

Todd B Parrish

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

191
papers

17,124
citations

69
h-index

129
g-index

209
ext. papers

19,184
ext. citations

5.5
avg, IF

6.27
L-index

#	Paper	IF	Citations
191	Multimodal Neural and Behavioral Data Predict Response to Rehabilitation in Chronic Poststroke Aphasia.. <i>Stroke</i> , 2022 , STROKEAHA121036749	6.7	2
190	Modulation of Brain Networks during MR-Compatible Transcranial Direct Current Stimulation.. <i>NeuroImage</i> , 2022 , 250, 118874	7.9	0
189	Advanced diffusion imaging to track progression in Parkinson's disease, multiple system atrophy, and progressive supranuclear palsy.. <i>NeuroImage: Clinical</i> , 2022 , 34, 103022	5.3	0
188	Predicting language recovery in post-stroke aphasia using behavior and functional MRI. <i>Scientific Reports</i> , 2021 , 11, 8419	4.9	4
187	An Exploration of Machine Learning Methods for Predicting Post-stroke Aphasia Recovery 2021 ,		1
186	Fatty infiltration in cervical flexors and extensors in patients with degenerative cervical myelopathy using a multi-muscle segmentation model. <i>PLoS ONE</i> , 2021 , 16, e0253863	3.7	2
185	Common and distinct neural substrates of sentence production and comprehension. <i>NeuroImage</i> , 2021 , 224, 117374	7.9	12
184	microRNA let-7i-5p mediates the relationship between muscle fat infiltration and neck pain disability following motor vehicle collision: a preliminary study. <i>Scientific Reports</i> , 2021 , 11, 3140	4.9	1
183	Geometric deep learning on brain shape predicts sex and age. <i>Computerized Medical Imaging and Graphics</i> , 2021 , 91, 101939	7.6	1
182	Resting-State Functional Connectivity of the Central Executive Network Moderates the Relationship Between Neighborhood Violence and Proinflammatory Phenotype in Children. <i>Biological Psychiatry</i> , 2021 , 90, 165-172	7.9	2
181	Open-access quantitative MRI data of the spinal cord and reproducibility across participants, sites and manufacturers. <i>Scientific Data</i> , 2021 , 8, 219	8.2	6
180	Multi-muscle deep learning segmentation to automate the quantification of muscle fat infiltration in cervical spine conditions. <i>Scientific Reports</i> , 2021 , 11, 16567	4.9	5
179	Generic acquisition protocol for quantitative MRI of the spinal cord. <i>Nature Protocols</i> , 2021 , 16, 4611-4632	8.8	11
178	The effects of a simulated fMRI environment on voice intensity in individuals with Parkinson's disease hypophonia and older healthy adults. <i>Journal of Communication Disorders</i> , 2021 , 94, 106149	1.9	1
177	Muscle fat infiltration following whiplash: A computed tomography and magnetic resonance imaging comparison. <i>PLoS ONE</i> , 2020 , 15, e0234061	3.7	5
176	Brain Network Disruption in Whiplash. <i>American Journal of Neuroradiology</i> , 2020 , 41, 994-1000	4.4	4
175	Cumulative Blood Pressure Exposure, Basal Ganglia, and Thalamic Morphology in Midlife. <i>Hypertension</i> , 2020 , 75, 1289-1295	8.5	10

