracts in children: comparison of fMRI, MEG, and manual seeding of probabilistic tractography. <i>Cerebral Cortex</i> , 2022, 32, 3736-3751.	1.6	2
7328	Potential structural trait markers of depression in the form of alterations in the structures of subcortical nuclei and structural covariance network properties. <i>NeuroImage: Clinical</i> , 2021, 32, 102871.	1.4	10
7329	Task-specific network interactions across key cognitive domains. <i>Cerebral Cortex</i> , 2022, 32, 5050-5071.	1.6	8
7332	Mechanical Affective Touch Therapy for Anxiety Disorders: Effects on Resting State Functional Connectivity. <i>Neuromodulation</i> , 2022, , .	0.4	3
7333	Generalizing deep learning brain segmentation for skull removal and intracranial measurements. <i>Magnetic Resonance Imaging</i> , 2022, 88, 44-52.	1.0	4

#	ARTICLE	IF	CITATIONS
7334	Aging-Related Changes in Cortical Sources of Sleep Oscillatory Neural Activity Following Motor Learning Reflect Contributions of Cortical Thickness and Pre-sleep Functional Activity. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 787654.	1.7	2
7335	Neural Correlates of Traumatic Brain Injury in Women Survivors of Intimate Partner Violence: A Structural and Functional Connectivity Neuroimaging Study. <i>Journal of Head Trauma Rehabilitation</i> , 2022, 37, E30-E38.	1.0	11
7337	Association of blood pressure with brain structure in youth with and without bipolar disorder. <i>Journal of Affective Disorders</i> , 2022, 299, 666-674.	2.0	4
7338	Functional brain network community structure in childhood: Unfinished territories and fuzzy boundaries. <i>NeuroImage</i> , 2022, 247, 118843.	2.1	17
7339	Volume deficits in hippocampal subfields in unaffected relatives of schizophrenia patients with high genetic loading but without any psychiatric symptoms. <i>Schizophrenia Research</i> , 2022, 240, 125-131.	1.1	8
7340	Resting state network connectivity is attenuated by fMRI acoustic noise. <i>NeuroImage</i> , 2022, 247, 118791.	2.1	26
7341	Intelligibility of audiovisual sentences drives multivoxel response patterns in human superior temporal cortex. <i>NeuroImage</i> , 2022, 247, 118796.	2.1	3
7342	Influence of pre-treatment structural brain measures on effects of action-based cognitive remediation on executive function in partially or fully remitted patients with bipolar disorder. <i>European Neuropsychopharmacology</i> , 2022, 56, 50-59.	0.3	5
7343	Cortical thickness abnormalities in patients with bipolar disorder: A systematic review and meta-analysis. <i>Journal of Affective Disorders</i> , 2022, 300, 209-218.	2.0	12
7344	Clinical features and brain structural changes in magnetic resonance imaging in Alzheimer&#x2019;s disease patients with apathy. <i>Aging</i> , 2020, 12, 19083-19094.	1.4	4
7345	Improved cortical source localization of ICA-derived EEG components using a source scalp projection noise model. , 2020, , .		0
7346	The Neural Representation of Room Locations in A Virtual Building. , 2020, , .		0
7347	A canonical visualization tool for SEEG electrodes. , 2021, 2021, 6175-6178.		5
7348	Neurite density imaging in amygdala nuclei reveals interindividual differences in neuroticism. <i>Human Brain Mapping</i> , 2022, 43, 2051-2063.	1.9	3
7349	Brain Surface Area Alterations Correlate With Gait Impairments in Parkinson&#x2019;s Disease. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 806026.	1.7	5
7350	Cortical thickness systematically varies with curvature and depth in healthy human brains. <i>Human Brain Mapping</i> , 2022, 43, 2064-2084.	1.9	15
7351	The effects of epigenetic age and its acceleration on surface area, cortical thickness, and volume in young adults. <i>Cerebral Cortex</i> , 2022, 32, 5654-5663.	1.6	8
7352	Comprehensive diffusion MRI dataset for in vivo human brain microstructure mapping using 300 mT/m gradients. <i>Scientific Data</i> , 2022, 9, 7.	2.4	16



#	ARTICLE	IF	CITATIONS
7353	Distinct spatio-temporal and spectral brain patterns for different thermal stimuli perception. <i>Scientific Reports</i> , 2022, 12, 919.	1.6	4
7354	Neural correlates of sleep quality in children: Sex-specific associations shown by brain diffusion tractography. <i>Journal of Neuroimaging</i> , 2022, , .	1.0	2
7356	Motor planning brings human primary somatosensory cortex into action-specific preparatory states. <i>ELife</i> , 2022, 11, .	2.8	40
7357	BrainQuake: An Open-Source Python Toolbox for the Stereoelectroencephalography Spatiotemporal Analysis. <i>Frontiers in Neuroinformatics</i> , 2021, 15, 773890.	1.3	2
7358	Sleep-Dependent Facilitation of Visual Perceptual Learning Is Consistent with a Learning-Dependent Model. <i>Journal of Neuroscience</i> , 2022, 42, 1777-1790.	1.7	4
7359	Sensorimotor integration within the primary motor cortex by selective nerve fascicle stimulation. <i>Journal of Physiology</i> , 2022, 600, 1497-1514.	1.3	6
7360	Fiber connectivity density mapping in end-stage renal disease patients: a preliminary study. <i>Brain Imaging and Behavior</i> , 2022, 16, 1314-1323.	1.1	2
7361	The Role of Structure MRI in Diagnosing Autism. <i>Diagnostics</i> , 2022, 12, 165.	1.3	14
7362	Spatial and Temporal Context Jointly Modulate the Sensory Response within the Ventral Visual Stream. <i>Journal of Cognitive Neuroscience</i> , 2022, 34, 332-347.	1.1	6
7363	Beta-Amyloid Moderates the Relationship Between Cortical Thickness and Attentional Control in Middle- and Older-Aged Adults. <i>Neurobiology of Aging</i> , 2022, 112, 181-190.	1.5	3
7364	Whole-brain connectivity during encoding: age-related differences and associations with cognitive and brain structural decline. <i>Cerebral Cortex</i> , 2022, 33, 68-82.	1.6	7
7365	Heart rate and heart rate variability in patients with chronic inflammatory joint disease: the role of pain duration and the insular cortex. <i>BMC Musculoskeletal Disorders</i> , 2022, 23, 75.	0.8	1
7366	A speech planning network for interactive language use. <i>Nature</i> , 2022, 602, 117-122.	13.7	42
7368	Effect of head motion-induced artefacts on the reliability of deep learning-based whole-brain segmentation. <i>Scientific Reports</i> , 2022, 12, 1618.	1.6	2
7369	Dataset of human intracranial recordings during famous landmark identification. <i>Scientific Data</i> , 2022, 9, 28.	2.4	2
7371	Adverse childhood experiences predict neurite density differences in young children with and without attention deficit hyperactivity disorder. <i>Developmental Psychobiology</i> , 2022, 64, e22234.	0.9	6
7373	The Impact of Early Life Stress on the Genetic Influence on Brain and Cognitive Development in Children. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
7374	Mapping brain structural differences and neuroreceptor correlates in Parkinson's disease visual hallucinations. <i>Nature Communications</i> , 2022, 13, 519.	5.8	15

#	ARTICLE	IF	CITATIONS
7375	Super-Resolution of 3D Brain MRI With Filter Learning Using Tensor Feature Clustering. IEEE Access, 2022, 10, 4957-4968.	2.6	2
7377	Brain magnetic resonance imaging surface-based analysis and cortical thickness measurement in relapsing remission multiple sclerosis. Egyptian Journal of Radiology and Nuclear Medicine, 2022, 53, .	0.3	4
7379	Automated Brain Volumetry in Patients With Memory Impairment: Comparison of Conventional and Ultrafast 3D T1-weighted MRI Sequences Using Two Software Packages. American Journal of Roentgenology, 2022, , .	1.0	6
7380	Distinct roles for the anterior temporal lobe and angular gyrus in the spatiotemporal cortical semantic network. Cerebral Cortex, 2022, 32, 4549-4564.	1.6	19
7381	Pre- and Posttherapy Risk Factors for Vasculopathy in Pediatric Patients With Craniopharyngioma Treated With Surgery and Proton Radiation Therapy. International Journal of Radiation Oncology Biology Physics, 2022, 113, 152-160.	0.4	6
7383	Structural changes to primary visual cortex in the congenital absence of cone input in achromatopsia. NeuroImage: Clinical, 2022, 33, 102925.	1.4	9
7385	Reduced Theta Sampling in Infants at Risk for Dyslexia across the Sensitive Period of Native Phoneme Learning. International Journal of Environmental Research and Public Health, 2022, 19, 1180.	1.2	2
7386	Longitudinal mapping of cortical surface changes in Huntington's Disease. Brain Imaging and Behavior, 2022, 16, 1381-1391.	1.1	3
7388	APOE $\epsilon$ 4 Allele Moderates the Association Between Basal Forebrain Nuclei Volumes and Allocentric Navigation in Older Adults Without Dementia. Journal of Alzheimer's Disease, 2022, 86, 155-171.	1.2	0
7389	Associations between neonatal hypoglycaemia and brain volumes, cortical thickness and white matter microstructure in mid-childhood: An MRI study. NeuroImage: Clinical, 2022, 33, 102943.	1.4	11
7390	Cortical thickness across the cingulate gyrus in schizophrenia and its association to illness duration and memory performance. European Archives of Psychiatry and Clinical Neuroscience, 2022, 272, 1241-1251.	1.8	3
7392	Volumetric changes within hippocampal subfields in Alzheimer's disease continuum. Neurological Sciences, 2022, , 1.	0.9	1
7393	Investigating Simultaneity for Deep Learning-Enhanced Actual Ultra-Low-Dose Amyloid PET/MR Imaging. American Journal of Neuroradiology, 2022, 43, 354-360.	1.2	1
7394	Multiscale structural mapping of Alzheimer's disease neurodegeneration. NeuroImage: Clinical, 2022, 33, 102948.	1.4	6
7395	Reserve and Maintenance in the Aging Brain: A Longitudinal Study of Healthy Older Adults. ENeuro, 2022, 9, ENEURO.0455-21.2022.	0.9	9
7396	Neural reinstatement reveals divided organization of fear and extinction memories in the human brain. Current Biology, 2022, 32, 304-314.e5.	1.8	16
7399	Relative precision of top-down attentional modulations is lower in early visual cortex compared to mid- and high-level visual areas. Journal of Neurophysiology, 2022, 127, 504-518.	0.9	5
7400	18F-FDG-PET correlates of aging and disease course in ALS as revealed by distinct PVC approaches. European Journal of Radiology Open, 2022, 9, 100394.	0.7	1

#	ARTICLE	IF	CITATIONS
7402	Amateur singing benefits speech perception in aging under certain conditions of practice: behavioural and neurobiological mechanisms. <i>Brain Structure and Function</i> , 2022, 227, 943-962.	1.2	8
7403	Does obesity-associated insulin resistance affect brain structure and function of adolescents differentially by sex?. <i>Psychiatry Research - Neuroimaging</i> , 2022, 319, 111417.	0.9	5
7404	Tai Chi Improves Brain Functional Connectivity and Plasma Lysophosphatidylcholines in Postmenopausal Women With Knee Osteoarthritis: An Exploratory Pilot Study. <i>Frontiers in Medicine</i> , 2021, 8, 775344.	1.2	20
7405	The effect of gadolinium-based contrast-agents on automated brain atrophy measurements by FreeSurfer in patients with multiple sclerosis. <i>European Radiology</i> , 2022, 32, 3576-3587.	2.3	4
7407	Sensitivity of a 29-Channel MEG Source Montage. <i>Brain Sciences</i> , 2022, 12, 105.	1.1	1
7408	Sex-specific alterations of cortical morphometry in treatment-naïve patients with major depressive disorder. <i>Neuropsychopharmacology</i> , 2022, 47, 2002-2009.	2.8	10
7409	Associations between Cortical Thickness and Metamemory in Alzheimer's Disease. <i>Brain Imaging and Behavior</i> , 2022, , 1.	1.1	2
7410	Sex Differences in Brain and Cognition in de novo Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 791532.	1.7	19
7411	Neural correlates of local parallelism during naturalistic vision. <i>PLoS ONE</i> , 2022, 17, e0260266.	1.1	2
7412	Substance-Specific and Shared Gray Matter Signatures in Alcohol, Opioid, and Polysubstance Use Disorder. <i>Frontiers in Psychiatry</i> , 2021, 12, 795299.	1.3	4
7413	Neuroanatomical Correlates of Perceived Stress Controllability in Adolescents and Emerging Adults. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2022, 22, 655-671.	1.0	4
7414	A Comparison of Three Brain Atlases for Temporal Lobe Epilepsy Prediction. <i>Journal of Medical and Biological Engineering</i> , 2022, 42, 11-20.	1.0	2
7415	Surface-Based Functional Metrics and Auditory Cortex Characteristics in Chronic Tinnitus. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
7417	Brain pathology and cognitive scores prior to onset of late-life depression. <i>International Journal of Geriatric Psychiatry</i> , 2022, 37, .	1.3	7
7419	Late responses in the anterior insula reflect the cognitive component of pain: evidence of nonpain processing. <i>Pain Reports</i> , 2022, 7, e984.	1.4	1
7420	Charting brain growth and aging at high spatial precision. <i>ELife</i> , 2022, 11, .	2.8	61
7422	Predicting Treatment Response in Schizophrenia With Magnetic Resonance Imaging and Polygenic Risk Score. <i>Frontiers in Genetics</i> , 2022, 13, 848205.	1.1	4
7423	Anatomical variability, multi-modal coordinate systems, and precision targeting in the marmoset brain. <i>NeuroImage</i> , 2022, 250, 118965.	2.1	10

#	ARTICLE	IF	CITATIONS
7424	Representation of color, form, and their conjunction across the human ventral visual pathway. <i>NeuroImage</i> , 2022, 251, 118941.	2.1	17
7426	Measuring variability of local brain volume using improved volume preserved warping. <i>Computerized Medical Imaging and Graphics</i> , 2022, 96, 102039.	3.5	0
7427	The associations between area-level residential instability and gray matter volumes from the North American Prodrome Longitudinal Study (NAPLS) consortium. <i>Schizophrenia Research</i> , 2022, 241, 1-9.	1.1	8
7428	Selective vulnerability of medial temporal regions to short-term blood pressure variability and cerebral hypoperfusion in older adults. <i>NeuroImage Reports</i> , 2022, 2, 100080.	0.5	7
7429	Impact of prenatal alcohol exposure on intracortical myelination and deep white matter in children with attention deficit hyperactivity disorder. <i>NeuroImage Reports</i> , 2022, 2, 100082.	0.5	2
7430	ASMCNN: An efficient brain extraction using active shape model and convolutional neural networks. <i>Information Sciences</i> , 2022, 591, 25-48.	4.0	10
7431	Submillimeter fMRI reveals an extensive, fine-grained and functionally-relevant scene-processing network in monkeys. <i>Progress in Neurobiology</i> , 2022, 211, 102230.	2.8	13
7432	Automatic framework for patient-specific modelling of tumour resection-induced brain shift. <i>Computers in Biology and Medicine</i> , 2022, 143, 105271.	3.9	4
7433	Locus coeruleus integrity is related to tau burden and memory loss in autosomal-dominant Alzheimer's disease. <i>Neurobiology of Aging</i> , 2022, 112, 39-54.	1.5	49
7434	Ironsmith: An automated pipeline for QSM-based data analyses. <i>NeuroImage</i> , 2022, 249, 118835.	2.1	8
7435	A large-scale investigation of white matter microstructural associations with reading ability. <i>NeuroImage</i> , 2022, 249, 118909.	2.1	13
7436	Altered cortical structure network in children with obstructive sleep apnea. <i>Sleep</i> , 2022, 45, .	0.6	8
7437	Dialectical Thinking Is Linked With Smaller Left Nucleus Accumbens and Right Amygdala. <i>Frontiers in Psychology</i> , 2022, 13, 760489.	1.1	0
7438	<i>APOE</i> genotype, hippocampus, and cognitive markers of Alzheimer's disease in American Indians: Data from the Strong Heart Study. <i>Alzheimer's and Dementia</i> , 2022, 18, 2518-2526.	0.4	19
7440	Hyperconnected Openings Codified in a Max Tree Structure: An Application for Skull-Stripping in Brain MRI T1. <i>Sensors</i> , 2022, 22, 1378.	2.1	6
7442	Magnetoencephalography detects phase-amplitude coupling in Parkinson's disease. <i>Scientific Reports</i> , 2022, 12, 1835.	1.6	3
7443	Multimodal MRI reveals alterations of the anterior insula and posterior cingulate cortex in bipolar II disorders: A surface-based approach. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2022, 116, 110533.	2.5	6
7444	Temporal dynamics of the neural representation of hue and luminance polarity. <i>Nature Communications</i> , 2022, 13, 661.	5.8	8

#	ARTICLE	IF	CITATIONS
7445	Cortical Thickness and Clinical Findings in Preschool Children With Autism Spectrum Disorder. <i>Frontiers in Neuroscience</i> , 2021, 15, 776860.	1.4	2
7446	White matter microstructures in Parkinson's disease with and without impulse control behaviors. <i>Annals of Clinical and Translational Neurology</i> , 2022, , .	1.7	6
7447	Relationship between Anterior Pituitary Volume and IGF-1 Serum Levels in Soldiers with Mild Traumatic Brain Injury History. <i>Medicine and Science in Sports and Exercise</i> , 2022, 54, 1364-1370.	0.2	2
7450	Brain structural and functional correlates to defense-related inhibition of muscle sympathetic nerve activity in man. <i>Scientific Reports</i> , 2022, 12, 1990.	1.6	4
7451	The spike-and-slab elastic net as a classification tool in Alzheimer's disease. <i>PLoS ONE</i> , 2022, 17, e0262367.	1.1	4
7452	Discovery of genomic loci of the human cerebral cortex using genetically informed brain atlases. <i>Science</i> , 2022, 375, 522-528.	6.0	31
7453	Periodic/Aperiodic parameterization of transient oscillations (PAPTO) – Implications for healthy ageing. <i>NeuroImage</i> , 2022, 251, 118974.	2.1	25
7455	General cognitive ability and pericortical contrast. <i>Intelligence</i> , 2022, 91, 101633.	1.6	0
7457	Topology-preserving scan-based immersed isogeometric analysis. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2022, 392, 114648.	3.4	10
7458	Dynamic variations of resting-state BOLD signal spectra in white matter. <i>NeuroImage</i> , 2022, 250, 118972.	2.1	4
7460	BDNF rs6265 single-nucleotide polymorphism is involved in levodopa-induced dyskinesia in Parkinson's disease via its regulation of the cortical thickness of the left postcentral gyrus. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, .	1.1	0
7461	Advantages of Using Both Voxel- and Surface-based Morphometry in Cortical Morphology Analysis: A Review of Various Applications. <i>Magnetic Resonance in Medical Sciences</i> , 2022, 21, 41-57.	1.1	31
7462	Network controllability mediates the relationship between rigid structure and flexible dynamics. <i>Network Neuroscience</i> , 2022, 6, 275-297.	1.4	9
7463	Outlier-Based Autism Detection Using Longitudinal Structural MRI. <i>IEEE Access</i> , 2022, 10, 27794-27808.	2.6	8
7464	Cortical atrophy and amyloid and tau deposition in Down syndrome: A longitudinal study. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2022, 14, e12288.	1.2	2
7465	Two distinct networks containing position-tolerant representations of actions in the human brain. <i>Cerebral Cortex</i> , 2023, 33, 1462-1475.	1.6	3
7466	Revealing Whole-Brain Causality Networks During Guided Visual Searching. <i>Frontiers in Neuroscience</i> , 2022, 16, 826083.	1.4	0
7467	Cortical signatures of auditory object binding in children with autism spectrum disorder are anomalous in concordance with behavior and diagnosis. <i>PLoS Biology</i> , 2022, 20, e3001541.	2.6	4

#	ARTICLE	IF	CITATIONS
7468	Longitudinal Gray Matter Development Associated With Psychotic Experiences in Young People. <i>Biological Psychiatry Global Open Science</i> , 2023, 3, 264-273.	1.0	2
7469	A Quantitative Imaging Biomarker Supporting Radiological Assessment of Hippocampal Sclerosis Derived From Deep Learning-Based Segmentation of T1w-MRI. <i>Frontiers in Neurology</i> , 2022, 13, 812432.	1.1	5
7471	Incomplete Hippocampal Inversion: A Neurodevelopmental Mechanism for Hippocampal Shape Deformation in Schizophrenia. <i>Biological Psychiatry</i> , 2022, 92, 314-322.	0.7	2
7472	Interaction of childhood abuse and depressive symptoms on cortical thickness: a general population study. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2022, 272, 1523-1534.	1.8	2
7473	Cortical Thickness Predicts Response Following 2 Weeks of SSRI Regimen in First-Episode, Drug-Naive Major Depressive Disorder: An MRI Study. <i>Frontiers in Psychiatry</i> , 2021, 12, 751756.	1.3	7
7474	Amygdala and subregion volumes are associated with photoperiod and seasonal depressive symptoms: A cross-sectional study in the UK Biobank cohort. <i>European Journal of Neuroscience</i> , 2022, 55, 1388-1404.	1.2	5
7475	Safety and target engagement of an oral small-molecule sequestrant in adolescents with autism spectrum disorder: an open-label phase 1b/2a trial. <i>Nature Medicine</i> , 2022, 28, 528-534.	15.2	45
7476	Large Phenotypic Variation of Individuals from a Family with a Novel ASPM Mutation Associated with Microcephaly, Epilepsy, and Behavioral and Cognitive Deficits. <i>Genes</i> , 2022, 13, 429.	1.0	1
7477	Machine learning classification of schizophrenia patients and healthy controls using diverse neuroanatomical markers and Ensemble methods. <i>Scientific Reports</i> , 2022, 12, 2755.	1.6	11
7478	Brain Structure and Optimism Bias: A Voxel-Based Morphometry Approach. <i>Brain Sciences</i> , 2022, 12, 315.	1.1	2
7479	Intracranial Electrode Location and Analysis in MNE-Python. <i>Journal of Open Source Software</i> , 2022, 7, 3897.	2.0	10
7480	The Relationship Between Default Mode and Dorsal Attention Networks Is Associated With Depressive Disorder Diagnosis and the Strength of Memory Representations Acquired Prior to the Resting State Scan. <i>Frontiers in Human Neuroscience</i> , 2022, 16, 749767.	1.0	2
7481	Neural correlates of affective empathy in aging: A multimodal imaging and multivariate approach. <i>Aging, Neuropsychology, and Cognition</i> , 2022, 29, 577-598.	0.7	2
7482	Brain Atrophy and Clinical Characterization of Adults With Mild Cognitive Impairment and Different Cerebrospinal Fluid Biomarker Profiles According to the AT(N) Research Framework of Alzheimer's Disease. <i>Frontiers in Human Neuroscience</i> , 2022, 16, 799347.	1.0	4
7483	Cerebral Microbleeds, Cerebral Amyloid Angiopathy, and Their Relationships to Quantitative Markers of Neurodegeneration. <i>Neurology</i> , 2022, 98, .	1.5	12
7484	Multimodal investigation of the association between shift work and the brain in a population-based sample of older adults. <i>Scientific Reports</i> , 2022, 12, 2969.	1.6	3
7485	School Climate, Cortical Structure, and Socioemotional Functioning: Associations across Family Income Levels. <i>Journal of Cognitive Neuroscience</i> , 2022, 34, 1842-1865.	1.1	4
7486	FreeSurfer and 3D Slicer-Assisted SEEG Implantation for Drug-Resistant Epilepsy. <i>Frontiers in Neuroinformatics</i> , 2022, 16, 848746.	1.6	3

#	ARTICLE	IF	CITATIONS
7487	Association between amyloid-beta deposition and cortical thickness in dementia with Lewy bodies. Australian and New Zealand Journal of Psychiatry, 2023, 57, 594-602.	1.3	2
7488	Association of Plasma Oligomerized Amyloid- $\beta$ 2 and Cerebral White Matter Lesions in a Health Screening Population. Journal of Alzheimer's Disease, 2022, 85, 1835-1844.	1.2	1
7490	Infant Formula Supplemented With Milk Fat Globule Membrane, Long-Chain Polyunsaturated Fatty Acids, and Synbiotics Is Associated With Neurocognitive Function and Brain Structure of Healthy Children Aged 6 Years: The COGNIS Study. Frontiers in Nutrition, 2022, 9, 820224.	1.6	11
7491	Beyond body maps: Information content of specific body parts is distributed across the somatosensory homunculus. Cell Reports, 2022, 38, 110523.	2.9	25
7493	Working Memory Swap Errors Have Identifiable Neural Representations. Journal of Cognitive Neuroscience, 2022, 34, 776-786.	1.1	3
7494	The impact of levamisole and alcohol on white matter microstructure in adult chronic cocaine users. Addiction Biology, 2022, 27, e13149.	1.4	8
7495	Three-Dimensional Digital Reconstruction of the Cerebellar Cortex: Lobule Thickness, Surface Area Measurements, and Layer Architecture. Cerebellum, 2023, 22, 249-260.	1.4	9
7496	The Mexican magnetic resonance imaging dataset of patients with cocaine use disorder: SUDMEX CONN. Scientific Data, 2022, 9, 133.	2.4	12
7497	Mapping spatial frequency preferences across human primary visual cortex. Journal of Vision, 2022, 22, 3.	0.1	8
7498	Gray-Matter Morphometry of Internalizing-Symptom Dimensions During Adolescence. Clinical Psychological Science, 0, , 216770262110710.	2.4	2
7499	Hemispheric Cortical, Cerebellar and Caudate Atrophy Associated to Cognitive Impairment in Metropolitan Mexico City Young Adults Exposed to Fine Particulate Matter Air Pollution. Toxics, 2022, 10, 156.	1.6	11
7501	Minimal Phrase Composition Revealed by Intracranial Recordings. Journal of Neuroscience, 2022, 42, 3216-3227.	1.7	29
7502	Improving Imaging of the Brainstem and Cerebellum in Autistic Children: Transformation-Based High-Resolution Diffusion MRI (TiDi-Fused) in the Human Brainstem. Frontiers in Integrative Neuroscience, 2022, 16, 804743.	1.0	4
7503	Posttraumatic Stress Symptoms After Stroke: The Effects of Anatomy and Coping Style. Stroke, 2022, 53, 1924-1933.	1.0	7
7504	Reproducible brain-wide association studies require thousands of individuals. Nature, 2022, 603, 654-660.	13.7	842
7507	Fast cortical surface reconstruction from MRI using deep learning. Brain Informatics, 2022, 9, 6.	1.8	3
7508	Inferring excitation-inhibition dynamics using a maximum entropy model unifying brain structure and function. Network Neuroscience, 2022, 6, 420-444.	1.4	8
7509	Perceptual coupling and decoupling of the default mode network during mind-wandering and reading. ELife, 2022, 11, .	2.8	20

#	ARTICLE	IF	CITATIONS
7510	Neuroanatomical Correlates of Mild-to-Moderate Depression: Memory Ability Mediates the Association Between Gray Matter Volume and Antidepressant Treatment Outcome. <i>Frontiers in Neuroscience</i> , 2022, 16, 872228.	1.4	0
7511	Cross-Frequency Brain Network Dynamics Support Pitch Change Detection. <i>Journal of Neuroscience</i> , 2022, 42, 3823-3835.	1.7	3
7513	Good scientific practice in EEG and MEG research: Progress and perspectives. <i>NeuroImage</i> , 2022, 257, 119056.	2.1	15
7514	Radiomics-Based Artificial Intelligence Differentiation of Neurodegenerative Diseases with Reference to the Volumetry. <i>Life</i> , 2022, 12, 514.	1.1	6
7515	Reduced cortical volume of the default mode network in adolescents with generalized anxiety disorder. <i>Depression and Anxiety</i> , 2022, 39, 485-495.	2.0	8
7516	Cortical Short-Range Fiber Connectivity and Its Association With Deep Brain White Matter Hyperintensities in Older Diabetic People With Low Serum Vitamin B12. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 754997.	1.7	0
7517	Hyperdirect connectivity of opercular speech network to the subthalamic nucleus. <i>Cell Reports</i> , 2022, 38, 110477.	2.9	16
7518	Midsagittal corpus callosal thickness and cognitive impairment in Parkinson's disease. <i>European Journal of Neuroscience</i> , 2022, 55, 1859-1872.	1.2	5
7519	Longitudinal Allometry of Sulcal Morphology in Health and Schizophrenia. <i>Journal of Neuroscience</i> , 2022, 42, 3704-3715.	1.7	1
7520	The human primary visual cortex (V1) encodes the perceived position of static but not moving objects. <i>Communications Biology</i> , 2022, 5, 181.	2.0	7
7521	Towards an efficient validation of dynamical whole-brain models. <i>Scientific Reports</i> , 2022, 12, 4331.	1.6	5
7522	Video-evoked fMRI BOLD responses are highly consistent across different data acquisition sites. <i>Human Brain Mapping</i> , 2022, 43, 2972-2991.	1.9	3
7527	Functional and structural brain network correlates of visual hallucinations in Lewy body dementia. <i>Brain</i> , 2022, 145, 2190-2205.	3.7	14
7528	Correlation of plasma and neuroimaging biomarkers in Alzheimer's disease. <i>Annals of Clinical and Translational Neurology</i> , 2022, 9, 756-761.	1.7	12
7529	Prefrontal cortical thickness, emotion regulation strategy use and COVID-19 mental health. <i>Social Cognitive and Affective Neuroscience</i> , 2022, 17, 877-889.	1.5	6
7530	Differential effects of white matter hyperintensities and regional amyloid deposition on regional cortical thickness. <i>Neurobiology of Aging</i> , 2022, 115, 12-19.	1.5	5
7532	Cerebellar Grey Matter Volumes in Reactive Aggression and Impulsivity in Healthy Volunteers. <i>Cerebellum</i> , 2023, 22, 223-233.	1.4	8
7533	No evidence for motor-recovery-related cortical connectivity changes after stroke using resting-state fMRI. <i>Journal of Neurophysiology</i> , 2022, 127, 637-650.	0.9	5



#	ARTICLE	IF	CITATIONS
7534	Brain Responses to a Self-Compassion Induction in Trauma Survivors With and Without Post-traumatic Stress Disorder. <i>Frontiers in Psychology</i> , 2022, 13, 765602.	1.1	1
7536	Voluntary control of semantic neural representations by imagery with conflicting visual stimulation. <i>Communications Biology</i> , 2022, 5, 214.	2.0	3
7538	Cortical complexity estimation using fractal dimension: A systematic review of the literature on clinical and nonclinical samples. <i>European Journal of Neuroscience</i> , 2022, 55, 1547-1583.	1.2	12
7539	Waning locus coeruleus integrity precedes cortical tau accrual in preclinical autosomal dominant Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2023, 19, 169-180.	0.4	11
7540	Neural spatio-temporal patterns of information processing related to cognitive conflict and correct or false recognitions. <i>Scientific Reports</i> , 2022, 12, 5271.	1.6	2
7541	The Dual Mechanisms of Cognitive Control dataset, a theoretically-guided within-subject task fMRI battery. <i>Scientific Data</i> , 2022, 9, 114.	2.4	5
7542	Daily-Life Physical Activity of Healthy Young Adults Associates With Function and Structure of the Hippocampus. <i>Frontiers in Human Neuroscience</i> , 2022, 16, 790359.	1.0	4
7543	The Effect of Inter-pulse Interval on TMS Motor Evoked Potentials in Active Muscles. <i>Frontiers in Human Neuroscience</i> , 2022, 16, 845476.	1.0	4
7544	Neural Behavioral Relation in Phonetic Discrimination Modulated by Language Background. <i>Brain Sciences</i> , 2022, 12, 461.	1.1	2
7545	Higher white matter hyperintensity load adversely affects pre-post proximal cognitive training performance in healthy older adults. <i>GeroScience</i> , 2022, 44, 1441-1455.	2.1	7
7547	Brain Tumor Segmentation Based on Minimum Spanning Tree. <i>Frontiers in Signal Processing</i> , 2022, 2, .	1.2	2
7548	Low Subicular Volume as an Indicator of Dementia-Risk Susceptibility in Old Age. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 811146.	1.7	5
7549	Topological Alteration Is Associated with Non-dependent Alcohol Use in Bipolar Disorder. <i>Brain Connectivity</i> , 2022, , .	0.8	1
7550	Functional parcellation of the hippocampus based on its layer-specific connectivity with default mode and dorsal attention networks. <i>NeuroImage</i> , 2022, 254, 119078.	2.1	5
7553	Brain Volumes and Abnormalities in Adults Born Preterm at Very Low Birth Weight. <i>Journal of Pediatrics</i> , 2022, 246, 48-55.e7.	0.9	4
7554	On the intersection between data quality and dynamical modelling of large-scale fMRI signals. <i>NeuroImage</i> , 2022, 256, 119051.	2.1	11
7555	Musicianship-Related Structural and Functional Cortical Features Are Preserved in Elderly Musicians. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 807971.	1.7	7
7556	Lower glutamate and GABA levels in auditory cortex of tinnitus patients: a 2D-JPRESS MR spectroscopy study. <i>Scientific Reports</i> , 2022, 12, 4068.	1.6	8

#	ARTICLE	IF	CITATIONS
7557	Simultaneous relaxometry and morphometry of human brain structures with 3D magnetic resonance fingerprinting: a multicenter, multiplatform, multifield-strength study. <i>Cerebral Cortex</i> , 2023, 33, 729-739.	1.6	4
7558	Processing of visual and non-visual naturalistic spatial information in the "parahippocampal place area". <i>Scientific Data</i> , 2022, 9, 147.	2.4	7
7559	Morphological patterns and spatial probability maps of the superior parietal sulcus in the human brain. <i>Cerebral Cortex</i> , 2023, 33, 1230-1245.	1.6	6
7560	Episodic Memory Performance Modifies the Strength of the Age-Brain Structure Relationship. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 4364.	1.2	2
7561	Do aggregate, multimodal structural neuroimaging measures replicate regional developmental differences observed in highly cited cellular histological studies?. <i>Developmental Cognitive Neuroscience</i> , 2022, 54, 101086.	1.9	0
7564	Disrupted local beta band networks in schizophrenia revealed through graph analysis: A magnetoencephalography study. <i>Psychiatry and Clinical Neurosciences</i> , 2022, 76, 309-320.	1.0	8
7565	Cortical Volume in the Right Cingulate Cortex Mediates the Increase of Self-Control From Young Adult to Middle-Aged. <i>Frontiers in Behavioral Neuroscience</i> , 2022, 16, 723786.	1.0	2
7566	Moving in on human motor cortex. Characterizing the relationship between body parts with non-rigid population response fields. <i>PLoS Computational Biology</i> , 2022, 18, e1009955.	1.5	8
7567	Quantitative Water Permeability Mapping of Blood-Brain-Barrier Dysfunction in Aging. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 867452.	1.7	14
7568	A Hybrid Method for 3D Reconstruction of MR Images. <i>Journal of Imaging</i> , 2022, 8, 103.	1.7	5
7569	Cortical myelination in toddlers and preschoolers with autism spectrum disorder. <i>Developmental Neurobiology</i> , 2022, 82, 261-274.	1.5	10
7570	The thickness of the ventral medial prefrontal cortex predicts the prior-entry effect for allocentric representation in near space. <i>Scientific Reports</i> , 2022, 12, 5704.	1.6	0
7571	Longitudinal associations between social media use, mental well-being and structural brain development across adolescence. <i>Developmental Cognitive Neuroscience</i> , 2022, 54, 101088.	1.9	7
7572	Track-weighted imaging analysis of white matter microstructures in healthy children: Sex and hemispheric differences. , 2022, , .		0
7573	Interictal epileptiform discharges in focal epilepsy are preceded by increase in low-frequency oscillations. <i>Clinical Neurophysiology</i> , 2022, 136, 191-205.	0.7	7
7574	Association of cognitive impairment and reduced cortical thickness in prefrontal cortex and anterior cingulate cortex with treatment-resistant depression. <i>Brain Imaging and Behavior</i> , 2022, 16, 1854-1862.	1.1	4
7575	Cortical Source Analysis of Event-Related Potentials: A Developmental Approach. <i>Developmental Cognitive Neuroscience</i> , 2022, 54, 101092.	1.9	10
7576	An Increased Aspartate to Alanine Aminotransferase Ratio Is Associated With a Higher Risk of Cognitive Impairment. <i>Frontiers in Medicine</i> , 2022, 9, 780174.	1.2	10

#	ARTICLE	IF	CITATIONS
7577	Multi-task multi-level feature adversarial network for joint Alzheimer's disease diagnosis and atrophy localization using sMRI. <i>Physics in Medicine and Biology</i> , 2022, 67, 085002.	1.6	7
7578	Auditory driven gamma synchrony is associated with cortical thickness in widespread cortical areas. <i>NeuroImage</i> , 2022, 255, 119175.	2.1	13
7581	Equalization of Brain State Occupancy Accompanies Cognitive Impairment in Cerebral Small Vessel Disease. <i>Biological Psychiatry</i> , 2022, 92, 592-602.	0.7	7
7582	Individualized event structure drives individual differences in whole-brain functional connectivity. <i>NeuroImage</i> , 2022, 252, 118993.	2.1	46
7583	Patterns of a structural covariance network associated with dispositional optimism during late adolescence. <i>NeuroImage</i> , 2022, 251, 119009.	2.1	22
7584	The role of ventral stream areas for viewpoint-invariant object recognition. <i>NeuroImage</i> , 2022, 251, 119021.	2.1	0
7585	Larger striatal volume is associated with increased adult psychopathy. <i>Journal of Psychiatric Research</i> , 2022, 149, 185-193.	1.5	1
7586	MEG cortical microstates: Spatiotemporal characteristics, dynamic functional connectivity and stimulus-evoked responses. <i>NeuroImage</i> , 2022, 251, 119006.	2.1	17
7587	Environmental noise, brain structure, and language development in children. <i>Brain and Language</i> , 2022, 229, 105112.	0.8	4
7588	FLUX: A pipeline for MEG analysis. <i>NeuroImage</i> , 2022, 253, 119047.	2.1	12
7589	Test-retest reliability of FreeSurfer-derived volume, area and cortical thickness from MPRAGE and MP2RAGE brain MRI images. <i>NeuroImage Reports</i> , 2022, 2, 100086.	0.5	12
7590	Functional connectivity patterns of trait empathy are associated with age. <i>Brain and Cognition</i> , 2022, 159, 105859.	0.8	3
7591	SDnDTI: Self-supervised deep learning-based denoising for diffusion tensor MRI. <i>NeuroImage</i> , 2022, 253, 119033.	2.1	31
7592	The association between inadequate sleep and accelerated brain ageing. <i>Neurobiology of Aging</i> , 2022, 114, 1-14.	1.5	13
7593	Effective connectivity between resting-state networks in depression. <i>Journal of Affective Disorders</i> , 2022, 307, 79-86.	2.0	3
7594	Associations between cognitive impairment and cortical thickness alterations in patients with euthymic and depressive bipolar disorder. <i>Psychiatry Research - Neuroimaging</i> , 2022, 322, 111462.	0.9	0
7595	Higher-order multi-shell diffusion measures complement tensor metrics and volume in gray matter when predicting age and cognition. <i>NeuroImage</i> , 2022, 253, 119063.	2.1	9
7596	Sharing individualised template MRI data for MEG source reconstruction: A solution for open data while keeping subject confidentiality. <i>NeuroImage</i> , 2022, 254, 119165.	2.1	11