174	Assessing the spatial distribution of cervical spinal cord activity during tactile stimulation of the upper extremity in humans with functional magnetic resonance imaging. <i>NeuroImage</i> , 2020 , 217, 116905-11704	7.9	4
173	Differential neurocognitive network perturbation in amnesic and aphasic Alzheimer disease. <i>Neurology</i> , 2020 , 94, e699-e704	6.5	5
172	Outward subcortical curvature associated with sub-clinical depression symptoms in adolescents. <i>NeuroImage: Clinical</i> , 2020 , 25, 102187	5.3	4
171	A machine learning approach for predicting post-stroke aphasia recovery 2020 ,		2
170	Macromolecular changes in spinal cord white matter characterize whiplash outcome at 1-year post motor vehicle collision. <i>Scientific Reports</i> , 2020 , 10, 22221	4.9	0
169	Interpretation of Brain Morphology in Association to Alzheimer's Disease Dementia Classification Using Graph Convolutional Networks on Triangulated Meshes. <i>Lecture Notes in Computer Science</i> , 2020 , 12474, 95-107	0.9	0
168	A Pilot Trial Examining the Merits of Combining Amantadine and Repetitive Transcranial Magnetic Stimulation as an Intervention for Persons With Disordered Consciousness After TBI. <i>Journal of Head Trauma Rehabilitation</i> , 2020 , 35, 371-387	3	4
167	Subcortical structural variations associated with low socioeconomic status in adolescents. <i>Human Brain Mapping</i> , 2020 , 41, 162-171	5.9	21
166	Cultural influences on neural systems of intergroup emotion perception: An fMRI study. <i>Neuropsychologia</i> , 2020 , 137, 107254	3.2	4
165	Magnetic Resonance Imaging Atlas-Based Volumetric Mapping of the Cervical Cord Gray Matter in Cervical Canal Stenosis. <i>World Neurosurgery</i> , 2020 , 134, e497-e504	2.1	3
164	Neural Connectivity Changes Facilitated by Familiar Auditory Sensory Training in Disordered Consciousness: A TBI Pilot Study. <i>Frontiers in Neurology</i> , 2020 , 11, 1027	4.1	3
163	Evidence for Immediate Enhancement of Hippocampal Memory Encoding by Network-Targeted Theta-Burst Stimulation during Concurrent fMRI. <i>Journal of Neuroscience</i> , 2020 , 40, 7155-7168	6.6	27
162	Phantom validation of quantitative susceptibility and dynamic contrast-enhanced permeability MR sequences across instruments and sites. <i>Journal of Magnetic Resonance Imaging</i> , 2020 , 51, 1192-1199	5.6	4
161	Does Overall Cervical Spine Pathology Relate to the Clinical Heterogeneity of Chronic Whiplash?. <i>American Journal of Emergency Medicine</i> , 2020 , 38, 869-873	2.9	6
160	Reliability of BOLD signals in chronic stroke-induced aphasia. <i>European Journal of Neuroscience</i> , 2020 , 52, 3963-3978	3.5	2
159	Development and Validation of the Automated Imaging Differentiation in Parkinsonism (AID-P): A Multi-Site Machine Learning Study. <i>The Lancet Digital Health</i> , 2019 , 1, e222-e231	14.4	27
158	Development of 3D method to assess intramuscular spatial distribution of fat infiltration in patients with rotator cuff tear: reliability and concurrent validity. <i>BMC Musculoskeletal Disorders</i> , 2019 , 20, 295	2.8	7
157	Deep Learning Convolutional Neural Networks for the Automatic Quantification of Muscle Fat Infiltration Following Whiplash Injury. <i>Scientific Reports</i> , 2019 , 9, 7973	4.9	28

156	Cutting to the Pathophysiology Chase: Translating Cutting-Edge Neuroscience to Rehabilitation Practice in Sports-Related Concussion Management. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2019 , 49, 811-818	4.2	2
155	Neurocognitive correlates of category ambiguous verb processing: The single versus dual lexical entry hypotheses. <i>Brain and Language</i> , 2019 , 194, 65-76	2.9	2
154	Higher Peripheral Inflammatory Signaling Associated With Lower Resting-State Functional Brain Connectivity in Emotion Regulation and Central Executive Networks. <i>Biological Psychiatry</i> , 2019 , 86, 1537-1542	7.0	41
153	Neurite orientation dispersion and density imaging (NODDI) and free-water imaging in Parkinsonism. <i>Human Brain Mapping</i> , 2019 , 40, 5094-5107	5.9	30
152	Motor vehicle crash reconstruction: Does it relate to the heterogeneity of whiplash recovery?. <i>PLoS ONE</i> , 2019 , 14, e0225686	3.7	0
151	Neuroimaging modality fusion in Alzheimer's classification using convolutional neural networks. <i>PLoS ONE</i> , 2019 , 14, e0225759	3.7	23
150	Optimizing methods to quantify intramuscular fat in rotator cuff tears with normalization. <i>Skeletal Radiology</i> , 2019 , 48, 1111-1118	2.7	3
149	Tract-Specific Volume Loss on 3T MRI in Patients With Cervical Spondylotic Myelopathy. <i>Spine</i> , 2018 , 43, E1204-E1209	3.3	9
148	Lateral Corticospinal Tract Damage Correlates With Motor Output in Incomplete Spinal Cord Injury. <i>Archives of Physical Medicine and Rehabilitation</i> , 2018 , 99, 660-666	2.8	18
147	High-resolution magnetization transfer MRI in patients with cervical spondylotic myelopathy. <i>Journal of Clinical Neuroscience</i> , 2018 , 51, 57-61	2.2	3
146	Altered resting-state functional connectivity of the putamen and internal globus pallidus is related to speech impairment in Parkinson's disease. <i>Brain and Behavior</i> , 2018 , 8, e01073	3.4	17
145	Regional Cerebrovascular Reactivity and Cognitive Performance in Healthy Aging. <i>Journal of Experimental Neuroscience</i> , 2018 , 12, 1179069518785151	3.6	21
144	Application of IR thermometry to understanding brain function 2018 ,		1
143	Thermal Stimulation Alters Cervical Spinal Cord Functional Connectivity in Humans. <i>Neuroscience</i> , 2018 , 369, 40-50	3.9	18
142	Quantitative Magnetization Transfer MRI Measurements of the Anterior Spinal Cord Region are Associated With Clinical Outcomes in Cervical Spondylotic Myelopathy. <i>Spine</i> , 2018 , 43, 675-680	3.3	15
141	Functional connectivity in central executive network protects youth against cardiometabolic risks linked with neighborhood violence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 12063-12068	11.5	26
140	Short- and long-term reproducibility of diffusion-weighted magnetic resonance imaging of lower extremity musculature in asymptomatic individuals and a comparison to individuals with spinal cord injury. <i>BMC Musculoskeletal Disorders</i> , 2018 , 19, 433	2.8	2
139	Fatty infiltration of the cervical multifidus musculature and their clinical correlates in spondylotic myelopathy. <i>Journal of Clinical Neuroscience</i> , 2018 , 57, 208-213	2.2	14