#	ARTICLE	IF	CITATIONS
7597	A framework For brain atlases: Lessons from seizure dynamics. <i>NeuroImage</i> , 2022, 254, 118986.	2.1	20
7598	Dynamic Data Mining for Multidimensional Data Based On Machine Learning Algorithms. , 2021, , .		1
7599	Patient-specific modeling of the volume of tissue activated (VTA) is associated with clinical outcome of DBS in patients with an obsessive-compulsive disorder. , 2021, 2021, 5889-5892.		5
7600	Longitudinal Chinese Population Structural Fetal Brain Atlases Construction: toward precise fetal brain segmentation. , 2021, 2021, 2745-2749.		0
7601	Electric Field Comparison for TMS Using Different Neuroimaging Segmentation Methods. , 2021, 2021, 6565-6568.		1
7602	Continuously Decoding Grasping Movements using Stereotactic Depth Electrodes. , 2021, 2021, 6098-6101.		3
7603	Association of intraoperative end-tidal carbon dioxide level with ablation volume during magnetic resonanceâ€“guided laser interstitial thermal therapy for mesial temporal lobe epilepsy. <i>Journal of Neurosurgery</i> , 2022, 137, 427-433.	0.9	3
7606	Surface-Based Spontaneous Oscillation in Schizophrenia: A Resting-State Functional Magnetic Resonance Imaging Study. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 750879.	1.0	2
7607	A radiogenomics application for prognostic profiling of endometrial cancer. <i>Communications Biology</i> , 2021, 4, 1363.	2.0	14
7609	P.0278 Structural brain abnormalities associated with cognitive impairments in bipolar disorder. <i>European Neuropsychopharmacology</i> , 2021, 53, S201.	0.3	0
7611	Effects of unhealthy alcohol use on brain morphometry and neurocognitive function among people with HIV. <i>Journal of NeuroVirology</i> , 2022, 28, 35-45.	1.0	2
7612	Alzheimerâ€™s Disease Detection using Machine Learning: A Review. , 2021, , .		3
7613	Age-Related Trajectories of Brain Structureâ€“Function Coupling in Female Roller Derby Athletes. <i>Brain Sciences</i> , 2022, 12, 22.	1.1	0
7614	Increased structural covariance in brain regions for number processing and memory in children with developmental dyscalculia. <i>Journal of Neuroscience Research</i> , 2022, 100, 522-536.	1.3	6
7616	Spatial probability maps of the segments of the postcentral sulcus in the human brain. <i>Cerebral Cortex</i> , 2022, 32, 3651-3668.	1.6	3
7617	Biased Orientation and Color Tuning of the Human Visual Gamma Rhythm. <i>Journal of Neuroscience</i> , 2022, 42, 1054-1067.	1.7	3
7621	Associations between MRI-assessed locus coeruleus integrity and cortical gray matter microstructure. <i>Cerebral Cortex</i> , 2022, 32, 4191-4203.	1.6	9
7622	Body mass index but not genetic risk is longitudinally associated with altered structural brain parameters. <i>Scientific Reports</i> , 2021, 11, 24246.	1.6	6

#	ARTICLE	IF	CITATIONS
7625	Neurocomputational mechanisms underlying the subjective value of information. <i>Communications Biology</i> , 2021, 4, 1346.	2.0	6
7626	The roles of executive functioning, simple attention, and medial temporal lobes in early learning, late learning, and delayed recall. <i>Aging, Neuropsychology, and Cognition</i> , 2022, 29, 400-417.	0.7	6
7627	Gyral hinges account for the highest cost and the highest communication capacity in a corticocortical network. <i>Cerebral Cortex</i> , 2022, 32, 3359-3376.	1.6	6
7630	Cascade process mediated by left hippocampus and left superior frontal gyrus affects relationship between aging and cognitive dysfunction. <i>BMC Neuroscience</i> , 2021, 22, 75.	0.8	4
7631	High-gamma mirror activity patterns in the human brain during reach-to-grasp movement observation, retention, and execution—An MEG study. <i>PLoS ONE</i> , 2021, 16, e0260304.	1.1	3
7633	Using diffusion MRI data acquired with ultra-high gradient strength to improve tractography in routine-quality data. <i>NeuroImage</i> , 2021, 245, 118706.	2.1	26
7634	Decoding fear of negative evaluation from brain morphology: A machine learning study on structural neuroimaging data. <i>Quantitative Biology</i> , 2022, 10, 390-402.	0.3	0
7635	Hippocampal Subfield Volumes Predict Disengagement from Maintenance Treatment in First Episode Schizophrenia. <i>Schizophrenia Bulletin</i> , 2023, 49, 34-42.	2.3	4
7636	Functional connectivity and neurotransmitter impairments of the salience brain network in chronic low back pain patients: a combined resting-state functional magnetic resonance imaging and 1H-MRS study. <i>Pain</i> , 2022, 163, 2337-2347.	2.0	8
7638	Increased global integration in the brain after psilocybin therapy for depression. <i>Nature Medicine</i> , 2022, 28, 844-851.	15.2	175
7640	Brain networks are decoupled from external stimuli during internal cognition. <i>NeuroImage</i> , 2022, 256, 119230.	2.1	9
7641	Psychological resilience and neurodegenerative risk: A connectomics transcriptomics investigation in healthy adolescent and middle-aged females. <i>NeuroImage</i> , 2022, 255, 119209.	2.1	3
7643	Novel User-Friendly Application for MRI Segmentation of Brain Resection following Epilepsy Surgery. <i>Diagnostics</i> , 2022, 12, 1017.	1.3	5
7644	A Finite Element Model of Cerebral Vascular Injury for Predicting Microbleeds Location. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 860112.	2.0	7
7645	Exploring Biomarkers for Huntington's Disease. , 0, , .		0
7646	Brain Networks Involved in Depression in Patients with Frontotemporal Dementia and Parkinson's Disease: An Exploratory Resting-State Functional Connectivity MRI Study. <i>Diagnostics</i> , 2022, 12, 959.	1.3	3
7647	Structural neuroimaging measures and lifetime depression across levels of phenotyping in UK biobank. <i>Translational Psychiatry</i> , 2022, 12, 157.	2.4	7
7648	Diminished frontal pole size and functional connectivity in young adults with high suicidality. <i>Journal of Affective Disorders</i> , 2022, 310, 484-492.	2.0	8

#	ARTICLE	IF	CITATIONS
7649	The Listening Zone of Human Electrocorticographic Field Potential Recordings. <i>ENeuro</i> , 2022, 9, ENEURO.0492-21.2022.	0.9	14
7650	Differences in electric field strength between clinical and non-clinical populations induced by prefrontal tDCS: A cross-diagnostic, individual MRI-based modeling study. <i>NeuroImage: Clinical</i> , 2022, 34, 103011.	1.4	13
7652	Development of the Mentalizing Network Structures and Theory of Mind in Extremely Preterm Youth. <i>Social Cognitive and Affective Neuroscience</i> , 2022, , .	1.5	3
7653	Neural excursions from manifold structure explain patterns of learning during human sensorimotor adaptation. <i>ELife</i> , 2022, 11, .	2.8	11
7654	Neuroimaging gradient alterations and epileptogenic prediction in focal cortical dysplasia IIIa. <i>Journal of Neural Engineering</i> , 2022, 19, 025001.	1.8	6
7655	Accelerated longitudinal cortical atrophy in <sc>OEF</sc>/<sc>OIF</sc>/<sc>OND</sc> veterans with severe <sc>PTSD</sc> and the impact of comorbid <sc>TBI</sc>. <i>Human Brain Mapping</i> , 2022, 43, 3694-3705.	1.9	6
7656	An open-access accelerated adult equivalent of the ABCD Study neuroimaging dataset (a-ABCD). <i>NeuroImage</i> , 2022, 255, 119215.	2.1	2
7657	PET/MRI in the Presurgical Evaluation of Patients with Epilepsy: A Concordance Analysis. <i>Biomedicine</i> , 2022, 10, 949.	1.4	6
7658	Growth charts of brain morphometry for preschool children. <i>NeuroImage</i> , 2022, , 119178.	2.1	3
7659	Machine Learning Based Multimodal Neuroimaging Genomics Dementia Score for Predicting Future Conversion to Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2022, 87, 1345-1365.	1.2	7
7660	Performance Analysis of Optically Pumped 4He Magnetometers vs. Conventional SQUIDS: From Adult to Infant Head Models. <i>Sensors</i> , 2022, 22, 3093.	2.1	10
7661	Associations Between Brainstem Volume and Alzheimer's Disease Pathology in Middle-Aged Individuals of the Framingham Heart Study. <i>Journal of Alzheimer's Disease</i> , 2022, 86, 1603-1609.	1.2	0
7662	Presurgical Thalamus Volume in Postoperative Delirium: A Longitudinal Observational Cohort Study in Older Patients. <i>Anesthesia and Analgesia</i> , 2022, Publish Ahead of Print, .	1.1	5
7767	The sexual brain, genes, and cognition: A machine-predicted brain sex score explains individual differences in cognitive intelligence and genetic influence in young children. <i>Human Brain Mapping</i> , 2022, 43, 3857-3872.	1.9	9
7768	Bringing Anatomical Information into Neuronal Network Models. <i>Advances in Experimental Medicine and Biology</i> , 2022, 1359, 201-234.	0.8	12
7769	Shared and unique brain network features predict cognitive, personality, and mental health scores in the ABCD study. <i>Nature Communications</i> , 2022, 13, 2217.	5.8	67
7770	CNS imaging characteristics in fibromyalgia patients with and without peripheral nerve involvement. <i>Scientific Reports</i> , 2022, 12, 6707.	1.6	9
7771	Malleability of the cortical hand map following a finger nerve block. <i>Science Advances</i> , 2022, 8, eabk2393.	4.7	15

#	ARTICLE	IF	CITATIONS
7772	fMRI Measures of Perceptual Filling-in in the Human Visual Cortex. <i>Journal of Cognitive Neuroscience</i> , 2006, 18, 363-375.	1.1	36
7775	Intraoperative localization and preservation of reading in ventral occipitotemporal cortex. <i>Journal of Neurosurgery</i> , 2022, 137, 1610-1617.	0.9	4
7776	Microstructural Visual Pathway White Matter Alterations in Primary Open-Angle Glaucoma: A Neurite Orientation Dispersion and Density Imaging Study. <i>American Journal of Neuroradiology</i> , 2022, , .	1.2	3
7778	Moderate Intensity Exercise in Pre-manifest Huntington's Disease: Results of a 6 months Trial.. , 2021, 2, 6-36.		0
7779	Network analysis in Gamma Knife capsulotomy for intractable obsessive-compulsive disorder. <i>Brain and Spine</i> , 2022, 2, 100892.	0.0	0
7780	Network-specific selectivity of functional connections in the neonatal brain. <i>Cerebral Cortex</i> , 2023, 33, 2200-2214.	1.6	13
7781	Sulcal depth in prefrontal cortex: a novel predictor of working memory performance. <i>Cerebral Cortex</i> , 2023, 33, 1799-1813.	1.6	19
7782	Long-range functional connections mirror and link microarchitectural and cognitive hierarchies in the human brain. <i>Cerebral Cortex</i> , 2023, 33, 1782-1798.	1.6	20
7783	Sight restoration in congenitally blind humans does not restore visual brain structure. <i>Cerebral Cortex</i> , 2023, 33, 2152-2161.	1.6	4
7785	Structural Brain Atrophy Predict Symptom Severity in Schizophrenia Based on Generalized Additive Models. , 2022, , .		0
7787	Activity in the Fronto-Parietal and Visual Cortex Is Modulated by Feature-Based Attentional Weighting. <i>Frontiers in Neuroscience</i> , 2022, 16, 838683.	1.4	2
7788	Apparent diffusion coefficient of piriform cortex and seizure outcome in mesial temporal lobe epilepsy after MR-guided laser interstitial thermal therapy: a single-institution experience. <i>Journal of Neurosurgery</i> , 2022, , 1-9.	0.9	1
7789	Population heterogeneity in clinical cohorts affects the predictive accuracy of brain imaging. <i>PLoS Biology</i> , 2022, 20, e3001627.	2.6	17
7791	Advanced Brain-Age in Psychotic Psychopathology: Evidence for Transdiagnostic Neurodevelopmental Origins. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 872867.	1.7	7
7792	Association between cardiorespiratory fitness and cerebrovascular reactivity to a breath-hold stimulus in older adults: influence of aerobic exercise training. <i>Journal of Applied Physiology</i> , 2022, 132, 1468-1479.	1.2	4
7793	Relationship between cerebrospinal fluid neurodegeneration biomarkers and temporal brain atrophy in cognitively healthy older adults. <i>Neurobiology of Aging</i> , 2022, 116, 80-91.	1.5	5
7794	Computational modeling of threat learning reveals links with anxiety and neuroanatomy in humans. <i>ELife</i> , 2022, 11, .	2.8	5
7795	A transformer-based multi-features fusion model for prediction of conversion in mild cognitive impairment. <i>Methods</i> , 2022, 204, 241-248.	1.9	7

#	ARTICLE	IF	CITATIONS
7797	Magnetoencephalography Language Mapping Using Auditory Memory Retrieval and Silent Repeating Task. <i>Journal of Clinical Neurophysiology</i> , 2024, 41, 148-154.	0.9	1
7798	Deep learning-based brain age prediction in normal aging and dementia. <i>Nature Aging</i> , 2022, 2, 412-424.	5.3	52
7799	Differences in Cortical Thickness in Schizophrenia Patients With and Without Auditory Verbal Hallucinations. <i>Frontiers in Molecular Neuroscience</i> , 2022, 15, .	1.4	1
7800	Feasibility of FreeSurfer Processing for T1-Weighted Brain Images of 5-Year-Olds: Semiautomated Protocol of FinnBrain Neuroimaging Lab. <i>Frontiers in Neuroscience</i> , 2022, 16, 874062.	1.4	8
7801	Morphometric features of drug-resistant essential tremor and recovery after stereotactic radiosurgical thalamotomy. <i>Network Neuroscience</i> , 2022, 6, 850-869.	1.4	2
7802	Hippocampal Volume and Plasma Brain-Derived Neurotrophic Factor Levels in Patients With Depression and Healthy Controls. <i>Frontiers in Molecular Neuroscience</i> , 2022, 15, .	1.4	8
7803	Reduced asymmetry of the hand knob area and decreased sensorimotor u-fiber connectivity in middle-aged adults with autism. <i>Cortex</i> , 2022, , .	1.1	1
7804	Grey Matter Hypertrophy and Atrophy in Early-Blind Adolescents: A Surface-Based Morphometric Study. <i>Disease Markers</i> , 2022, 2022, 1-8.	0.6	1
7806	Increased insula activity precedes the formation of subjective illusory Gestalt. <i>NeuroImage</i> , 2022, 257, 119289.	2.1	3
7807	Data-Driven Analyses of Longitudinal Hippocampal Imaging Trajectories: Discrimination and Biomarker Prediction of Change Classes. <i>Journal of Alzheimer's Disease</i> , 2022, , 1-19.	1.2	1
7808	Cross-sectional associations between cortical thickness and independent gait domains in older adults. <i>Journal of the American Geriatrics Society</i> , 2022, 70, 2610-2620.	1.3	1
7809	Multisensory correlation computations in the human brain identified by a time-resolved encoding model. <i>Nature Communications</i> , 2022, 13, 2489.	5.8	6
7811	Visual cortex responds to sound onset and offset during passive listening. <i>Journal of Neurophysiology</i> , 2022, 127, 1547-1563.	0.9	6
7812	Amyloid, cerebrovascular disease, and neurodegeneration biomarkers are associated with cognitive trajectories in a racially and ethnically diverse, community-based sample. <i>Neurobiology of Aging</i> , 2022, 117, 83-96.	1.5	3
7813	Flexible utilization of spatial- and motor-based codes for the storage of visuo-spatial information. <i>ELife</i> , 2022, 11, .	2.8	21
7814	SCN1A overexpression, associated with a genomic region marked by a risk variant for a common epilepsy, raises seizure susceptibility. <i>Acta Neuropathologica</i> , 2022, 144, 107-127.	3.9	3
7816	Virtual implantation using conventional scalp EEG delineates seizure onset and predicts surgical outcome in children with epilepsy. <i>Clinical Neurophysiology</i> , 2022, 139, 49-57.	0.7	3
7817	Variability and task-responsiveness of electrophysiological dynamics: Scale-free stability and oscillatory flexibility. <i>NeuroImage</i> , 2022, 256, 119245.	2.1	14



#	ARTICLE	IF	CITATIONS
7818	Event-related phase synchronization propagates rapidly across human ventral visual cortex. <i>NeuroImage</i> , 2022, 256, 119262.	2.1	7
7819	Development of infants' neural speech processing and its relation to later language skills: A MEG study. <i>NeuroImage</i> , 2022, 256, 119242.	2.1	9
7820	A study forrest extension, MEG recordings while watching the audio-visual movie "Forrest Gump". <i>Scientific Data</i> , 2022, 9, 206.	2.4	2
7821	Reliability and subject specificity of personalized whole-brain dynamical models. <i>NeuroImage</i> , 2022, 257, 119321.	2.1	12
7822	Differential patterns of association between resting-state functional connectivity networks and stress in OCD patients. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2022, 118, 110563.	2.5	2
7823	Representations of Temporal Community Structure in Hippocampus and Precuneus Predict Inductive Reasoning Decisions. <i>Journal of Cognitive Neuroscience</i> , 2022, 34, 1736-1760.	1.1	10
7824	Association between startle reactivity to uncertain threats and structural brain volume. <i>Psychophysiology</i> , 2022, 59, e14074.	1.2	1
7825	Deep Learning Achieves Neuroradiologist-Level Performance in Detecting Hydrocephalus Requiring Treatment. <i>Journal of Digital Imaging</i> , 2022, 35, 1662-1672.	1.6	1
7826	Association of Brain Atrophy With Disease Progression Independent of Relapse Activity in Patients With Relapsing Multiple Sclerosis. <i>JAMA Neurology</i> , 2022, 79, 682.	4.5	41
7827	A longitudinal resting-state functional connectivity analysis on trauma exposure and post-traumatic stress symptoms in older individuals. <i>NeuroImage: Clinical</i> , 2022, 35, 103052.	1.4	0
7828	Multimodal magnetic resonance neuroimaging measures characteristic of early cART-treated pediatric HIV: A feature selection approach. <i>Human Brain Mapping</i> , 2022, 43, 4128-4144.	1.9	1
7829	Intrinsic partial linear models for manifold-valued data. <i>Information Processing and Management</i> , 2022, 59, 102954.	5.4	1
7830	In-scanner head motion and structural covariance networks. <i>Human Brain Mapping</i> , 2022, 43, 4335-4346.	1.9	5
7831	BOLD turnover in task-free state: variation among brain areas and effects of age and human leukocyte antigen (HLA) DRB1*13. <i>Experimental Brain Research</i> , 2022, , .	0.7	1
7832	Piriform Cortex Ablation Volume Is Associated With Seizure Outcome in Mesial Temporal Lobe Epilepsy. <i>Neurosurgery</i> , 2022, 91, 414-421.	0.6	6
7834	Graph Theoretical Analysis of Structural Covariance Reveals the Relevance of Visuospatial and Attentional Areas in Essential Tremor Recovery After Stereotactic Radiosurgical Thalamotomy. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, .	1.7	7
7836	Microstructural alterations predict impaired bimanual control in Parkinson's disease. <i>Brain Communications</i> , 0, , .	1.5	3
7837	A Comparison of Brain Age Estimation and Brain Parenchymal Fraction as Imaging Markers in Multiple Sclerosis. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1

#	ARTICLE	IF	CITATIONS
7838	Testing the Structural Equivalence of Pre-processed Chronic Pain MRI Data. , 2022, , .		0
7841	Brain atrophy in prodromal synucleinopathy is shaped by structural connectivity and gene expression. Brain, 2022, 145, 3162-3178.	3.7	13
7843	Functional Connectome Dynamics After Mild Traumatic Brain Injury According to Age and Sex. Frontiers in Aging Neuroscience, 0, 14, .	1.7	4
7844	Structural alterations of amygdala and hypothalamus contribute to catatonia. Schizophrenia Research, 2024, 263, 122-130.	1.1	8
7845	Effects of a 6-Month Aerobic Exercise Intervention on Mood and Amygdala Functional Plasticity in Young Untrained Subjects. International Journal of Environmental Research and Public Health, 2022, 19, 6078.	1.2	5
7846	Dopamine Synthesis Capacity and GABA and Glutamate Levels Separate Antipsychotic-Naïve Patients With First-Episode Psychosis From Healthy Control Subjects in a Multimodal Prediction Model. Biological Psychiatry Global Open Science, 2023, 3, 500-509.	1.0	5
7848	Topological Maps and Brain Computations From Low to High. Frontiers in Systems Neuroscience, 2022, 16, .	1.2	15
7849	Association of DNA Methylation of the NLRP3 Gene with Changes in Cortical Thickness in Major Depressive Disorder. International Journal of Molecular Sciences, 2022, 23, 5768.	1.8	4
7851	Decreased Cerebral Amyloid- $\beta$ 2 Depositions in Patients With a Lifetime History of Major Depression With Suspected Non-Alzheimer Pathophysiology. Frontiers in Aging Neuroscience, 0, 14, .	1.7	4
7853	Brain Iron and Mental Health Symptoms in Youth with and without Prenatal Alcohol Exposure. Nutrients, 2022, 14, 2213.	1.7	3
7855	Electrocorticography is superior to subthalamic local field potentials for movement decoding in Parkinson's disease. ELife, 0, 11, .	2.8	28
7856	Volumetric Analysis of Hearing-Related Structures of Brain in Children with GJB2-Related Congenital Deafness. Children, 2022, 9, 800.	0.6	0
7857	On the definition, construction, and presentation of the human cerebral sulci: A morphology-based approach. Journal of Anatomy, 2022, 241, 789-808.	0.9	6
7858	Characterization of Cognitive Function in Survivors of Diffuse Gliomas Using Morphometric Correlation Networks. Tomography, 2022, 8, 1437-1452.	0.8	0
7859	Event-based modeling in temporal lobe epilepsy demonstrates progressive atrophy from cross-sectional data. Epilepsia, 2022, 63, 2081-2095.	2.6	11
7860	The relationship between retinal layers and brain areas in asymptomatic first-degree relatives of sporadic forms of Alzheimer's disease: an exploratory analysis. Alzheimer's Research and Therapy, 2022, 14, .	3.0	13
7862	Multiscale neural signatures of major depressive, anxiety, and stress-related disorders. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	5
7863	Individual Differences in Hemispheric Emotional Valence by Computerized Test Correlate with Lateralized Differences in Nucleus Accumbens, Hippocampal and Amygdala Volumes. Psychology Research and Behavior Management, 0, Volume 15, 1371-1384.	1.3	3

#	ARTICLE	IF	CITATIONS
7864	Different Profiles of Spatial Navigation Deficits In Alzheimerâ€™s Disease Biomarker-Positive Versus Biomarker-Negative Older Adults With Amnesic Mild Cognitive Impairment. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	11
7865	Sensory experience modulates the reorganization of auditory regions for executive processing. <i>Brain</i> , 2022, 145, 3698-3710.	3.7	6
7867	Cross-dimensional interference between time and distance during spatial navigation is mediated by speed representations in intraparietal sulcus and area hMT+. <i>NeuroImage</i> , 2022, 257, 119336.	2.1	2
7868	Neuroanatomical foundations of delayed reward discounting decision making II: Evaluation of sulcal morphology and fractal dimensionality. <i>NeuroImage</i> , 2022, 257, 119309.	2.1	2
7869	A Riemannian approach to predicting brain function from the structural connectome. <i>NeuroImage</i> , 2022, 257, 119299.	2.1	10
7873	Differences in Electric Field Strength between Clinical and Non-Clinical Populations Induced by Prefrontal Tdcs: A Cross-Diagnostic, Individual MRI Based Modeling Study. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
7874	Variation in Glutamate and GABA Genes and Their Association with Brain Structure and Chemistry in Autism. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
7876	Effects of the Periodicity and Vowelness of Sounds on Auditory Cortex Responses in Children. <i>Neuroscience and Behavioral Physiology</i> , 2022, 52, 395-404.	0.2	4
7877	Combining MRI and cognitive evaluation to classify concussion in university athletes. <i>Brain Imaging and Behavior</i> , 0, , .	1.1	0
7878	A Spatiotemporal Map of Reading Aloud. <i>Journal of Neuroscience</i> , 2022, 42, 5438-5450.	1.7	9
7879	Clinical applicability of quantitative atrophy measures on MRI in patients suspected of Alzheimerâ€™s disease. <i>European Radiology</i> , 2022, 32, 7789-7799.	2.3	3
7881	Behavioral Studies Using Large-Scale Brain Networks â€” Methods and Validations. <i>Frontiers in Human Neuroscience</i> , 0, 16, .	1.0	5
7882	Exploring Information Flow from Posteromedial Cortex during Visuospatial Working Memory: A Magnetoencephalography Study. <i>Journal of Neuroscience</i> , 2022, 42, 5944-5955.	1.7	5
7883	The Value of Neuroimaging in Dementia Diagnosis. <i>CONTINUUM Lifelong Learning in Neurology</i> , 2022, 28, 800-821.	0.4	2
7884	A Novel Approach to Estimating the Cortical Sources of Sleep Spindles Using Simultaneous EEG/MEG. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	1
7885	Genetic and environmental influences on structural- and diffusion-based Alzheimerâ€™s disease neuroimaging signatures across midlife and early old age. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2022, , .	1.1	0
7886	The influence of regions of interest on tractography virtual dissection protocols: general principles to learn and to follow. <i>Brain Structure and Function</i> , 2022, 227, 2191-2207.	1.2	5
7887	Effects of Persistent Binge Drinking on Brain Structure in Emerging Adults: A Longitudinal Study. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	2

#	ARTICLE	IF	CITATIONS
7889	Neuroimaging and cognitive correlates of retinal Optical Coherence Tomography (OCT) measures at late middle age in a twin sample. <i>Scientific Reports</i> , 2022, 12, .	1.6	3
7892	Reexperiencing and anxious arousal symptoms in relation to volumes of thalamus nuclei in posttraumatic stress spectrum adults. <i>Brain and Behavior</i> , 2022, 12, .	1.0	4
7894	Individual differences in frontoparietal plasticity in humans. <i>Npj Science of Learning</i> , 2022, 7, .	1.5	2
7895	Longitudinal Effects of Combination Antiretroviral Therapy on Cognition and Neuroimaging Biomarkers in Treatment-Naive People With HIV. <i>Neurology</i> , 2022, 99, .	1.5	4
7896	Effector-selective modulation of the effective connectivity within frontoparietal circuits during visuomotor tasks. <i>Cerebral Cortex</i> , 2023, 33, 2517-2538.	1.6	2
7897	Brain Morphometric Correlates of Depressive Symptoms among Patients with and without Dementia. <i>Dementia and Geriatric Cognitive Disorders Extra</i> , 2022, 12, 107-114.	0.6	1
7898	Mild Traumatic Brain Injury Results in Significant and Lasting Cortical Demyelination. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	9
7900	Alzheimer's Disease with Epileptiform EEG Activity: Abnormal Cortical Sources of Resting State Delta Rhythms in Patients with Amnesic Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2022, , 1-29.	1.2	2
7901	The Association Between Emotion Recognition, Affective Empathy, and Structural Connectivity in Schizophrenia Patients. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	2
7902	Oxygen extraction efficiency and white matter lesion burden in older adults exhibiting radiological evidence of capillary shunting. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 1933-1943.	2.4	3
7903	Sensory modality and spoken language shape reading network in blind readers of Braille. <i>Cerebral Cortex</i> , 2023, 33, 2426-2440.	1.6	7
7905	Brain Anatomy in Boys with Conduct Disorder: Differences Among Aggression Subtypes. <i>Child Psychiatry and Human Development</i> , 2024, 55, 3-13.	1.1	3
7908	Graded Variation in T1w/T2w Ratio during Adolescence: Measurement, Caveats, and Implications for Development of Cortical Myelin. <i>Journal of Neuroscience</i> , 2022, 42, 5681-5694.	1.7	28
7909	Linking individual differences in human primary visual cortex to contrast sensitivity around the visual field. <i>Nature Communications</i> , 2022, 13, .	5.8	32
7910	Rewarded Extinction Increases Amygdalar Connectivity and Stabilizes Long-Term Memory Traces in the vmPFC. <i>Journal of Neuroscience</i> , 2022, 42, 5717-5729.	1.7	4
7911	Functional Significance of Human Resting-State Networks Hubs Identified Using MEG During the Transition From Childhood to Adulthood. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	1
7913	Reorganized Hubs of Brain Functional Networks after Acute Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2023, 40, 63-73.	1.7	3
7915	The Effect of Smoking on Long-term Gray Matter Atrophy and Clinical Disability in Patients with Relapsing-Remitting Multiple Sclerosis. <i>Neurology: Neuroimmunology and Neuroinflammation</i> , 2022, 9, .	3.1	8

#	ARTICLE	IF	CITATIONS
7916	Language processing in Internet use disorder: Task-based fMRI study. PLoS ONE, 2022, 17, e0269979.	1.1	3
7918	Altered functional brain states predict cognitive decline 5 years after a clinically isolated syndrome. Multiple Sclerosis Journal, 0, , 135245852211014.	1.4	1
7920	Auditory Target Detection Enhances Visual Processing and Hippocampal Functional Connectivity. Frontiers in Psychology, 0, 13, .	1.1	7
7921	Functional network and structural connections involved in picture naming. Brain and Language, 2022, 231, 105146.	0.8	5
7922	White matter fiber-specific degeneration in older adults with metabolic syndrome. Molecular Metabolism, 2022, 62, 101527.	3.0	7
7923	Activity level in left auditory cortex predicts behavioral performance in inhibition tasks in children. NeuroImage, 2022, 258, 119371.	2.1	5
7924	Convergence Zones for Scene Perception and Visuospatial Memory at the Anterior Edge of Visually-Responsive Cortex. SSRN Electronic Journal, 0, , .	0.4	0
7925	Responses in Early Visual Areas are Reduced More for S-Cone than L-M Cone Gratings as Spatial Frequency is Increased. SSRN Electronic Journal, 0, , .	0.4	0
7926	Neuroimaging, Neural Population Models for. , 2022, , 2256-2281.		0
7927	Prefrontal abnormalities, executive dysfunction and symptoms severity are modulated by COMT Val158Met polymorphism in first episode psychosis. Revista De Psiquiatria Y Salud Mental (English) Tj ETQq1 1 0.784314 rgBT /Over		
7929	Predicting future cognitive decline from non-brain and multimodal brain imaging data in healthy and pathological aging. Neurobiology of Aging, 2022, 118, 55-65.	1.5	7
7930	Verbal Encoding Deficits Impact Recognition Memory in Atypical "Non-Amnesic" Alzheimer's Disease. Brain Sciences, 2022, 12, 843.	1.1	1
7931	Egomotion-related visual areas respond to goal-directed movements. Brain Structure and Function, 2022, 227, 2313-2328.	1.2	2
7933	Transfer of Tactile Learning from Trained to Untrained Body Parts Supported by Cortical Coactivation in Primary Somatosensory Cortex. Journal of Neuroscience, 2022, 42, 6131-6144.	1.7	1
7934	The Association Between Neighborhood Poverty and Hippocampal Volume Among Individuals at Clinical High-Risk for Psychosis: The Moderating Role of Social Engagement. Schizophrenia Bulletin, 2022, 48, 1032-1042.	2.3	9
7937	Contribution of Brain Cortical Features to the Psychological Risk Profile of Juvenile Offenders. European Journal of Psychology Applied To Legal Context, 2022, 14, 93-103.	2.9	3
7938	Proportional intracranial volume correction differentially biases behavioral predictions across neuroanatomical features, sexes, and development. NeuroImage, 2022, 260, 119485.	2.1	13
7940	Developmental changes in story-evoked responses in the neocortex and hippocampus. ELife, 0, 11, .	2.8	15

#	ARTICLE	IF	CITATIONS
7941	Masked features of task states found in individual brain networks. <i>Cerebral Cortex</i> , 2023, 33, 2879-2900.	1.6	7
7942	Neuroanatomical Correlates of Semantic Features of Narrative Speech in Semantic and Logopenic Variants of Primary Progressive Aphasia. <i>Brain Sciences</i> , 2022, 12, 910.	1.1	2
7943	Texture Features of Magnetic Resonance Images Predict Poststroke Cognitive Impairment: Validation in a Multicenter Study. <i>Stroke</i> , 2022, 53, 3446-3454.	1.0	2
7944	An investigation across 45 languages and 12 language families reveals a universal language network. <i>Nature Neuroscience</i> , 2022, 25, 1014-1019.	7.1	90
7945	Neural correlates of risky decision making in Parkinson's disease patients with impulse control disorders. <i>Experimental Brain Research</i> , 2022, 240, 2241-2253.	0.7	3
7947	Cortical thickness and related depressive symptoms in early abstinence from chronic methamphetamine use. <i>Addiction Biology</i> , 2022, 27, .	1.4	2
7948	In-vivo data-driven parcellation of Heschl's gyrus using structural connectivity. <i>Scientific Reports</i> , 2022, 12, .	1.6	2
7949	Extraversion Is Associated With Lower Brain Beta-Amyloid Deposition in Cognitively Normal Older Adults. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	0
7951	Hippocampal and motor regions contribute to memory benefits after enacted encoding: cross-sectional and longitudinal evidence. <i>Cerebral Cortex</i> , 2023, 33, 3080-3097.	1.6	1
7953	BOLD co-fluctuation events are predicted from static functional connectivity. <i>NeuroImage</i> , 2022, 260, 119476.	2.1	21
7954	Adolescent development of multiscale structural wiring and functional interactions in the human connectome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	18
7957	Deep learning in cortical surface-based neuroimage analysis: a systematic review. <i>Intelligent Medicine</i> , 2023, 3, 46-58.	1.6	5
7958	Quantitative comparison of corticospinal tracts arising from different cortical areas in humans. <i>Neuroscience Research</i> , 2022, 183, 30-49.	1.0	6
7959	DBB - A Distorted Brain Benchmark for Automatic Tissue Segmentation in Paediatric Patients. <i>NeuroImage</i> , 2022, 260, 119486.	2.1	5
7960	7T functional MRI finds no evidence for distinct functional subregions in the subthalamic nucleus during a speeded decision-making task. <i>Cortex</i> , 2022, 155, 162-188.	1.1	0
7961	Polygenic score for Alzheimer's disease identifies differential atrophy in hippocampal subfield volumes. <i>PLoS ONE</i> , 2022, 17, e0270795.	1.1	2
7963	The age-related changes in 40%Hz Auditory Steady-State Response and sustained Evoked-Related Fields to the same amplitude-modulated tones in typically developing children: A magnetoencephalography study. <i>Human Brain Mapping</i> , 2022, 43, 5370-5383.	1.9	6
7966	Uncovering Brain Differences in Preschoolers and Young Adolescents with Autism Spectrum Disorder Using Deep Learning. <i>International Journal of Neural Systems</i> , 2022, 32, .	3.2	9

#	ARTICLE	IF	CITATIONS
7967	Altered Prefrontal Blood Flow Related With Mild Cognitive Impairment in Parkinson's Disease: A Longitudinal Study. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	6
7968	Fast and functionally specific cortical thickness changes induced by visual stimulation. <i>Cerebral Cortex</i> , 2023, 33, 2823-2837.	1.6	1
7969	Right Superior Frontal Gyrus Cortical Thickness in Pediatric ADHD. <i>Journal of Attention Disorders</i> , 2022, 26, 1895-1906.	1.5	5
7972	SPAMRI: A MATLAB Toolbox for Surface-Based Processing and Analysis of Magnetic Resonance Imaging. <i>Frontiers in Human Neuroscience</i> , 0, 16, .	1.0	2
7973	Highly accurate retinotopic maps of the physiological blind spot in human visual cortex. <i>Human Brain Mapping</i> , 2022, 43, 5111-5125.	1.9	6
7974	Pilot Study of Real-World Monitoring of the Heart Rate Variability in Amyotrophic Lateral Sclerosis. <i>Frontiers in Artificial Intelligence</i> , 0, 5, .	2.0	5
7975	Parental socioeconomic status is linked to cortical microstructure and language abilities in children and adolescents. <i>Developmental Cognitive Neuroscience</i> , 2022, 56, 101132.	1.9	12
7976	The association between clinical and biological characteristics of depression and structural brain alterations. <i>Journal of Affective Disorders</i> , 2022, 312, 268-274.	2.0	6
7977	Real-time neurofeedback to alter interpretations of a naturalistic narrative. <i>NeuroImage Reports</i> , 2022, 2, 100111.	0.5	2
7978	Early life stress, systemic inflammation, and neural correlates of implicit emotion regulation in adolescents. <i>Brain, Behavior, and Immunity</i> , 2022, 105, 169-179.	2.0	11
7979	Prospective CERAD Neuropsychological Assessment in Patients With Multiple System Atrophy. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	3
7980	Left frontal eye field encodes sound locations during passive listening. <i>Cerebral Cortex</i> , 2023, 33, 3067-3079.	1.6	2
7981	Cortical thickness and surface area in patients with obsessive compulsive disorder and their unaffected siblings. <i>Brain Imaging and Behavior</i> , 2022, 16, 1946-1953.	1.1	6
7982	Impact of being physically active on the brain electrocortical activity, brain volumetry and performance in the Stroop color and word test in women with fibromyalgia. <i>Scientific Reports</i> , 2022, 12, .	1.6	0
7983	Alterations in the structure and function of the brain in adolescents with new daily persistent headache: A pilot <sc>MRI</sc> study. <i>Headache</i> , 2022, 62, 858-869.	1.8	13
7984	Short-term repeatability and long-term reproducibility of quantitative MR imaging biomarkers in a single centre longitudinal study. <i>NeuroImage</i> , 2022, 260, 119488.	2.1	3
7986	Neuroanatomical heterogeneity and homogeneity in individuals at clinical high risk for psychosis. <i>Translational Psychiatry</i> , 2022, 12, .	2.4	11
7987	A Fuzzy Consensus Clustering Algorithm for MRI Brain Tissue Segmentation. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 7385.	1.3	3