138	An investigation of cerebral oxygen utilization, blood flow and cognition in healthy aging. <i>PLoS ONE</i> , 2018 , 13, e0197055	3.7	25
137	HIV disease and diabetes interact to affect brain white matter hyperintensities and cognition. <i>Aids</i> , 2018 , 32, 1803-1810	3.5	14
136	Right Hemisphere Grey Matter Volume and Language Functions in Stroke Aphasia. <i>Neural Plasticity</i> , 2017 , 2017, 5601509	3.3	15
135	Intrahemispheric Perfusion in Chronic Stroke-Induced Aphasia. <i>Neural Plasticity</i> , 2017 , 2017, 2361691	3.3	14
134	Lateralization of cervical spinal cord activity during an isometric upper extremity motor task with functional magnetic resonance imaging. <i>NeuroImage</i> , 2016 , 125, 233-243	7.9	25
133	Epidural Electrical Stimulation for Stroke Rehabilitation: Results of the Prospective, Multicenter, Randomized, Single-Blinded Everest Trial. <i>Neurorehabilitation and Neural Repair</i> , 2016 , 30, 107-19	4.7	98
132	A deep symmetry convnet for stroke lesion segmentation 2016 ,		15
131	Functional magnetic resonance imaging of the cervical spinal cord during thermal stimulation across consecutive runs. <i>NeuroImage</i> , 2016 , 143, 267-279	7.9	13
130	Cultural influences on neural basis of inhibitory control. <i>NeuroImage</i> , 2016 , 139, 114-126	7.9	16
129	The Northwestern University Neuroimaging Data Archive (NUNDA). <i>NeuroImage</i> , 2016 , 124, 1131-1136	7.9	16
128	Body-Machine Interfaces after Spinal Cord Injury: Rehabilitation and Brain Plasticity. <i>Brain Sciences</i> , 2016 , 6,	3.4	13
127	Multisite, multimodal neuroimaging of chronic urological pelvic pain: Methodology of the MAPP Research Network. <i>NeuroImage: Clinical</i> , 2016 , 12, 65-77	5.3	24
126	Potential associations between chronic whiplash and incomplete spinal cord injury. <i>Spinal Cord Series and Cases</i> , 2015 , 1,	1.4	21
125	The Rapid and Progressive Degeneration of the Cervical Multifidus in Whiplash: An MRI Study of Fatty Infiltration. <i>Spine</i> , 2015 , 40, E694-700	3.3	72
124	Parsimonious continuous time random walk models and kurtosis for diffusion in magnetic resonance of biological tissue. <i>Frontiers in Physics</i> , 2015 , 3,	3.9	15
123	Effects of acute levodopa challenge on resting cerebral blood flow in Parkinson's Disease patients assessed using pseudo-continuous arterial spin labeling. <i>PeerJ</i> , 2015 , 3, e1381	3.1	13
122	Placebo-Controlled Trial of Familiar Auditory Sensory Training for Acute Severe Traumatic Brain Injury: A Preliminary Report. <i>Neurorehabilitation and Neural Repair</i> , 2015 , 29, 537-47	4.7	37
121	An investigation of diffusion imaging techniques in the evaluation of spinocerebellar ataxia and multisystem atrophy. <i>Journal of Clinical Neuroscience</i> , 2015 , 22, 166-72	2.2	4