#	ARTICLE	IF	CITATIONS
7988	Reinforcement learning with associative or discriminative generalization across states and actions: fMRI at 3ÅT and 7ÅT. Human Brain Mapping, 2022, 43, 4750-4790.	1.9	5
7990	Critical roles for breathing in the genesis and modulation of emotional states. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2022, , 151-178.	1.0	1
7991	Altered brain network topology in children with auditory processing disorder: A resting-state multi-echo fMRI study. NeuroImage: Clinical, 2022, 35, 103139.	1.4	4
7994	Structural network alterations in focal and generalized epilepsy assessed in a worldwide ENIGMA study follow axes of epilepsy risk gene expression. Nature Communications, 2022, 13, .	5.8	29
7995	Asymmetric generalizability of multimodal brainâ€behavior associations across ageâ€groups. Human Brain Mapping, 2022, 43, 5593-5604.	1.9	2
7996	A parsimonious description of global functional brain organization in three spatiotemporal patterns. Nature Neuroscience, 2022, 25, 1093-1103.	7.1	53
7997	Altered high-energy phosphate and membrane metabolism in Pelizaeusâ€Merzbacher disease using phosphorus magnetic resonance spectroscopy. Brain Communications, 2022, 4, .	1.5	0
7999	Task-Dependent Warping of Semantic Representations during Search for Visual Action Categories. Journal of Neuroscience, 2022, 42, 6782-6799.	1.7	4
8001	Study on the changes of Structural Covariance Network in post-traumatic stress disorder. Brain Imaging and Behavior, 2022, 16, 1992-2000.	1.1	2
8002	Modern intracranial electroencephalography for epilepsy localization with combined subdural grid and depth electrodes with low and improved hemorrhagic complication rates. Journal of Neurosurgery, 2023, 138, 821-827.	0.9	3
8003	Childhood maltreatment is associated with cortical thinning in people with eating disorders. European Archives of Psychiatry and Clinical Neuroscience, 2023, 273, 459-466.	1.8	4
8004	Longitudinally stable, brainâ€based predictive models mediate the relationships between childhood cognition and socioâ€demographic, psychological and genetic factors. Human Brain Mapping, 2022, 43, 5520-5542.	1.9	6
8006	Normative quantitative relaxation atlases for characterization of cortical regions using magnetic resonance fingerprinting. Cerebral Cortex, 2023, 33, 3562-3574.	1.6	4
8007	Structural Correlates of Overt Sentence Reading in Mild Cognitive Impairment and Mild-to-Moderate Alzheimerâ€™s Disease. Current Alzheimer Research, 2022, 19, 606-617.	0.7	1
8010	Classification of white matter lesions and characteristics of small vessel disease markers. European Radiology, 2023, 33, 1143-1151.	2.3	2
8011	Effects of Human Immunodeficiency Virus Infection and Former Cocaine Dependence on Neuroanatomical Measures and Neurocognitive Performance. Neuroscience, 2022, 502, 77-90.	1.1	1
8012	Global multiâ€center and multiâ€modal magnetic resonance imaging study of obsessiveâ€compulsive disorder: Harmonization and monitoring of protocols in healthy volunteers and phantoms. International Journal of Methods in Psychiatric Research, 2023, 32, .	1.1	2
8013	Brain aging differs with cognitive ability regardless of education. Scientific Reports, 2022, 12, .	1.6	5



#	ARTICLE	IF	CITATIONS
8014	Temporal stability of the hemodynamic response function across the majority of human cerebral cortex. <i>Human Brain Mapping</i> , 2022, 43, 4924-4942.	1.9	7
8016	Mapping brain mechanical property maturation from childhood to adulthood. <i>NeuroImage</i> , 2022, 263, 119590.	2.1	11
8018	Neurofeedback Training without Explicit Phantom Hand Movements and Hand-Like Visual Feedback to Modulate Pain: A Randomized Crossover Feasibility Trial. <i>Journal of Pain</i> , 2022, 23, 2080-2091.	0.7	1
8019	Correlations between APOE4 allele and regional amyloid and tau burdens in cognitively normal older individuals. <i>Scientific Reports</i> , 2022, 12, .	1.6	3
8020	Neuroanatomical Correlates of Emotion-Related Impulsivity. <i>Biological Psychiatry</i> , 2023, 93, 566-574.	0.7	6
8022	Mapping effective connectivity of human amygdala subdivisions with intracranial stimulation. <i>Nature Communications</i> , 2022, 13, .	5.8	11
8023	Pitfalls in post hoc analyses of population receptive field data. <i>NeuroImage</i> , 2022, 263, 119557.	2.1	4
8024	Presence or absence of a prefrontal sulcus is linked to reasoning performance during child development. <i>Brain Structure and Function</i> , 2022, 227, 2543-2551.	1.2	17
8025	Cortical Gyrification Morphology in Adult Males with Mild Traumatic Brain Injury. <i>Neurotrauma Reports</i> , 2022, 3, 299-307.	0.5	2
8027	Cortical Thickness and White Matter Hyperintensity Changes Are Associated With Sarcopenia in the Cognitively Normal Older Adults. <i>Psychiatry Investigation</i> , 2022, 19, 695-701.	0.7	1
8028	The Dorsolateral Prefrontal Cortex Presents Structural Variations Associated with Empathy and Emotion Regulation in Psychotherapists. <i>Brain Topography</i> , 2022, 35, 613-626.	0.8	2
8029	Brain volume and magnetic susceptibility differences in children and adolescents with prenatal alcohol exposure. <i>Alcoholism: Clinical and Experimental Research</i> , 2022, 46, 1797-1807.	1.4	4
8030	The bottom-up information transfer process and top-down attention control underlying tonal working memory. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	1
8031	Non-Neural Factors Influencing BOLD Response Magnitudes within Individual Subjects. <i>Journal of Neuroscience</i> , 2022, 42, 7256-7266.	1.7	11
8032	The interaction between depression diagnosis and BMI is related to altered activation pattern in the right inferior frontal gyrus and anterior cingulate cortex during food anticipation. <i>Brain and Behavior</i> , 2022, 12, .	1.0	2
8033	The human middle temporal cortex responds to both active leg movements and egomotion-compatible visual motion. <i>Brain Structure and Function</i> , 2022, 227, 2573-2592.	1.2	3
8035	Geometric deep learning reveals a structuro-temporal understanding of healthy and pathologic brain aging. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	2
8036	Association of amygdala size with stress perception: Findings of a transversal study across the lifespan. <i>European Journal of Neuroscience</i> , 2022, 56, 5287-5298.	1.2	1

#	ARTICLE	IF	CITATIONS
8037	In the back of your mind: Cortical mapping of paraspinal afferent inputs. <i>Human Brain Mapping</i> , 2022, 43, 4943-4953.	1.9	2
8038	Altered local gyrification index and corresponding resting-state functional connectivity in individuals with high test anxiety. <i>Biological Psychology</i> , 2022, 174, 108409.	1.1	3
8040	A structural MRI study of global developmental delay in infants (<2 years old). <i>Frontiers in Neurology</i> , 0, 13, .	1.1	1
8041	Network phenotypes and their clinical significance in temporal lobe epilepsy using machine learning applications to morphological and functional graph theory metrics. <i>Scientific Reports</i> , 2022, 12, .	1.6	6
8042	ABLE: Automated Brain Lines Extraction Based on Laplacian Surface Collapse. <i>Neuroinformatics</i> , 2023, 21, 145-162.	1.5	1
8043	White matter hyperintensities in former American football players. <i>Alzheimer's and Dementia</i> , 2023, 19, 1260-1273.	0.4	9
8044	Brain structure segmentation and 3D printed individual craniometric rulers for cortex brain lesions.. <i>Annals of 3D Printed Medicine</i> , 2022, , 100079.	1.6	0
8047	Anomalous and heterogeneous characteristics of the BOLD hemodynamic response function in white matter. <i>Cerebral Cortex Communications</i> , 2022, 3, .	0.7	9
8048	Percepts evoked by multi-electrode stimulation of human visual cortex. <i>Brain Stimulation</i> , 2022, 15, 1163-1177.	0.7	8
8049	More comprehensive proprioceptive stimulation of the hand amplifies its cortical processing. <i>Journal of Neurophysiology</i> , 2022, 128, 568-581.	0.9	2
8050	Longitudinal visualization for exploratory analysis of multiple sclerosis lesions. <i>Computers and Graphics</i> , 2022, 107, 208-219.	1.4	3
8051	The association of sleep and cortical thickness in mild cognitive impairment. <i>Experimental Gerontology</i> , 2022, 167, 111923.	1.2	1
8052	Cortical atrophy distinguishes idiopathic normal-pressure hydrocephalus from progressive supranuclear palsy: A machine learning approach. <i>Parkinsonism and Related Disorders</i> , 2022, 103, 7-14.	1.1	9
8053	NLGC: Network localized Granger causality with application to MEG directional functional connectivity analysis. <i>NeuroImage</i> , 2022, 260, 119496.	2.1	7
8054	Retinal ganglion cell endowment is correlated with optic tract fiber cross section, not density. <i>NeuroImage</i> , 2022, 260, 119495.	2.1	4
8055	Greater individual variability in functional brain activity during working memory performance in Schizophrenia Spectrum Disorders (SSD). <i>Schizophrenia Research</i> , 2022, 248, 21-31.	1.1	8
8056	The midpoint of cortical thinning between late childhood and early adulthood differs between individuals and brain regions: Evidence from longitudinal modelling in a 12-wave neuroimaging sample. <i>NeuroImage</i> , 2022, 261, 119507.	2.1	18
8057	Combination of structural and functional connectivity explains unique variation in specific domains of cognitive function. <i>NeuroImage</i> , 2022, 262, 119531.	2.1	13

#	ARTICLE	IF	CITATIONS
8058	The association of amygdala-insula functional connectivity and adolescent e-cigarette use via sleep problems and depressive symptoms. <i>Addictive Behaviors</i> , 2022, 135, 107458.	1.7	1
8059	Predicting Identity-Preserving Object Transformations in Human Posterior Parietal Cortex and Convolutional Neural Networks. <i>Journal of Cognitive Neuroscience</i> , 0, , 1-30.	1.1	4
8061	Racial discrimination associates with lower cingulate cortex thickness in trauma-exposed black women. <i>Neuropsychopharmacology</i> , 2022, 47, 2230-2237.	2.8	4
8063	Early stressful experiences are associated with reduced neural responses to naturalistic emotional and social content in children. <i>Developmental Cognitive Neuroscience</i> , 2022, 57, 101152.	1.9	3
8064	Heart rate variability (HRV) changes and cortical volume changes in a randomized trial of five weeks of daily HRV biofeedback in younger and older adults. <i>International Journal of Psychophysiology</i> , 2022, 181, 50-63.	0.5	14
8065	A whole-brain 3D myeloarchitectonic atlas: Mapping the Vogt-Vogt legacy to the cortical surface. <i>NeuroImage</i> , 2022, 263, 119617.	2.1	13
8066	High-resolution atlas and segmentation of the subcortex: Review and perspective on challenges and opportunities created by machine learning. <i>NeuroImage</i> , 2022, 263, 119616.	2.1	0
8067	Predicting brain activation maps for arbitrary tasks with cognitive encoding models. <i>NeuroImage</i> , 2022, 263, 119610.	2.1	4
8068	Privacy Preserving Image Registration. <i>Lecture Notes in Computer Science</i> , 2022, , 130-140.	1.0	0
8069	A Comparison of Brain Age Estimation And Brain Parenchymal Fraction as Imaging Markers in Multiple Sclerosis. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
8070	Transferability of Cathodal tDCS Effects from the Primary Motor to the Dorsolateral Prefrontal Cortex: A Multimodal TMS-EEG Study. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
8071	Brain atrophy pattern in patients with mild cognitive impairment: MRI study. <i>Translational Neuroscience</i> , 2022, 13, 335-348.	0.7	0
8073	Hippocampal volume in patients with bilateral and unilateral peripheral vestibular dysfunction. <i>NeuroImage: Clinical</i> , 2022, 36, 103212.	1.4	7
8074	CortexODE: Learning Cortical Surface Reconstruction by Neural ODEs. <i>IEEE Transactions on Medical Imaging</i> , 2023, 42, 430-443.	5.4	6
8075	Graph Neural Networks in Network Neuroscience. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2023, 45, 5833-5848.	9.7	63
8076	CorticalFlow <sup>++</sup> : Boosting Cortical Surface Reconstruction Accuracy, Regularity, and Interoperability. <i>Lecture Notes in Computer Science</i> , 2022, , 496-505.	1.0	4
8077	Surface-based abnormalities of the executive frontostriatal circuit in pediatric TBI. <i>NeuroImage: Clinical</i> , 2022, 35, 103136.	1.4	0
8078	Vox2Cortex: Fast Explicit Reconstruction of Cortical Surfaces from 3D MRI Scans with Geometric Deep Neural Networks. , 2022, , .		12

#	ARTICLE	IF	CITATIONS
8079	MRI Quality Control Algorithm Based on Image Analysis Using Convolutional and Recurrent Neural Networks. , 2022, , .		1
8080	Evaluation of skull conductivity using SCALE head tissue conductivity estimation using EEG. , 2022, , .		2
8083	Abnormal cortical atrophy and functional connectivity are associated with depression in Parkinsonâ€™s disease. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	8
8084	Gradual changes in microarchitectural properties of cortex and juxtacortical white matter: Observed by anatomical and diffusion $\langle \text{scp} \rangle \text{MRI} \langle / \text{scp} \rangle$ . <i>Magnetic Resonance in Medicine</i> , 2022, 88, 2485-2503.	1.9	3
8085	Development of quantitative and continuous measure for severity degree of Alzheimerâ€™s disease evaluated from MRI images of 761 human brains. <i>BMC Bioinformatics</i> , 2022, 23, .	1.2	1
8086	Magnetoencephalographic spectral fingerprints differentiate evidence accumulation from saccadic motor preparation in perceptual decision-making. <i>IScience</i> , 2022, 25, 105246.	1.9	1
8087	Fast Event-Related Mapping of Population Fingertip Tuning Properties in Human Sensorimotor Cortex at 7T. <i>ENeuro</i> , 2022, 9, ENEURO.0069-22.2022.	0.9	0
8088	Level of Amyloid- $\beta^2$ ( $A\beta^2$ ) Binding Leading to Differential Effects on Resting State Functional Connectivity in Major Brain Networks. <i>Biomedicines</i> , 2022, 10, 2321.	1.4	2
8089	Carotenoids improve the development of cerebral cortical networks in formula-fed infant macaques. <i>Scientific Reports</i> , 2022, 12, .	1.6	3
8090	Fitness is positively associated with hippocampal formation subfield volumes in schizophrenia: a multiparametric magnetic resonance imaging study. <i>Translational Psychiatry</i> , 2022, 12, .	2.4	7
8091	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
8092	Task requirements affect the neural correlates of consciousness. <i>European Journal of Neuroscience</i> , 2022, 56, 5810-5822.	1.2	3
8093	Uncovering a tripartite landmark in posterior cingulate cortex. <i>Science Advances</i> , 2022, 8, .	4.7	22
8094	Frontostriatal and limbic contributions to cognitive decline in Parkinson's disease. <i>Journal of Neuroimaging</i> , 2023, 33, 121-133.	1.0	4
8097	Maternal warmth is associated with network segregation across late childhood: A longitudinal neuroimaging study. <i>Frontiers in Psychology</i> , 0, 13, .	1.1	0
8098	Effects of docosahexaenoic acid and eicosapentaenoic acid supplementation on white matter integrity after repetitive sub-concussive head impacts during American football: Exploratory neuroimaging findings from a pilot RCT. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	4
8099	Heritability of hippocampal functional and microstructural organisation. <i>NeuroImage</i> , 2022, 264, 119656.	2.1	7
8103	An evaluation of how connectopic mapping reveals visual field maps in V1. <i>Scientific Reports</i> , 2022, 12, .	1.6	1

#	ARTICLE	IF	CITATIONS
8104	Intact finger representation within primary sensorimotor cortex of musicianâ€™s dystonia. <i>Brain</i> , 2023, 146, 1511-1522.	3.7	7
8107	Arterial Spin-Labeling Perfusion Metrics in Pediatric Posterior Fossa Tumor Surgery. <i>American Journal of Neuroradiology</i> , 2022, 43, 1508-1515.	1.2	4
8109	Magnetoencephalography contrast adaptation reflects perceptual adaptation. <i>Journal of Vision</i> , 2022, 22, 16.	0.1	1
8110	Neuroimaging Markers for Determining Former American Football Players at Risk for Alzheimer's Disease. <i>Neurotrauma Reports</i> , 2022, 3, 398-414.	0.5	1
8111	Multiscale neural gradients reflect transdiagnostic effects of major psychiatric conditions on cortical morphology. <i>Communications Biology</i> , 2022, 5, .	2.0	23
8113	Brain-correlates of processing local dependencies within a statistical learning paradigm. <i>Scientific Reports</i> , 2022, 12, .	1.6	3
8114	An Open MRI Dataset For Multiscale Neuroscience. <i>Scientific Data</i> , 2022, 9, .	2.4	24
8115	GUBS: Graph-Based Unsupervised Brain Segmentation in MRI Images. <i>Journal of Imaging</i> , 2022, 8, 262.	1.7	2
8116	Overgrowth of the Amygdala in Children with Single Ventricle Congenital Heart Disease. <i>Journal of Child Neurology</i> , 0, , 088307382211290.	0.7	0
8119	Brain dynamics of recommendation-based social influence on preference change: A magnetoencephalography study. <i>Social Neuroscience</i> , 2022, 17, 397-413.	0.7	3
8120	Physical distance to sensory-motor landmarks predicts language function. <i>Cerebral Cortex</i> , 2023, 33, 4305-4318.	1.6	5
8121	Early life stress is associated with the default mode and fronto-limbic network connectivity among young adults. <i>Frontiers in Behavioral Neuroscience</i> , 0, 16, .	1.0	5
8122	Characterising the spatial and oscillatory unfolding of Theory of Mind in adults using fMRI and MEG. <i>Frontiers in Human Neuroscience</i> , 0, 16, .	1.0	2
8123	Delta-band neural tracking primarily reflects rule-based chunking instead of semantic relatedness between words. <i>Cerebral Cortex</i> , 2023, 33, 4448-4458.	1.6	5
8124	Exploring personalized structural connectomics for moderate to severe traumatic brain injury. <i>Network Neuroscience</i> , 2023, 7, 160-183.	1.4	6
8125	Measures of cortical microstructure are linked to amyloid pathology in Alzheimerâ€™s disease. <i>Brain</i> , 2023, 146, 1602-1614.	3.7	10
8126	Mapping Cytoarchitectonics and Receptor Architectonics to Understand Brain Function and Connectivity. <i>Biological Psychiatry</i> , 2023, 93, 471-479.	0.7	6
8129	The trend of disruption in the functional brain network topology of Alzheimerâ€™s disease. <i>Scientific Reports</i> , 2022, 12, .	1.6	7

#	ARTICLE	IF	CITATIONS
8130	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
8131	A domain adaptation benchmark for T1-weighted brain magnetic resonance image segmentation. <i>Frontiers in Neuroinformatics</i> , 0, 16, .	1.3	2
8132	Dissociation between Attention-Dependent and Spatially Specific Illusory Shape Responses within the Topographic Areas of the Posterior Parietal Cortex. <i>Journal of Neuroscience</i> , 2022, 42, 8125-8135.	1.7	6
8133	Longitudinal cognitive change and duration of Alzheimer's disease stages in relation to cognitive reserve. <i>Neuroscience</i> , 2022, , .	1.1	0
8134	Hippocampal subfield morphology in regular hemodialysis patients. <i>Nephrology Dialysis Transplantation</i> , 2023, 38, 992-1001.	0.4	4
8136	Dual-MEG interbrain synchronization during turn-taking verbal interactions between mothers and children. <i>Cerebral Cortex</i> , 2023, 33, 4116-4134.	1.6	3
8138	Effective connectivity underlying neural and behavioral components of prism adaptation. <i>Frontiers in Psychology</i> , 0, 13, .	1.1	0
8140	Association of reduced cortical thickness and psychopathological symptoms in patients with first-episode drug-naïve schizophrenia. <i>International Journal of Psychiatry in Clinical Practice</i> , 0, , 1-9.	1.2	0
8141	Modelling brain dynamics by Boolean networks. <i>Scientific Reports</i> , 2022, 12, .	1.6	3
8142	Interdigitated Columnar Representation of Personal Space and Visual Space in Human Parietal Cortex. <i>Journal of Neuroscience</i> , 2022, 42, 9011-9029.	1.7	6
8144	Modeling intracranial electrodes. A simulation platform for the evaluation of localization algorithms. <i>Frontiers in Neuroinformatics</i> , 0, 16, .	1.3	1
8148	Ablation of Apparent Diffusion Coefficient Hyperintensity Clusters in Mesial Temporal Lobe Epilepsy Improves Seizure Outcomes after Laser Interstitial Thermal Therapy. <i>Epilepsia</i> , 0, , .	2.6	0
8149	Robustness of radiomics to variations in segmentation methods in multimodal brain MRI. <i>Scientific Reports</i> , 2022, 12, .	1.6	6
8150	Abnormal cortical morphology in children and adolescents with intermittent exotropia. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	2
8151	High cortical iron is associated with the disruption of white matter tracts supporting cognitive function in healthy older adults. <i>Cerebral Cortex</i> , 2023, 33, 4815-4828.	1.6	3
8152	neuromaps: structural and functional interpretation of brain maps. <i>Nature Methods</i> , 2022, 19, 1472-1479.	9.0	81
8153	The Age of Reason: Functional Brain Network Development during Childhood. <i>Journal of Neuroscience</i> , 2022, 42, 8237-8251.	1.7	13
8154	Brain structure correlates with auditory function in children diagnosed with auditory neuropathy spectrum disorder. <i>Brain and Behavior</i> , 2022, 12, .	1.0	3