120	Alterations in brain activation during cognitive empathy are related to social functioning in schizophrenia. <i>Schizophrenia Bulletin</i> , 2015 , 41, 211-22	1.3	36
119	Decoding multiple sound categories in the human temporal cortex using high resolution fMRI. <i>PLoS ONE</i> , 2015 , 10, e0117303	3.7	10
118	Imaging modalities and tests for cervical myelopathy. <i>Seminars in Spine Surgery</i> , 2014 , 26, 68-72	0.2	5
117	Letter to the editor regarding Smuck M, Cristostomo RA, Demirjian R, et al. Morphologic change in the lumbar spine after lumbar medial branch radiofrequency neurotomy: a quantitative radiological study. <i>Spine Journal</i> , 2014 , 14, 1088-9	4	2
116	A simple ERP method for quantitative analysis of cognitive workload in myoelectric prosthesis control and human-machine interaction. <i>PLoS ONE</i> , 2014 , 9, e112091	3.7	33
115	New Insights into the Fractional Order Diffusion Equation Using Entropy and Kurtosis. <i>Entropy</i> , 2014 , 16, 5838-5852	2.8	21
114	Muscle-fat MRI: 1.5 Tesla and 3.0 Tesla versus histology. <i>Muscle and Nerve</i> , 2014 , 50, 170-6	3.4	63
113	Mechanisms underlying chronic whiplash: contributions from an incomplete spinal cord injury?. <i>Pain Medicine</i> , 2014 , 15, 1938-44	2.8	17
112	White matter microstructure changes induced by motor skill learning utilizing a body machine interface. <i>NeuroImage</i> , 2014 , 88, 32-40	7.9	27
111	Functional neuronal network activity differs with cognitive dysfunction in childhood-onset systemic lupus erythematosus. <i>Arthritis Research and Therapy</i> , 2013 , 15, R40	5.7	18
110	Neural correlates of sexual arousal in heterosexual and homosexual women and men. <i>Hormones and Behavior</i> , 2013 , 64, 673-84	3.7	51
109	Distinct medial temporal contributions to different forms of recognition in amnesic mild cognitive impairment and Alzheimer's disease. <i>Neuropsychologia</i> , 2013 , 51, 2450-61	3.2	30
108	Quantification of cervical spine muscle fat: a comparison between T1-weighted and multi-echo gradient echo imaging using a variable projection algorithm (VARPRO). <i>BMC Medical Imaging</i> , 2013 , 13, 30	2.9	28
107	Cultural modulation of the neural correlates of emotional pain perception: the role of other-focusedness. <i>Neuropsychologia</i> , 2013 , 51, 1177-86	3.2	43
106	Content not quantity is a better measure of muscle degeneration in whiplash. <i>Manual Therapy</i> , 2013 , 18, 578-82		17
105	Neuroimaging in aphasia treatment research: consensus and practical guidelines for data analysis. <i>NeuroImage</i> , 2013 , 73, 215-24	7.9	39
104	Brain morphometric changes associated with childhood-onset systemic lupus erythematosus and neurocognitive deficit. <i>Arthritis and Rheumatism</i> , 2013 , 65, 2190-200		18
103	Transcranial direct current stimulation and aphasia: the case of mr. C. <i>Topics in Stroke Rehabilitation</i> , 2013 , 20, 5-21	2.6	10

102	Preliminary framework for Familiar Auditory Sensory Training (FAST) provided during coma recovery. <i>Journal of Rehabilitation Research and Development</i> , 2012 , 49, 1137-52		17
101	Reproducibility of structural, resting-state BOLD and DTI data between identical scanners. <i>PLoS ONE</i> , 2012 , 7, e47684	3.7	27
100	Cultural influences on neural basis of intergroup empathy. <i>NeuroImage</i> , 2011 , 57, 642-50	7.9	145
99	Neural correlates of skill acquisition: decreased cortical activity during a serial interception sequence learning task. <i>NeuroImage</i> , 2011 , 58, 1150-7	7.9	62
98	Hybridization-induced "off-on" ¹⁹ F-NMR signal probe release from DNA-functionalized gold nanoparticles. <i>Small</i> , 2011 , 7, 1977-81	11	19
97	Abnormalities in resting-state functional connectivity in early human immunodeficiency virus infection. <i>Brain Connectivity</i> , 2011 , 1, 207-17	2.7	75
96	Anatomical and functional assemblies of brain BOLD oscillations. <i>Journal of Neuroscience</i> , 2011 , 31, 7910-6	6.9	186
95	Dynamic cultural influences on neural representations of the self. <i>Journal of Cognitive Neuroscience</i> , 2010 , 22, 1-11	3.1	223
94	EEG measures index neural and cognitive recovery from sleep deprivation. <i>Journal of Neuroscience</i> , 2010 , 30, 2686-93	6.6	26
93	Theory and methods in cultural neuroscience. <i>Social Cognitive and Affective Neuroscience</i> , 2010 , 5, 356-61	4	60
92	Right orbitofrontal cortex mediates conscious olfactory perception. <i>Psychological Science</i> , 2010 , 21, 1454-63	4.9	106
91	Identification of critical areas for motor function recovery in chronic stroke subjects using voxel-based lesion symptom mapping. <i>NeuroImage</i> , 2010 , 49, 9-18	7.9	60
90	Neural plasticity and treatment-induced recovery of sentence processing in agrammatism. <i>Neuropsychologia</i> , 2010 , 48, 3211-27	3.2	79
89	A brain mechanism for facilitation of insight by positive affect. <i>Journal of Cognitive Neuroscience</i> , 2009 , 21, 415-32	3.1	201
88	Relating structure to function: Heschl's gyrus and acoustic processing. <i>Journal of Neuroscience</i> , 2009 , 29, 61-9	6.6	141
87	Neural representations of social status hierarchy in human inferior parietal cortex. <i>Neuropsychologia</i> , 2009 , 47, 354-63	3.2	144
86	Selective neurophysiologic responses to music in instrumentalists with different listening biographies. <i>Human Brain Mapping</i> , 2009 , 30, 267-75	5.9	119
85	Neural basis of individualistic and collectivistic views of self. <i>Human Brain Mapping</i> , 2009 , 30, 2813-20	5.9	215

84	Argument structure effects in action verb naming in static and dynamic conditions. <i>Journal of Neurolinguistics</i> , 2009 , 22, 196-215	1.9	80
83	Caffeine's effects on cerebrovascular reactivity and coupling between cerebral blood flow and oxygen metabolism. <i>NeuroImage</i> , 2009 , 44, 647-52	7.9	79
82	Caffeine dose effect on activation-induced BOLD and CBF responses. <i>NeuroImage</i> , 2009 , 46, 577-83	7.9	82
81	Sleep deprivation alters functioning within the neural network underlying the covert orienting of attention. <i>Brain Research</i> , 2008 , 1217, 148-56	3.7	36
80	The brain in chronic CRPS pain: abnormal gray-white matter interactions in emotional and autonomic regions. <i>Neuron</i> , 2008 , 60, 570-81	13.9	372
79	Aversive learning enhances perceptual and cortical discrimination of indiscriminable odor cues. <i>Science</i> , 2008 , 319, 1842-5	33.3	249
78	Inferences during story comprehension: cortical recruitment affected by predictability of events and working memory capacity. <i>Journal of Cognitive Neuroscience</i> , 2008 , 20, 2274-84	3.1	48
77	Familiarity and conceptual priming engage distinct cortical networks. <i>Cerebral Cortex</i> , 2008 , 18, 1712-9	5.1	42
76	Volume of left Heschl's Gyrus and linguistic pitch learning. <i>Cerebral Cortex</i> , 2008 , 18, 828-36	5.1	153
75	Cortical mechanisms of speech perception in noise. <i>Journal of Speech, Language, and Hearing Research</i> , 2008 , 51, 1026-41	2.8	98
74	Neural correlates of verb argument structure processing. <i>Journal of Cognitive Neuroscience</i> , 2007 , 19, 1753-67	3.1	141
73	Neural characteristics of successful and less successful speech and word learning in adults. <i>Human Brain Mapping</i> , 2007 , 28, 995-1006	5.9	160
72	A method to capture six-degrees-of-freedom mechanical measurements of isometric shoulder and elbow torques during event-related fMRI. <i>Journal of Neuroscience Methods</i> , 2007 , 161, 314-22	3	7
71	Altered effective connectivity within the language network in primary progressive aphasia. <i>Journal of Neuroscience</i> , 2007 , 27, 1334-45	6.6	114
70	Predicting functional gains in a stroke trial. <i>Stroke</i> , 2007 , 38, 2108-14	6.7	105
69	Neural correlates of sexual arousal in homosexual and heterosexual men. <i>Behavioral Neuroscience</i> , 2007 , 121, 237-48	2.1	96
68	Hemodynamic response function in patients with stroke-induced aphasia: implications for fMRI data analysis. <i>NeuroImage</i> , 2007 , 36, 322-31	7.9	118
67	Neural activity of inferences during story comprehension. <i>Brain Research</i> , 2006 , 1084, 104-14	3.7	90