#	ARTICLE	IF	CITATIONS
8155	The relationship between metabolic control and basal ganglia morphometry and function in individuals with early-treated phenylketonuria. <i>Molecular Genetics and Metabolism</i> , 2022, 137, 249-256.	0.5	3
8156	Patient-specific solution of the electrocorticography forward problem in deforming brain. <i>NeuroImage</i> , 2022, 263, 119649.	2.1	3
8157	Hippocampal subfield volumes and olfactory performance: Emerging longitudinal associations over a 5-year interval. <i>Neuropsychologia</i> , 2022, 176, 108353.	0.7	1
8158	Comparison of individualized behavioral predictions across anatomical, diffusion and functional connectivity MRI. <i>NeuroImage</i> , 2022, 263, 119636.	2.1	34
8159	Open and reproducible neuroimaging: From study inception to publication. <i>NeuroImage</i> , 2022, 263, 119623.	2.1	33
8160	Understanding transformation tolerant visual object representations in the human brain and convolutional neural networks. <i>NeuroImage</i> , 2022, 263, 119635.	2.1	8
8161	Automatic Framework for Patient-Specific Biomechanical Computations of Organ Deformation: An Epilepsy (EEG) Case Study. , 2022, , 75-89.		2
8163	Lexicality-Modulated Influence of Auditory Cortex on Subthalamic Nucleus During Motor Planning for Speech. <i>Neurobiology of Language (Cambridge, Mass )</i> , 2023, 4, 53-80.	1.7	1
8164	Clinical, radiologic, and pathologic features of the globular glial tauopathy subtype of frontotemporal lobar degeneration in right temporal variant frontotemporal dementia with salient features of Geschwind syndrome. <i>Neurocase</i> , 0, , 1-7.	0.2	0
8166	Correcting cardiorespiratory noise in resting-state functional MRI data acquired in critically ill patients. <i>Brain Communications</i> , 0, , .	1.5	0
8167	Altered brain responses to noxious dentoalveolar stimuli in high-impact temporomandibular disorder pain patients. <i>PLoS ONE</i> , 2022, 17, e0266349.	1.1	0
8168	Characterization of the blood oxygen level dependent hemodynamic response function in human subcortical regions with high spatiotemporal resolution. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	3
8170	Thirty novel sequence variants impacting human intracranial volume. <i>Brain Communications</i> , 0, , .	1.5	2
8171	Toward evaluation of multiresolution cortical thickness estimation with FreeSurfer, MaCRUISE, and BrainSuite. <i>Cerebral Cortex</i> , 0, , .	1.6	1
8172	Structural alterations of the motor cortex and higher order cortical areas suggest early neurodevelopmental origin of catatonia in schizophrenia. <i>Schizophrenia Research</i> , 2024, 263, 131-138.	1.1	4
8175	Volumetric development of hippocampal subfields and hippocampal white matter connectivity: Relationship with episodic memory. <i>Developmental Psychobiology</i> , 2022, 64, .	0.9	1
8176	Working memory updating in individuals with bipolar and unipolar depression: fMRI study. <i>Translational Psychiatry</i> , 2022, 12, .	2.4	4
8177	Longitudinal brain age prediction and cognitive function after stroke. <i>Neurobiology of Aging</i> , 2023, 122, 55-64.	1.5	6

#	ARTICLE	IF	CITATIONS
8178	Whole-brain dynamics of human sensorimotor adaptation. <i>Cerebral Cortex</i> , 2023, 33, 4761-4778.	1.6	4
8179	Intrinsic connectivity within the affective salience network moderates adolescent susceptibility to negative and positive peer norms. <i>Scientific Reports</i> , 2022, 12, .	1.6	1
8180	Neuromagnetic representation of melodic contour processing in human auditory cortex. <i>Frontiers in Human Neuroscience</i> , 0, 16, .	1.0	1
8181	Brain Age Prediction: A Comparison between Machine Learning Models Using Brain Morphometric Data. <i>Sensors</i> , 2022, 22, 8077.	2.1	11
8182	Comparison of FreeSurfer and CAT12 Software in Parcel-Based Cortical Thickness Calculations. <i>Brain Topography</i> , 2022, 35, 572-582.	0.8	5
8183	Quantitative susceptibility mapping (QSM) and R2* of silent cerebral infarcts in sickle cell anemia. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	2
8184	Morphological similarity of amygdala-ventral prefrontal pathways represents trait anxiety in younger and older adults. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	5
8187	Self-Directed Neurofeedback Treatment for Subjective Tinnitus Patients Evaluated by Multimodal Functional Imaging. <i>Neural Plasticity</i> , 2022, 2022, 1-11.	1.0	1
8189	Long-term learning transforms prefrontal cortex representations during working memory. <i>Neuron</i> , 2022, 110, 3805-3819.e6.	3.8	11
8192	Cerebral vasomotor reactivity across the continuum of subjective cognitive impairment, amnesic mild cognitive impairment and probable Alzheimer's dementia: A transcranial Doppler and PET/MRI study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2023, 43, 129-137.	2.4	3
8193	Brain morphometric abnormalities and their associations with affective symptoms in males with methamphetamine use disorder during abstinence. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	0
8194	Cortico-Subthalamic Field Potentials Support Classification of the Natural Gait Cycle in Parkinson's Disease and Reveal Individualized Spectral Signatures. <i>ENeuro</i> , 2022, 9, ENEURO.0325-22.2022.	0.9	3
8196	A multivariate comparison of electroencephalogram and functional magnetic resonance imaging to electrocorticogram using visual object representations in humans. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	2
8197	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
8198	Identification of central amygdala and trigeminal motor nucleus connectivity in humans: An ultra-high field diffusion MRI study. <i>Human Brain Mapping</i> , 2023, 44, 1309-1319.	1.9	4
8199	Neural Encoding of Novel Social Networks: Evidence that Perceivers Prioritize Others' Centrality. <i>Social Cognitive and Affective Neuroscience</i> , 0, , .	1.5	0
8200	Alterations of Limbic Structure Volumes in Patients with Obstructive Sleep Apnea. <i>Canadian Journal of Neurological Sciences</i> , 2023, 50, 730-737.	0.3	1
8201	Brain structure in autoimmune Addison's disease. <i>Cerebral Cortex</i> , 2023, 33, 4915-4926.	1.6	3



#	ARTICLE	IF	CITATIONS
8202	Cortical morphometric vulnerability to generalised epilepsy reflects chromosome-specific and cell type-specific transcriptomic signatures. <i>Neuropathology and Applied Neurobiology</i> , 2023, 49, .	1.8	5
8203	Perivascular spaces as a marker of disease severity and neurodegeneration in patients with behavioral variant frontotemporal dementia. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	7
8204	Surface-based functional metrics and auditory cortex characteristics in chronic tinnitus. <i>Heliyon</i> , 2022, 8, e10989.	1.4	1
8205	Neural distinctiveness and reinstatement of hippocampal representations support unitization for associations. <i>Brain Research</i> , 2023, 1798, 148143.	1.1	3
8206	Can hippocampal subfield measures supply information that could be used to improve the diagnosis of Alzheimer's disease?. <i>PLoS ONE</i> , 2022, 17, e0275233.	1.1	3
8207	Structural and diffusion-weighted brain imaging predictors of attention-deficit/hyperactivity disorder and its symptomology in very young (4- to 7-year-old) children. <i>European Journal of Neuroscience</i> , 2022, 56, 6239-6257.	1.2	1
8212	Vitamin D deficit is associated with accelerated brain aging in the general population. <i>Psychiatry Research - Neuroimaging</i> , 2022, 327, 111558.	0.9	5
8213	Spatially-enhanced clusterwise inference for testing and localizing intermodal correspondence. <i>NeuroImage</i> , 2022, 264, 119712.	2.1	4
8214	Evaluating the efficacy of multi-echo ICA denoising on model-based fMRI. <i>NeuroImage</i> , 2022, 264, 119723.	2.1	7
8215	fMRI BOLD and MEG theta power reflect complementary aspects of activity during lexicosemantic decision in adolescents with ASD. <i>NeuroImage Reports</i> , 2022, 2, 100134.	0.5	1
8216	L-DOPA enhances neural direction signals in younger and older adults. <i>NeuroImage</i> , 2022, 264, 119670.	2.1	1
8217	Brain volumetric correlates of remotely versus in-person administered symbol digit modalities test in multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2022, 68, 104247.	0.9	1
8218	Anatomical coordinate systems in brain analysis. <i>Advances in Magnetic Resonance Technology and Applications</i> , 2023, , 83-95.	0.0	0
8219	Neural correlates of semantic matching in indirect priming. <i>Cognitive Systems Research</i> , 2023, 77, 18-29.	1.9	1
8220	Development and Validation of MRI-Based Radiomics Models for Diagnosing Juvenile Myoclonic Epilepsy. <i>Korean Journal of Radiology</i> , 2022, 23, 1281.	1.5	6
8221	Neuroimaging of restless legs syndrome. , 2023, , 519-540.		0
8222	Are we ready to define cognitive worsening in MS? How different cutoffs detect future cognitive worsening after six years of follow-up. <i>Multiple Sclerosis and Related Disorders</i> , 2023, 69, 104402.	0.9	0
8223	Neural evidence suggests phonological acceptability judgments reflect similarity, not constraint evaluation. <i>Cognition</i> , 2023, 230, 105322.	1.1	2

#	ARTICLE	IF	CITATIONS
8224	Estimation Of Cortical Currents From Eeg Signals During N-Back Working Memory Tasks. , 2022, , .		0
8225	Hemodynamic correlates of emotion regulation in frontal lobe epilepsy patients and healthy participants. <i>Human Brain Mapping</i> , 2023, 44, 1456-1475.	1.9	3
8226	Representations and decodability of diverse cognitive functions are preserved across the human cortex, cerebellum, and subcortex. <i>Communications Biology</i> , 2022, 5, .	2.0	4
8228	Efficient learning in children with rapid GABA boosting during and after training. <i>Current Biology</i> , 2022, 32, 5022-5030.e7.	1.8	11
8229	Error Minimization in Pre-surgical Model of Brain Tumor for 3-D Printing. <i>Journal of the Institution of Engineers (India): Series C</i> , 2023, 104, 101-111.	0.7	1
8230	Benchmarking the generalizability of brain age models: Challenges posed by scanner variance and prediction bias. <i>Human Brain Mapping</i> , 2023, 44, 1118-1128.	1.9	13
8231	Neuroimaging and immunological features of neurocognitive function related to substance use in people with HIV. <i>Journal of NeuroVirology</i> , 2023, 29, 78-93.	1.0	5
8232	Impact of Human Immunodeficiency Virus and Recreational Drugs on Cognitive Functions. <i>Clinical Infectious Diseases</i> , 2023, 76, 1022-1029.	2.9	0
8233	Hemispheric Asymmetries of Individual Differences in Functional Connectivity. <i>Journal of Cognitive Neuroscience</i> , 2023, 35, 200-225.	1.1	6
8236	Microstructural but not macrostructural cortical degeneration occurs in Parkinson's disease with mild cognitive impairment. <i>Npj Parkinson's Disease</i> , 2022, 8, .	2.5	6
8238	Compressed sensing (CS) MP2RAGE versus standard MPRAGE: A comparison of derived brain volume measurements. <i>Physica Medica</i> , 2022, 103, 166-174.	0.4	2
8240	From correlation to communication: Disentangling hidden factors from functional connectivity changes. <i>Network Neuroscience</i> , 0, , 1-42.	1.4	0
8242	Peak width of skeletonized mean diffusivity in cerebral amyloid angiopathy: Spatial signature, cognitive, and neuroimaging associations. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	4
8243	BOLD Activation on the Groundside of Figures: More Suppression of Grounds That Competed More for Figural Status. <i>Cortex</i> , 2022, , .	1.1	0
8244	Assessment of cognitive function, structural brain changes and fatigue 6 months after treatment of neuroborreliosis. <i>Journal of Neurology</i> , 2023, 270, 1430-1438.	1.8	3
8245	Machine learning based multi-modal prediction of future decline toward Alzheimer's disease: An empirical study. <i>PLoS ONE</i> , 2022, 17, e0277322.	1.1	6
8246	Dense attentive GAN-based one-class model for detection of autism and ADHD. <i>Journal of King Saud University - Computer and Information Sciences</i> , 2022, 34, 10444-10458.	2.7	4
8249	Two fine-scale channels for encoding motion and stereopsis within the human magnocellular stream. <i>Progress in Neurobiology</i> , 2023, 220, 102374.	2.8	8

#	ARTICLE	IF	CITATIONS
8250	Classification of major depression disorder via using minimum spanning tree of individual high-order morphological brain network. <i>Journal of Affective Disorders</i> , 2023, 323, 10-20.	2.0	5
8251	Increasing empathic concern relates to salience network hyperconnectivity in cognitively healthy older adults with elevated amyloid- $\beta^2$ burden. <i>NeuroImage: Clinical</i> , 2023, 37, 103282.	1.4	8
8252	Exploring the heterogeneous morphometric data in essential tremor with probabilistic modelling. <i>NeuroImage: Clinical</i> , 2023, 37, 103283.	1.4	2
8253	Automated detection of axonal damage along white matter tracts in acute severe traumatic brain injury. <i>NeuroImage: Clinical</i> , 2023, 37, 103294.	1.4	1
8254	A combined exercise and cognitive training intervention induces fronto-cingulate cortical plasticity in first-episode psychosis patients. <i>Schizophrenia Research</i> , 2023, 251, 12-21.	1.1	4
8255	Childhood abuse and cortical gray matter volume in patients with major depressive disorder. <i>Psychiatry Research</i> , 2023, 319, 114990.	1.7	5
8256	Optimal transport features for morphometric population analysis. <i>Medical Image Analysis</i> , 2023, 84, 102696.	7.0	2
8257	Identification of cerebral cortices processing acceleration, velocity, and position during directional reaching movement with deep neural network and explainable AI. <i>NeuroImage</i> , 2023, 266, 119783.	2.1	4
8258	Distinct multivariate structural brain profiles are related to variations in short- and long-delay memory consolidation across children and young adults. <i>Developmental Cognitive Neuroscience</i> , 2023, 59, 101192.	1.9	0
8259	Increased cortical surface area but not altered cortical thickness or gyrification in bipolar disorder following stabilisation from a first episode of mania. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2023, 122, 110687.	2.5	1
8260	Neuromagnetic 40ÂHz Auditory Steady-State Response in the left auditory cortex is related to language comprehension in children with Autism Spectrum Disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2023, 122, 110690.	2.5	4
8261	Randomized Controlled Trial of Social Ballroom Dancing and Treadmill Walking: Preliminary Findings on Executive Function and Neuroplasticity From Dementia-at-Risk Older Adults. <i>Journal of Aging and Physical Activity</i> , 2023, 31, 589-599.	0.5	2
8262	A Novel Two-Stage Multi-view Low-Rank Sparse Subspace Clustering Approach to Explore the Relationship Between Brain Function and Structure. <i>Lecture Notes in Computer Science</i> , 2022, , 191-200.	1.0	0
8263	Comparison of machine learning methods for the detection of focal cortical dysplasia lesions: decision tree, support vector machine and artificial neural network. <i>Neurological Research</i> , 2022, 44, 1142-1149.	0.6	1
8264	A Univariate Morphometry Index for AD-induced Abnormal Cortical Surface Pattern Similarity Measurement. , 2022, , .		0
8266	Evaluation and Comparison of Simulated Electric Field Differences Using Three Image Segmentation Methods for TMS. , 2023, , 75-87.		0
8267	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
8268	Wave-Encoded Model-Based Deep Learning for Highly Accelerated Imaging with Joint Reconstruction. <i>Bioengineering</i> , 2022, 9, 736.	1.6	7

#	ARTICLE	IF	CITATIONS
8269	Changes in music-evoked emotion and ventral striatal functional connectivity after psilocybin therapy for depression. <i>Journal of Psychopharmacology</i> , 2023, 37, 70-79.	2.0	7
8270	Residual Self-attention Based Cortical Surface Reconstruction. , 2022, , .		0
8271	Brain structural parameters correlate with University Selection Test outcomes in Chilean high school graduates. <i>Scientific Reports</i> , 2022, 12, .	1.6	0
8272	A family study of symbolic learning and synaptic plasticity in autism spectrum disorder. <i>Frontiers in Human Neuroscience</i> , 0, 16, .	1.0	0
8273	Whole-brain dynamical modelling for classification of Parkinsonâ€™s disease. <i>Brain Communications</i> , 2022, 5, .	1.5	5
8274	Analysis of brain and spinal MRI measures in a common domain to investigate directional neurodegeneration in motor neuron disease. <i>Journal of Neurology</i> , 0, , .	1.8	1
8279	Neurodevelopmental correlates of caudate volume in children born at risk of neonatal hypoglycaemia. <i>Pediatric Research</i> , 2023, 93, 1634-1641.	1.1	2
8281	Volume atrophy in medial temporal cortex and verbal memory scores in American Indians: Data from the Strong Heart Study. <i>Alzheimer's and Dementia</i> , 2023, 19, 2298-2306.	0.4	3
8282	Smaller Rostral Cingulate Volume and Psychosocial Correlates in Veterans at Risk for Suicide. <i>Psychiatry Research</i> , 2022, , 115032.	1.7	0
8283	Age-dependent alterations in the coordinated development of subcortical regions in adolescents with social anxiety disorder. <i>European Child and Adolescent Psychiatry</i> , 2024, 33, 51-64.	2.8	1
8285	Perceptual Grouping in Autism Spectrum Disorder: An Exploratory Magnetoencephalography Study. <i>Journal of Autism and Developmental Disorders</i> , 2024, 54, 1101-1112.	1.7	0
8288	Cognitive Decline Related to Diet Pattern and Nutritional Adequacy in Alzheimerâ€™s Disease Using Surface-Based Morphometry. <i>Nutrients</i> , 2022, 14, 5300.	1.7	2
8289	Brainstem white matter microstructure is associated with hyporesponsiveness and overall sensory features in autistic children. <i>Molecular Autism</i> , 2022, 13, .	2.6	4
8290	Novel noninvasive identification of patientâ€™specific epileptic networks in focal epilepsies: Linking singleâ€™photon emission computed tomography perfusion during seizures with restingâ€™state magnetoencephalography dynamics. <i>Human Brain Mapping</i> , 2023, 44, 1695-1710.	1.9	2
8291	Neural similarity across task load relates to cognitive reserve and brain maintenance measures on the Letter Sternberg task: a longitudinal study. <i>Brain Imaging and Behavior</i> , 2023, 17, 100-113.	1.1	3
8292	Local neuroplasticity in adult glaucomatous visual cortex. <i>Scientific Reports</i> , 2022, 12, .	1.6	7
8293	Association of Frequent Sexual Choking/Strangulation With Neurophysiological Responses: A Pilot Resting-State fMRI Study. <i>Journal of Neurotrauma</i> , 2023, 40, 1339-1351.	1.7	2
8295	Network organization of resting-state cerebral hemodynamics and their aliasing contributions measured by functional near-infrared spectroscopy. <i>Journal of Neural Engineering</i> , 0, , .	1.8	0