66	Chronic pain and the emotional brain: specific brain activity associated with spontaneous fluctuations of intensity of chronic back pain. <i>Journal of Neuroscience</i> , 2006 , 26, 12165-73	6.6	510
65	The prepared mind: neural activity prior to problem presentation predicts subsequent solution by sudden insight. <i>Psychological Science</i> , 2006 , 17, 882-90	7.9	242
64	Learning to smell the roses: experience-dependent neural plasticity in human piriform and orbitofrontal cortices. <i>Neuron</i> , 2006 , 52, 1097-108	13.9	134
63	Lumbosacral cerebrospinal fluid volume in humans using three-dimensional magnetic resonance imaging. <i>Anesthesia and Analgesia</i> , 2006 , 103, 1306-10	3.9	46
62	Proper masking to show the true activation. <i>American Journal of Neuroradiology</i> , 2006 , 27, 247-9; author reply 249	4.4	1
61	Language network specializations: an analysis with parallel task designs and functional magnetic resonance imaging. <i>NeuroImage</i> , 2005 , 26, 975-85	7.9	140
60	Larger deficits in brain networks for response inhibition than for visual selective attention in attention deficit hyperactivity disorder (ADHD). <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2005 , 46, 94-111	7.9	246
59	Functional magnetic resonance imaging of real and sham acupuncture. Noninvasively measuring cortical activation from acupuncture. <i>IEEE Engineering in Medicine and Biology Magazine</i> , 2005 , 24, 35-40		24
58	Priming effects in the fusiform gyrus: changes in neural activity beyond the second presentation. <i>Cerebral Cortex</i> , 2005 , 15, 787-95	5.1	23
57	Monetary incentives enhance processing in brain regions mediating top-down control of attention. <i>Cerebral Cortex</i> , 2005 , 15, 1855-65	5.1	207
56	Simultaneous assessment of motor and language areas with a single functional MR imaging paradigm: feasibility. <i>Radiology</i> , 2005 , 236, 655-60	20.5	1
55	Experience-dependent neural integration of taste and smell in the human brain. <i>Journal of Neurophysiology</i> , 2004 , 92, 1892-903	3.2	301
54	Chronic back pain is associated with decreased prefrontal and thalamic gray matter density. <i>Journal of Neuroscience</i> , 2004 , 24, 10410-5	6.6	993
53	Neural evidence that vivid imagining can lead to false remembering. <i>Psychological Science</i> , 2004 , 15, 655-60		96
52	Brain-behavior correlation in children depends on the neurocognitive network. <i>Human Brain Mapping</i> , 2004 , 23, 99-108	5.9	22
51	Development of brain mechanisms for processing orthographic and phonologic representations. <i>Journal of Cognitive Neuroscience</i> , 2004 , 16, 1234-49	3.1	186
50	Dissociating explicit and implicit category knowledge with fMRI. <i>Journal of Cognitive Neuroscience</i> , 2003 , 15, 574-83	3.1	120
49	Brain networks for analyzing eye gaze. <i>Cognitive Brain Research</i> , 2003 , 17, 406-18		169