#	ARTICLE	IF	CITATIONS
8296	Neurocognitive considerations in the treatment of meningioma with radiation therapy: applications for quantitative neuroimaging and precision radiation medicine. <i>Journal of Neuro-Oncology</i> , 0, , .	1.4	0
8298	Noninvasive neuroimaging and spatial filter transform enable ultra low delay motor imagery EEG decoding. <i>Journal of Neural Engineering</i> , 2022, 19, 066034.	1.8	1
8300	Atypical brain structure mediates reduced IQ in young adults born preterm with very low birth weight. <i>NeuroImage</i> , 2023, 266, 119816.	2.1	3
8301	A critical guide to the automated quantification of perivascular spaces in magnetic resonance imaging. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	8
8302	Altered brain white matter structural motor network in spinocerebellar ataxia type 3. <i>Annals of Clinical and Translational Neurology</i> , 2023, 10, 225-236.	1.7	2
8303	Smaller amygdala subnuclei volume in schizophrenia patients with violent behaviors. <i>Brain Imaging and Behavior</i> , 0, , .	1.1	0
8304	Precise motor mapping with transcranial magnetic stimulation. <i>Nature Protocols</i> , 2023, 18, 293-318.	5.5	24
8306	The IAS-MEEG Package: A Flexible Inverse Source Reconstruction Platform for Reconstruction and Visualization of Brain Activity from M/EEG Data. <i>Brain Topography</i> , 0, , .	0.8	0
8307	Motor symptoms in Parkinsonâ€™s disease are related to the interplay between cortical curvature and thickness. <i>NeuroImage: Clinical</i> , 2023, 37, 103300.	1.4	1
8310	The biomechanical signature of loss of consciousness: computational modelling of elite athlete head injuries. <i>Brain</i> , 2023, 146, 3063-3078.	3.7	5
8311	Rationale and Design of the PARTNER Trial: Partnered Rhythmic Rehabilitation for Enhanced Motor-Cognition in Prodromal Alzheimerâ€™s Disease. <i>Journal of Alzheimer's Disease</i> , 2022, , 1-15.	1.2	0
8312	Context-independent scaling of neural responses to task difficulty in the multiple-demand network. <i>Cerebral Cortex</i> , 0, , .	1.6	1
8313	Maternal smoking during pregnancy negatively affects brain volumes proportional to intracranial volume in adolescents born very preterm. <i>Frontiers in Human Neuroscience</i> , 0, 16, .	1.0	0
8314	A model for estimating the brainstem volume in normal healthy individuals and its application to diffuse axonal injury patients. <i>Scientific Reports</i> , 2023, 13, .	1.6	0
8316	Testing the Ecophenotype Model: Cortical Structure Alterations in Conduct Disorder With Versus Without Childhood Maltreatment. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2023, , .	1.1	0
8317	Predicting aging trajectories of decline in brain volume, cortical thickness and fractional anisotropy in schizophrenia. , 2023, 9, .		5
8318	Evaluation of Brain Source Localization Methods Based on Test-Retest Reliability With Multiple Session EEG Data. <i>IEEE Transactions on Biomedical Engineering</i> , 2023, 70, 2080-2090.	2.5	0
8319	Emotional face expression recognition in problematic Internet use and excessive smartphone use: task-based fMRI study. <i>Scientific Reports</i> , 2023, 13, .	1.6	4

#	ARTICLE	IF	CITATIONS
8320	The Added Value of EEG-fMRI in Imaging Neuroscience. , 2022, , 119-138.		0
8321	A Cross-Species Neuroimaging Study of Sex Chromosome Dosage Effects on Human and Mouse Brain Anatomy. Journal of Neuroscience, 2023, 43, 1321-1333.	1.7	6
8322	Altered cortical thickness and emotional dysregulation in adolescents with borderline personality disorder. European Journal of Psychotraumatology, 2023, 14, .	0.9	2
8323	Whole-brain functional gradients reveal cortical and subcortical alterations in patients with episodic migraine. Human Brain Mapping, 2023, 44, 2224-2233.	1.9	4
8324	Cross-task specificity and within-task invariance of cognitive control processes. Cell Reports, 2023, 42, 111919.	2.9	2
8325	Exploring Genetic and Neural Risk of Specific Reading Disability within a Nuclear Twin Family Case Study: A Translational Clinical Application. Journal of Personalized Medicine, 2023, 13, 156.	1.1	0
8326	Morphological brain alterations in dialysis- and non-dialysis-dependent patients with chronic kidney disease. Metabolic Brain Disease, 2023, 38, 1311-1321.	1.4	1
8327	Responsiveness variability during anaesthesia relates to inherent differences in brain structure and function of the frontoparietal networks. Human Brain Mapping, 2023, 44, 2142-2157.	1.9	2
8328	Mapping Brain Motor Functions Using Transcranial Magnetic Stimulation with a Volume Conductor Model and Electrophysiological Experiments. Brain Sciences, 2023, 13, 116.	1.1	1
8330	Predictive modeling of optimism bias using gray matter cortical thickness. Scientific Reports, 2023, 13, .	1.6	0
8331	Alterations of Spontaneous Cortical and Subcortical Activity in Type 2 Diabetes Mellitus with and without Depression. Neuroendocrinology, 2023, 113, 736-755.	1.2	1
8332	Bridging the gap between preclinical scientists, clinical researchers, and clinicians: From animal research to clinical practice. Headache, 2023, 63, 25-39.	1.8	3
8333	Thalamic subfield iron accumulation after acute mild traumatic brain injury as a marker of future post-traumatic headache intensity. Headache, 0, , .	1.8	1
8334	Cerebral cortical thickness and cognitive decline in Parkinson's disease. Cerebral Cortex Communications, 2023, 4, .	0.7	5
8336	Cortical thickness, gray matter volume, and cognitive performance: a crosssectional study of the moderating effects of age on their interrelationships. Cerebral Cortex, 2023, 33, 6474-6485.	1.6	2
8338	Using convolutional dictionary learning to detect task-related neuromagnetic transients and ageing trends in a large open-access dataset. NeuroImage, 2023, 267, 119809.	2.1	1
8339	Neuroimaging findings related to glymphatic system alterations in older adults with metabolic syndrome. Neurobiology of Disease, 2023, 177, 105990.	2.1	12
8340	Brainstorm-DUNEuro: An integrated and user-friendly Finite Element Method for modeling electromagnetic brain activity. NeuroImage, 2023, 267, 119851.	2.1	5

#	ARTICLE	IF	CITATIONS
8341	Associations between right inferior frontal gyrus morphometry and inhibitory control in individuals with nicotine dependence. <i>Drug and Alcohol Dependence</i> , 2023, 244, 109766.	1.6	3
8342	A Large Video Set of Natural Human Actions for Visual and Cognitive Neuroscience Studies and Its Validation with fMRI. <i>Brain Sciences</i> , 2023, 13, 61.	1.1	1
8343	Fiber-specific structural properties relate to reading skills in children and adolescents. <i>ELife</i> , 0, 11, .	2.8	2
8344	Contributions of human amygdala nuclei to resting-state networks. <i>PLoS ONE</i> , 2022, 17, e0278962.	1.1	4
8345	<scp>PhiPipe</scp>: A multi-modal <scp>MRI</scp> data processing pipeline with test-retest reliability and predicative validity assessments. <i>Human Brain Mapping</i> , 2023, 44, 2062-2084.	1.9	4
8346	Socioeconomic disparities in sleep duration are associated with cortical thickness in children. <i>Brain and Behavior</i> , 0, , .	1.0	1
8347	Structural brain signatures of frailty, defined as accumulation of self-reported health deficits in older adults. <i>Frontiers in Aging Neuroscience</i> , 0, 15, .	1.7	1
8348	Combined metabolic activators improve cognitive functions in Alzheimer's disease patients: a randomised, double-blinded, placebo-controlled phase-II trial. <i>Translational Neurodegeneration</i> , 2023, 12, .	3.6	18
8353	High-amplitude network co-fluctuations linked to variation in hormone concentrations over the menstrual cycle. <i>Network Neuroscience</i> , 2023, 7, 1181-1205.	1.4	6
8355	Structural Relationship between Cerebral Gray and White Matter Alterations in Degenerative Cervical Myelopathy. <i>Tomography</i> , 2023, 9, 315-327.	0.8	1
8356	Striatal dopamine D2 receptor availability as a predictor of subsequent alcohol use in social drinkers. <i>Addiction</i> , 0, , .	1.7	0
8357	Excitatory/inhibitory imbalance in autism: the role of glutamate and GABA gene-sets in symptoms and cortical brain structure. <i>Translational Psychiatry</i> , 2023, 13, .	2.4	13
8358	Altered brain activity and functional connectivity after MDMA-assisted therapy for post-traumatic stress disorder. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	8
8359	Structural brain correlates of childhood trauma with replication across two large, independent community-based samples. <i>European Psychiatry</i> , 2023, 66, .	0.1	2
8360	Associations between community-level patterns of prenatal alcohol and tobacco exposure on brain structure in a non-clinical sample of 6-year-old children: a South African pilot study. <i>Acta Neuropsychiatrica</i> , 2024, 36, 87-96.	1.0	1
8361	Influence of accessory sulci of the frontoparietal operculum on gray matter quantification. <i>Frontiers in Neuroanatomy</i> , 0, 16, .	0.9	2
8362	A multimodal imaging approach to foreign accent syndrome. A case report. <i>Neurocase</i> , 0, , 1-10.	0.2	0
8365	Rapid Processing of Invisible Fearful Faces in the Human Amygdala. <i>Journal of Neuroscience</i> , 2023, 43, 1405-1413.	1.7	9

#	ARTICLE	IF	CITATIONS
8366	Diffusion MRI data analysis assisted by deep learning synthesized anatomical images (DeepAnat). Medical Image Analysis, 2023, 86, 102744.	7.0	3
8367	Neurofilament light chain is increased in the parahippocampal cortex and associates with pathological hallmarks in Parkinson's disease dementia. Translational Neurodegeneration, 2023, 12, .	3.6	8
8368	Associations between anxiety, centromedial amygdala volume, and complex verbal fluency in middle-aged to older adults. Journal of Clinical and Experimental Neuropsychology, 2022, 44, 730-742.	0.8	0
8369	The association between white matter hyperintensities and amyloid and tau deposition. NeuroImage: Clinical, 2023, 38, 103383.	1.4	5
8370	Comparing the Dominance of Color and Form Information across the Human Ventral Visual Pathway and Convolutional Neural Networks. Journal of Cognitive Neuroscience, 2023, 35, 816-840.	1.1	1
8372	Sleep-dependent structural neuroplasticity after a spatial navigation task: A diffusion imaging study. Journal of Neuroscience Research, 2023, 101, 1031-1043.	1.3	3
8373	An adversarial collaboration protocol for testing contrasting predictions of global neuronal workspace and integrated information theory. PLoS ONE, 2023, 18, e0268577.	1.1	26
8374	Machine learning based identification of structural brain alterations underlying suicide risk in adolescents. Discover Mental Health, 2023, 3, .	1.0	1
8375	Anterior cingulate and medial prefrontal cortex oscillations underlie learning alterations in trait anxiety in humans. Communications Biology, 2023, 6, .	2.0	5
8376	White matter and gray matter changes related to cognition in community populations. Frontiers in Aging Neuroscience, 0, 15, .	1.7	0
8377	Heterogeneous aging across multiple organ systems and prediction of chronic disease and mortality. Nature Medicine, 2023, 29, 1221-1231.	15.2	66
8378	How we get a grip: Microstructural neural correlates of manual grip strength in children. NeuroImage, 2023, 273, 120117.	2.1	1
8379	The association between kidney function, cognitive function, and structural brain abnormalities in community-dwelling individuals aged 50+ is mediated by age and biomarkers of cardiovascular disease. Cardiovascular Research, 2023, 119, 2106-2116.	1.8	2
8380	Mean Arterial Pressure and Cerebral Hemodynamics Across The Lifespan: A Cross-sectional Study From Human Connectome Project-Aging. Journal of Magnetic Resonance Imaging, 2023, 58, 1892-1900.	1.9	3
8381	Structural architecture and brain network efficiency link polygenic scores to intelligence. Human Brain Mapping, 0, , .	1.9	1
8382	Differential reduction of gray matter volume with age in 35 cortical areas in men (more) and women (less). Journal of Neurophysiology, 2023, 129, 894-899.	0.9	6
8383	Functional organization of social perception networks in the human brain. NeuroImage, 2023, 272, 120025.	2.1	5
8384	Conscientiousness associated with efficiency of the salience/ventral attention network: Replication in three samples using individualized parcellation. NeuroImage, 2023, 272, 120081.	2.1	5



#	ARTICLE	IF	CITATIONS
8385	Reduced connectivity of primary auditory and motor cortices during exposure to auditory white noise. <i>Neuroscience Letters</i> , 2023, 804, 137212.	1.0	3
8386	Frontoparietal 18F-FDG-PET hypo-metabolism in Lennox-Gastaut syndrome: Further evidence highlighting the key network. <i>Epilepsy Research</i> , 2023, 192, 107131.	0.8	1
8387	Spatially regularized low-rank tensor approximation for accurate and fast tractography. <i>NeuroImage</i> , 2023, 271, 120004.	2.1	1
8389	Age differences in cortical thickness and their association with cognition in chimpanzee (Pan) Tj ETQq1 1 0.784314 r <sub>BT</sub> / Overlock 10	1.5	0
8390	The association of dietary and nutrient patterns on neurocognitive decline: A systematic review of MRI and PET studies. <i>Ageing Research Reviews</i> , 2023, 87, 101892.	5.0	3
8391	Subcortical volume analysis in non-suicidal self-injury adolescents: A pilot study. <i>Psychiatry Research - Neuroimaging</i> , 2023, 331, 111617.	0.9	0
8392	Increasing spatial frequency of S-cone defined gratings reduces their visibility and brain response more than for gratings defined by L-M cone contrast. <i>Vision Research</i> , 2023, 207, 108209.	0.7	0
8393	Neuroanatomical Correlates of the Late Positive Potential in Youth with Pediatric Bipolar Disorder. <i>Current Neuropharmacology</i> , 2023, 21, 1617-1630.	1.4	0
8394	Increased parietal and occipital lobe gyrification predicts conversion to syndromal psychosis in a clinical high-risk cohort. <i>Schizophrenia Research</i> , 2023, 255, 246-255.	1.1	0
8395	Inter-individual deep image reconstruction via hierarchical neural code conversion. <i>NeuroImage</i> , 2023, 271, 120007.	2.1	2
8396	Image data and computational grids for computing brain shift and solving the electrocorticography forward problem. <i>Data in Brief</i> , 2023, 48, 109122.	0.5	0
8398	High-fidelity transmission of auditory symbolic material is associated with reduced rightâ€“left neuroanatomical asymmetry between primary auditory regions. <i>Cerebral Cortex</i> , 2023, 33, 6902-6916.	1.6	2
8399	Different neuroanatomical correlates for temporal and spectral supraâ€“threshold auditory tasks and speech in noise recognition in older adults with hearing impairment. <i>European Journal of Neuroscience</i> , 2023, 57, 981-1002.	1.2	0
8401	Differential association of endothelial function with brain structure in youth with versus without bipolar disorder. <i>Journal of Psychosomatic Research</i> , 2023, 167, 111180.	1.2	2
8402	Cortical Patterns Shift from Sequence Feature Separation during Planning to Integration during Motor Execution. <i>Journal of Neuroscience</i> , 2023, 43, 1742-1756.	1.7	2
8403	Aberrant functional connectivity of the bed nucleus of the stria terminalis and its age dependence in children and adolescents with social anxiety disorder. <i>Asian Journal of Psychiatry</i> , 2023, 82, 103498.	0.9	2
8404	Superstorm Sandy exposure in utero is associated with neurobehavioral phenotypes and brain structure alterations in childhood: A machine learning approach. <i>Frontiers in Neuroscience</i> , 0, 17, .	1.4	0
8405	Differential neural reward reactivity in response to food advertising medium in children. <i>Frontiers in Neuroscience</i> , 0, 17, .	1.4	0

#	ARTICLE	IF	CITATIONS
8406	Neuroanatomical and neurocognitive changes associated with subjective cognitive decline. <i>Frontiers in Medicine</i> , 0, 10, .	1.2	5
8408	Hand and face somatotopy shown using MRI-safe vibrotactile stimulation with a novel soft pneumatic actuator (SPA)-skin interface. <i>NeuroImage</i> , 2023, 269, 119932.	2.1	0
8411	Validate your white matter tractography algorithms with a reappraised ISMRM 2015 Tractography Challenge scoring system. <i>Scientific Reports</i> , 2023, 13, .	1.6	3
8412	Brain Structure Relations With Psychopathology Trajectories in the ABCD Study. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2023, 62, 895-907.	0.3	6
8413	Long-term clinical, imaging and cognitive outcomes association with <scp>MS</scp> immunopathology. <i>Annals of Clinical and Translational Neurology</i> , 2023, 10, 339-352.	1.7	0
8416	Proprioceptive response strength in the primary sensorimotor cortex is invariant to the range of finger movement. <i>NeuroImage</i> , 2023, 269, 119937.	2.1	3
8417	Relevance of 18F-DOPA visual and semi-quantitative PET metrics for the diagnostic of Parkinson disease in clinical practice: a machine learning-based inference study. <i>EJNMMI Research</i> , 2023, 13, .	1.1	4
8419	Representational integration and differentiation in the human hippocampus following goal-directed navigation. <i>ELife</i> , 0, 12, .	2.8	10
8420	Greater subjective cognitive decline severity is associated with worse memory performance and lower entorhinal cerebral blood flow in healthy older adults. <i>Journal of the International Neuropsychological Society</i> , 2024, 30, 1-10.	1.2	0
8421	Functional connectivity fingerprints of the frontal eye field and inferior frontal junction suggest spatial versus nonspatial processing in the prefrontal cortex. <i>European Journal of Neuroscience</i> , 2023, 57, 1114-1140.	1.2	3
8422	Poorer sleep health is associated with altered brain activation during cognitive control processing in healthy adults. <i>Cerebral Cortex</i> , 2023, 33, 7100-7119.	1.6	2
8423	Greater accelerometer-measured physical activity is associated with better cognition and cerebrovascular health in older adults. <i>Journal of the International Neuropsychological Society</i> , 2023, 29, 859-869.	1.2	3
8424	Bidirectional Associations Between Adiposity and Cognitive Function and Mediation by Brain Morphology in the ABCD Study. <i>JAMA Network Open</i> , 2023, 6, e2255631.	2.8	4
8425	Validity Assessment of an Automated Brain Morphometry Tool for Patients with De Novo Memory Symptoms. <i>American Journal of Neuroradiology</i> , 2023, 44, 261-267.	1.2	1
8426	Development of top-down cortical propagations in youth. <i>Neuron</i> , 2023, 111, 1316-1330.e5.	3.8	10
8428	Alcohol-induced changes in mesostriatal resting-state functional connectivity are linked to sensation seeking in young adults. <i>Alcoholism: Clinical and Experimental Research</i> , 2023, 47, 659-667.	1.4	0
8429	Hominoid-specific sulcal variability is related to face perception ability. <i>Brain Structure and Function</i> , 2023, 228, 677-685.	1.2	8
8431	Resting-state neural correlates of visual Gestalt experience. <i>Cerebral Cortex</i> , 2023, 33, 7175-7184.	1.6	2