48	Relation between brain activation and lexical performance. <i>Human Brain Mapping</i> , 2003 , 19, 155-69	5.9	113
47	Primary progressive aphasia: PPA and the language network. <i>Annals of Neurology</i> , 2003 , 53, 35-49	9.4	115
46	The posterior cingulate and medial prefrontal cortex mediate the anticipatory allocation of spatial attention. <i>NeuroImage</i> , 2003 , 18, 633-41	7.9	256
45	Neural development of selective attention and response inhibition. <i>NeuroImage</i> , 2003 , 20, 737-51	7.9	263
44	Dissociation of neural representation of intensity and affective valuation in human gustation. <i>Neuron</i> , 2003 , 39, 701-11	13.9	623
43	Modality-specific and -independent developmental differences in the neural substrate for lexical processing. <i>Journal of Neurolinguistics</i> , 2003 , 16, 383-405	1.9	59
42	Neural correlates of person recognition. <i>Learning and Memory</i> , 2003 , 10, 253-60	2.8	72
41	Reorganization of cortical language areas in patients with aphasia: a functional MRI study. <i>Yonsei Medical Journal</i> , 2002 , 43, 441-5	3	18
40	Modality independence of word comprehension. <i>Human Brain Mapping</i> , 2002 , 16, 251-61	5.9	195
39	Functional changes in temporal lobe activity during transient global amnesia. <i>Neurology</i> , 2002 , 58, 638-46.5	4.5	24
38	On the use of caffeine as a contrast booster for BOLD fMRI studies. <i>NeuroImage</i> , 2002 , 15, 37-44	7.9	145
37	Functional anatomy of visual search: regional segregations within the frontal eye fields and effective connectivity of the superior colliculus. <i>NeuroImage</i> , 2002 , 15, 970-82	7.9	110
36	Functional anatomy of intra- and cross-modal lexical tasks. <i>NeuroImage</i> , 2002 , 16, 7-22	7.9	254
35	Neural correlates of artificial grammar learning. <i>NeuroImage</i> , 2002 , 17, 1306-14	7.9	65
34	Neural correlates of successful encoding identified using functional magnetic resonance imaging. <i>Journal of Neuroscience</i> , 2002 , 22, 9541-8	6.6	112
33	Hemodynamic response changes in cerebrovascular disease: implications for functional MR imaging. <i>American Journal of Neuroradiology</i> , 2002 , 23, 1222-8	4.4	78
32	Hunger selectively modulates corticolimbic activation to food stimuli in humans. <i>Behavioral Neuroscience</i> , 2001 , 115, 493-500	2.1	349
31	Correlation of functional MRI with intraoperative cortical mapping in patient with cerebral arteriovenous malformation. <i>Journal of the American College of Surgeons</i> , 2001 , 192, 793	4.4	2

30	The development of specialized brain systems in reading and oral-language. <i>Child Neuropsychology</i> , 2001 , 7, 119-41	2.7	95
29	Heterogeneity of cingulate contributions to spatial attention. <i>NeuroImage</i> , 2001 , 13, 1065-72	7.9	145
28	Location- or feature-based targeting of peripheral attention. <i>NeuroImage</i> , 2001 , 14, 37-47	7.9	67
27	Functional specificity of superior parietal mediation of spatial shifting. <i>NeuroImage</i> , 2001 , 14, 661-73	7.9	195
26	Context dependency in the globus pallidus internal segment during targeted arm movements. <i>Journal of Neurophysiology</i> , 2001 , 85, 998-1004	3.2	35
25	Impact of signal-to-noise on functional MRI of the human amygdala. <i>NeuroReport</i> , 2001 , 12, 3461-4	1.7	84
24	Hybrid technique for dynamic imaging. <i>Magnetic Resonance in Medicine</i> , 2000 , 44, 51-5	4.4	17
23	Impact of signal-to-noise on functional MRI. <i>Magnetic Resonance in Medicine</i> , 2000 , 44, 925-32	4.4	197
22	Displacement of hand representation to the contralateral hemisphere may predict neurologic recovery after arteriovenous malformation resection from the sensorimotor cortex. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2000 , 9, 246-249	2.8	3
21	Real-time monitoring of eye movements using infrared video-oculography during functional magnetic resonance imaging of the frontal eye fields. <i>NeuroImage</i> , 2000 , 11, 58-65	7.9	54
20	Relationship of elevated ²³ Na magnetic resonance image intensity to infarct size after acute reperfused myocardial infarction. <i>Circulation</i> , 1999 , 100, 185-92	16.7	110
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2	Evidence for immediate enhancement of hippocampal memory encoding by network-targeted theta-burst stimulation during concurrent fMRI		1
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