#	ARTICLE	IF	CITATIONS
8433	Additive cortical gray matter deficits in people living with HIV who use cocaine. <i>Journal of NeuroVirology</i> , 2023, 29, 53-64.	1.0	0
8434	Critical role of the ventral temporal lobe in naming. <i>Epilepsia</i> , 2023, 64, 1200-1213.	2.6	8
8435	Selectivity for food in human ventral visual cortex. <i>Communications Biology</i> , 2023, 6, .	2.0	14
8436	Longitudinal trajectories in negative symptoms and changes in brain cortical thickness: 10-year follow-up study. <i>British Journal of Psychiatry</i> , 0, , 1-10.	1.7	3
8437	Examining the Impact of Socioeconomic Position Across the Life Course on Cognitive Function and Brain Structure in Healthy Aging. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2023, 78, 890-901.	1.7	3
8438	The characteristics of brain structural remodeling in patients with unilateral vestibular schwannoma. <i>Journal of Neuro-Oncology</i> , 2023, 162, 79-91.	1.4	0
8439	Transferability of cathodal tDCS effects from the primary motor to the prefrontal cortex: A multimodal TMS-EEG study. <i>Brain Stimulation</i> , 2023, 16, 515-539.	0.7	3
8440	Development of Human Lateral Prefrontal Sulcal Morphology and Its Relation to Reasoning Performance. <i>Journal of Neuroscience</i> , 2023, 43, 2552-2567.	1.7	10
8442	Modulation of amygdala activity for emotional faces due to botulinum toxin type A injections that prevent frowning. <i>Scientific Reports</i> , 2023, 13, .	1.6	2
8443	THINGS-data, a multimodal collection of large-scale datasets for investigating object representations in human brain and behavior. <i>ELife</i> , 0, 12, .	2.8	16
8445	MRI Volumetric Analysis of the Hypothalamus and Limbic System across the Pediatric Age Span. <i>Children</i> , 2023, 10, 477.	0.6	0
8446	Transcranial magnetic stimulation to frontal but not occipital cortex disrupts endogenous attention. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2023, 120, .	3.3	14
8447	A tightly controlled fMRI dataset for receptive field mapping in human visual cortex. <i>Data in Brief</i> , 2023, 47, 109018.	0.5	1
8448	Subfield-specific longitudinal changes of hippocampal volumes in patients with early-stage bipolar disorder. <i>Bipolar Disorders</i> , 0, , .	1.1	0
8449	Early tau detection in flortaucipir images: validation in autopsy-confirmed data and implications for disease progression. <i>Alzheimer's Research and Therapy</i> , 2023, 15, .	3.0	4
8452	iBEAT V2.0: a multisite-applicable, deep learning-based pipeline for infant cerebral cortical surface reconstruction. <i>Nature Protocols</i> , 2023, 18, 1488-1509.	5.5	25
8453	Assessing Flexibility of Solution Strategy: Strategy Shifting as a Measure of Cognitive Reserve. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2023, 78, 977-986.	2.4	1
8454	Neurophysiological and other features of working memory in older adults at risk for dementia. <i>Cognitive Neurodynamics</i> , 0, , .	2.3	1

#	ARTICLE	IF	CITATIONS
8457	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
8459	Using graph theory as a common language to combine neural structure and function in models of healthy cognitive performance. <i>Human Brain Mapping</i> , 2023, 44, 3007-3022.	1.9	2
8460	Significant Acceleration of Regional Brain Aging and Atrophy After Mild Traumatic Brain Injury. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2023, 78, 1328-1338.	1.7	4
8461	Engaging in word recognition elicits highly specific modulations in visual cortex. <i>Current Biology</i> , 2023, 33, 1308-1320.e5.	1.8	9
8463	Subjective memory complaints are associated with decreased cortical thickness in Veterans with histories of mild traumatic brain injury. <i>Clinical Neuropsychologist</i> , 2023, 37, 1745-1765.	1.5	1
8465	High-resolution quantitative and functional MRI indicate lower myelination of thin and thick stripes in human secondary visual cortex. <i>ELife</i> , 0, 12, .	2.8	9
8466	Associations of mTBI and post-traumatic stress to amygdala structure and functional connectivity in military Service Members. , 0, 2, .		0
8467	Longitudinal changes in surface based brain morphometry measures in amnesic mild cognitive impairment and Alzheimer's Disease. <i>NeuroImage: Clinical</i> , 2023, 38, 103371.	1.4	1
8469	Larger cerebral cortex is genetically correlated with greater frontal area and dorsal thickness. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2023, 120, .	3.3	0
8471	Localized White Matter Tract Integrity Measured by Diffusion Tensor Imaging Is Altered in People with Mild Cognitive Impairment and Associated with Dual-Task and Single-Task Gait Speed. <i>Journal of Alzheimer's Disease</i> , 2023, 92, 1367-1384.	1.2	0
8472	Enhanced neural mechanisms of set shifting in musically trained adolescents and young adults: converging fMRI, EEG, and behavioral evidence. <i>Cerebral Cortex</i> , 2023, 33, 7237-7249.	1.6	2
8475	Evidence for embracing normative modeling. <i>ELife</i> , 0, 12, .	2.8	18
8477	ResAttn-recon: Residual self-attention based cortical surface reconstruction. <i>Frontiers in Physics</i> , 0, 11, .	1.0	0
8478	Detecting Cortical Thickness Changes in Epileptogenic Lesions Using Machine Learning. <i>Brain Sciences</i> , 2023, 13, 487.	1.1	1
8479	Acetazolamide-augmented BOLD MRI to Assess Whole-Brain Cerebrovascular Reactivity in Chronic Steno-occlusive Disease Using Principal Component Analysis. <i>Radiology</i> , 2023, 307, .	3.6	2
8483	No Differences in Auditory Steady-State Responses in Children with Autism Spectrum Disorder and Typically Developing Children. <i>Journal of Autism and Developmental Disorders</i> , 0, , .	1.7	0
8486	Spectrotemporal content of human auditory working memory represented in functional connectivity patterns. <i>Communications Biology</i> , 2023, 6, .	2.0	4
8487	Human brain effects of DMT assessed via EEG-fMRI. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2023, 120, .	3.3	47

#	ARTICLE	IF	CITATIONS
8488	Comparing retinotopic maps of children and adults reveals a late-stage change in how V1 samples the visual field. <i>Nature Communications</i> , 2023, 14, .	5.8	9
8489	Volumetric differences of thalamic nuclei in children with trisomy 21. <i>Neuroradiology Journal</i> , 0, , 197140092311661.	0.6	0
8490	Altered cerebral activities and functional connectivity in depression: a systematic review of fMRI studies. <i>Quantitative Biology</i> , 2022, 10, 366-380.	0.3	1
8491	Associations between everyday activities and arterial spin labeling-derived cerebral blood flow: A longitudinal study in community-dwelling elderly volunteers. <i>Human Brain Mapping</i> , 2023, 44, 3377-3393.	1.9	3
8492	Telomere length and brain imaging phenotypes in UK Biobank. <i>PLoS ONE</i> , 2023, 18, e0282363.	1.1	10
8493	Neural Correlates of Formal Thought Disorder Dimensions in Psychosis. <i>Schizophrenia Bulletin</i> , 2023, 49, S104-S114.	2.3	4
8494	Identifying causal subsequent memory effects. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2023, 120, .	3.3	3
8495	Epigenetic aging and PTSD outcomes in the immediate aftermath of trauma. <i>Psychological Medicine</i> , 2023, 53, 7170-7179.	2.7	2
8496	Analyzing structural and functional brain changes related to an integrative cognitive remediation program for schizophrenia: A randomized controlled trial. <i>Schizophrenia Research</i> , 2023, 255, 82-92.	1.1	1
8497	Thalamic nuclei changes in early and late onset Alzheimer's disease. <i>Current Research in Neurobiology</i> , 2023, 4, 100084.	1.1	4
8498	Spikiness and animacy as potential organizing principles of human ventral visual cortex. <i>Cerebral Cortex</i> , 2023, 33, 8194-8217.	1.6	6
8500	Relationship between function and structure in the visual cortex in healthy individuals and in patients with severe mental disorders. <i>Psychiatry Research - Neuroimaging</i> , 2023, 332, 111633.	0.9	0
8501	Flexible reuse of cortico-hippocampal representations during encoding and recall of naturalistic events. <i>Nature Communications</i> , 2023, 14, .	5.8	17
8503	Intrinsic activity development unfolds along a sensorimotor-association cortical axis in youth. <i>Nature Neuroscience</i> , 2023, 26, 638-649.	7.1	31
8504	Serum neurofilament light concentrations are associated with cortical thinning in anorexia nervosa. <i>Psychological Medicine</i> , 2023, 53, 7053-7061.	2.7	3
8505	Semantic Representations during Language Comprehension Are Affected by Context. <i>Journal of Neuroscience</i> , 2023, 43, 3144-3158.	1.7	5
8506	Longitudinal Modeling of Age-Dependent Latent Traits with Generalized Additive Latent and Mixed Models. <i>Psychometrika</i> , 0, , .	1.2	0
8507	Brainchop: In-browser MRI volumetric segmentation and rendering. <i>Journal of Open Source Software</i> , 2023, 8, 5098.	2.0	1

#	ARTICLE	IF	CITATIONS
8508	Human habit neural circuitry may be perturbed in eating disorders. <i>Science Translational Medicine</i> , 2023, 15, .	5.8	4
8509	Diaschisis Profiles in the Cerebellar Response to Hemodynamic Stimuli: Insights From Dynamic Measurement of Cerebrovascular Reactivity to Identify Occult and Transient Maxima. <i>Journal of Magnetic Resonance Imaging</i> , 2023, 58, 1462-1469.	1.9	2
8511	The presence, nature and network characteristics of behavioural phenotypes in temporal lobe epilepsy. <i>Brain Communications</i> , 2023, 5, .	1.5	2
8514	Hippocampal spatio-predictive cognitive maps adaptively guide reward generalization. <i>Nature Neuroscience</i> , 2023, 26, 615-626.	7.1	6
8515	PET Imaging for Alzheimer's Neuroanatomical Disease Diagnosis. , 2023, , .		0
8516	Effect of Enlarged Perivascular Spaces in Reliable Distinction of Prospective Targeting During Deep Brain Stimulation in Patients With Advanced Parkinson's Disease: A Study of Deterministic and Probabilistic Tractography. <i>Neurosurgery</i> , 2023, Publish Ahead of Print, .	0.6	0
8517	No difference in extra-axial cerebrospinal fluid volumes across neurodevelopmental and psychiatric conditions in later childhood and adolescence. <i>Journal of Neurodevelopmental Disorders</i> , 2023, 15, .	1.5	2
8518	Machine learning model to predict obesity using gut metabolite and brain microstructure data. <i>Scientific Reports</i> , 2023, 13, .	1.6	3
8519	Mediation of Reduced Hippocampal Volume by Cerebral Amyloid Angiopathy in Pathologically Confirmed Patients with Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2023, , 1-13.	1.2	1
8520	Severity related neuroanatomical and spontaneous functional activity alteration in adolescents with major depressive disorder. <i>Frontiers in Psychiatry</i> , 0, 14, .	1.3	2
8521	Probing multiple algorithms to calculate brain age: Examining reliability, relations with demographics, and predictive power. <i>Human Brain Mapping</i> , 2023, 44, 3481-3492.	1.9	4
8522	A novel methodology for exact targeting of human and non-human primate brain structures and skull implants using atlas-based 3D reconstruction. <i>Journal of Neuroscience Methods</i> , 2023, 391, 109851.	1.3	3
8523	Discussion of "LESAs: Longitudinal Elastic Shape Analysis of Brain Subcortical Structures". <i>Journal of the American Statistical Association</i> , 2023, 118, 20-21.	1.8	0
8524	Ultra-high field imaging, plasma markers and autopsy data uncover a specific rostral locus coeruleus vulnerability to hyperphosphorylated tau. <i>Molecular Psychiatry</i> , 2023, 28, 2412-2422.	4.1	4
8525	Quantifying numerical and spatial reliability of hippocampal and amygdala subdivisions in FreeSurfer. <i>Brain Informatics</i> , 2023, 10, .	1.8	6
8527	Functional relevance of the extrastriate body area for visual and haptic object recognition: a preregistered fMRI-guided TMS study. <i>Cerebral Cortex Communications</i> , 2023, 4, .	0.7	1
8528	Spatiotemporally distributed frontotemporal networks for sentence reading. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2023, 120, .	3.3	10
8530	A Phenome-Wide Association Study (PheWAS) of Late Onset Alzheimer Disease Genetic Risk in Children of European Ancestry at Middle Childhood: Results from the ABCD Study. <i>Behavior Genetics</i> , 2023, 53, 249-264.	1.4	0

#	ARTICLE	IF	CITATIONS
8532	Functional gradients of the medial parietal cortex in a healthy cohort with family history of sporadic Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2023, 15, .	3.0	0
8533	Alteration of surface morphology and core features in adolescents with borderline personality disorder. <i>Journal of Affective Disorders</i> , 2023, 333, 86-93.	2.0	1
8535	Evolution of cortical geometry and its link to function, behaviour and ecology. <i>Nature Communications</i> , 2023, 14, .	5.8	5
8536	Neuroanatomical restoration of salience network links reduced headache impact to cognitive function improvement in mild traumatic brain injury with posttraumatic headache. <i>Journal of Headache and Pain</i> , 2023, 24, .	2.5	4
8537	A Bivariate Twin Study of Cortical Surface Area and Verbal and Nonverbal Intellectual Skills in Adolescence. <i>Neuroscience</i> , 2023, , .	1.1	0
8538	Cortical thickness is related to cognitive-motor automaticity and attention allocation in individuals with Alzheimer's disease: a regions of interest study. <i>Experimental Brain Research</i> , 0, , .	0.7	0
8540	A gendered brain perspective from structure to brain interactions. , 2023, , 39-59.		0
8541	Cortical microstructural gradients capture memory network reorganization in temporal lobe epilepsy. <i>Brain</i> , 2023, 146, 3923-3937.	3.7	2
8542	Accurate Bayesian segmentation of thalamic nuclei using diffusion MRI and an improved histological atlas. <i>NeuroImage</i> , 2023, 274, 120129.	2.1	3
8572	Hand gesture decoding using ultra-high-density EEG. , 2023, , .		1
8575	Simultaneous PET and MR Imaging of the Human Brain. , 2023, , 1165-1201.		0
8583	Yoga Practitioners and Non-yoga Practitioners to Deal Neurodegenerative Disease in Neuro Regions. <i>Cognitive Technologies</i> , 2023, , 67-91.	0.5	0
8590	MeshDeform: Surface Reconstruction of Subcortical Structures via Human Brain MRI. <i>Lecture Notes in Computer Science</i> , 2023, , 536-547.	1.0	0
8637	Mania-related effects on structural brain changes in bipolar disorder – a narrative review of the evidence. <i>Molecular Psychiatry</i> , 2023, 28, 2674-2682.	4.1	4
8641	Cortical involvement in essential tremor with and without rest tremor: a machine learning study. <i>Journal of Neurology</i> , 2023, 270, 4004-4012.	1.8	2
8644	Computational Anatomy Going Beyond Brain Morphometry. <i>NeuroMethods</i> , 2023, , 119-132.	0.2	0
8647	Resting-State Functional Magnetic Resonance Imaging as a Method for the Study of Social Behavior in a Rodent Model. <i>NeuroMethods</i> , 2023, , 157-169.	0.2	0
8681	Auditory, Frontoparietal, and Somatomotor Networks Encode the Direction of Auditory Motion. , 2023, , .		0

#	ARTICLE	IF	CITATIONS
8709	Neuroimaging in Machine Learning for Brain Disorders. <i>Neuromethods</i> , 2023, , 253-284.	0.2	0
8728	Differentiating between common PSP phenotypes using structural MRI: a machine learning study. <i>Journal of Neurology</i> , 2023, 270, 5502-5515.	1.8	3
8751	Persistent hemiplegia with normal intraoperative neurophysiological monitoring in supratentorial neurosurgery: a case report and review of literature. <i>Neurological Sciences</i> , 0, , .	0.9	0
8757	Interactive effect of orthostatic hypotension on gray matter atrophy associated with hyposmia and RBD in de novo Parkinson's disease. <i>Journal of Neurology</i> , 0, , .	1.8	0
8758	MR Imaging of Neurodegeneration. , 2023, , 169-181.		0
8767	Multi-View Variational Autoencoders Allow for Interpretability Leveraging Digital Avatars: Application to the HBN Cohort. , 2023, , .		0
8784	Multimodal MRI study on the relation between WM integrity and connected GM atrophy and its effect on disability in early multiple sclerosis. <i>Journal of Neurology</i> , 0, , .	1.8	0
8815	How Can I Integrate iEEG Recordings with Patients' Brain Anatomy?. <i>Studies in Neuroscience, Psychology and Behavioral Economics</i> , 2023, , 435-449.	0.1	0
8821	Automated Modeling of Brain Bioelectric Activity Within the 3D Slicer Environment. , 2023, , 33-45.		0
8875	Language deficits in primary lateral sclerosis: cortical atrophy, white matter degeneration and functional disconnection between cerebral regions. <i>Journal of Neurology</i> , 0, , .	1.8	0
8880	Personalized Patch-Based Normality Assessment of Brain Atrophy in Alzheimer's Disease. <i>Lecture Notes in Computer Science</i> , 2023, , 55-62.	1.0	0
8882	SurfFlow: A Flow-Based Approach for Rapid and Accurate Cortical Surface Reconstruction from Infant Brain MRI. <i>Lecture Notes in Computer Science</i> , 2023, , 380-388.	1.0	0
8884	Robust Segmentation via Topology Violation Detection and Feature Synthesis. <i>Lecture Notes in Computer Science</i> , 2023, , 67-77.	1.0	0
8885	Cortical Analysis of Heterogeneous Clinical Brain MRI Scans for Large-Scale Neuroimaging Studies. <i>Lecture Notes in Computer Science</i> , 2023, , 35-45.	1.0	0
8886	Conditional Temporal Attention Networks for Neonatal Cortical Surface Reconstruction. <i>Lecture Notes in Computer Science</i> , 2023, , 312-322.	1.0	0
8947	Anatomical connectivity in children with developmental dyscalculia: A graph theory study. <i>Progress in Brain Research</i> , 2023, , 17-47.	0.9	0
8964	Structural brain heterogeneity underlying symptomatic and asymptomatic genetic dystonia: a multimodal MRI study. <i>Journal of Neurology</i> , 0, , .	1.8	0
8986	MEG. <i>Neuromethods</i> , 2024, , 157-180.	0.2	0



#	ARTICLE	IF	CITATIONS
9013	Dynamic Visualization of Gyral and Sulcal Stereoelectroencephalographic Contacts in Humans. , 2023, , .		0
9014	Dynamic transitions of functional brain connectivity during a working memory task. , 2023, , .		0
9019	Exercise habits and mental health: Exploring the significance of multimodal imaging markers. Progress in Brain Research, 2023, , .	0.9	0
9030	Neuroimaging correlates of postural instability in Parkinsonâ€™s disease. Journal of Neurology, 0, , .	1.8	0
9094	Exploring Hierarchical Changes in Functional Brain Network Hubs Through Brain-Activity Prediction with Convolutional Neural Networks. , 2023, , .		0
9107	FASSt: Filtering viaÂSymmetric Autoencoder forÂSpherical Superficial White Matter Tractography. Lecture Notes in Computer Science, 2023, , 129-139.	1.0	0
9127	Brain Neural Network Architectures in Sleep-Wake Cycle. Studies in Computational Intelligence, 2024, , 894-903.	0.7	0
9133	Evaluation of Segmentation Tools Applied to Epilepsy. IFMBE Proceedings, 2024, , 405-413.	0.2	0
9145	Big and deep data aggregation and analysis strategies for human neuroscience. , 2024, , .		0