

Todd B Parrish

List of Publications by Year in descending order

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197
papers

20,769
citations

9756

73
h-index

10424

139
g-index

209
all docs

209
docs citations

209
times ranked

20137
citing authors

#	ARTICLE	IF	CITATIONS
1	Relationship of MRI Delayed Contrast Enhancement to Irreversible Injury, Infarct Age, and Contractile Function. <i>Circulation</i> , 1999, 100, 1992-2002.	1.6	2,310
2	Chronic Back Pain Is Associated with Decreased Prefrontal and Thalamic Gray Matter Density. <i>Journal of Neuroscience</i> , 2004, 24, 10410-10415.	1.7	1,223
3	Dissociation of Neural Representation of Intensity and Affective Valuation in Human Gustation. <i>Neuron</i> , 2003, 39, 701-711.	3.8	707
4	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, 12165-12173.	1.7	630
5	A large-scale distributed network for covert spatial attention. <i>Brain</i> , 1999, 122, 1093-1106.	3.7	606
6	Neuroanatomic Overlap of Working Memory and Spatial Attention Networks: A Functional MRI Comparison within Subjects. <i>NeuroImage</i> , 1999, 10, 695-704.	2.1	482
7	The Brain in Chronic CRPS Pain: Abnormal Gray-White Matter Interactions in Emotional and Autonomic Regions. <i>Neuron</i> , 2008, 60, 570-581.	3.8	440
8	Retrospective estimation and correction of physiological fluctuation in functional MRI. <i>Magnetic Resonance in Medicine</i> , 1995, 34, 201-212.	1.9	439
9	Hunger selectively modulates corticolimbic activation to food stimuli in humans.. <i>Behavioral Neuroscience</i> , 2001, 115, 493-500.	0.6	385
10	The Prepared Mind. <i>Psychological Science</i> , 2006, 17, 882-890.	1.8	347
11	Experience-Dependent Neural Integration of Taste and Smell in the Human Brain. <i>Journal of Neurophysiology</i> , 2004, 92, 1892-1903.	0.9	334
12	The Large-Scale Neural Network for Spatial Attention Displays Multifunctional Overlap But Differential Asymmetry. <i>NeuroImage</i> , 1999, 9, 269-277.	2.1	319
13	Neural development of selective attention and response inhibition. <i>NeuroImage</i> , 2003, 20, 737-751.	2.1	300
14	Functional Anatomy of Intra- and Cross-Modal Lexical Tasks. <i>NeuroImage</i> , 2002, 16, 7-22.	2.1	294
15	The posterior cingulate and medial prefrontal cortex mediate the anticipatory allocation of spatial attention. <i>NeuroImage</i> , 2003, 18, 633-641.	2.1	291
16	Aversive Learning Enhances Perceptual and Cortical Discrimination of Indiscriminable Odor Cues. <i>Science</i> , 2008, 319, 1842-1845.	6.0	285
17	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.	3.1	280
18	Dynamic Cultural Influences on Neural Representations of the Self. <i>Journal of Cognitive Neuroscience</i> , 2010, 22, 1-11.	1.1	260

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19	A Brain Mechanism for Facilitation of Insight by Positive Affect. <i>Journal of Cognitive Neuroscience</i> , 2009, 21, 415-432.	1.1	255
20	Neural basis of individualistic and collectivistic views of self. <i>Human Brain Mapping</i> , 2009, 30, 2813-2820.	1.9	255
21	Impact of signal-to-noise on functional MRI. <i>Magnetic Resonance in Medicine</i> , 2000, 44, 925-932.	1.9	240
22	Anatomical and Functional Assemblies of Brain BOLD Oscillations. <i>Journal of Neuroscience</i> , 2011, 31, 7910-7919.	1.7	239
23	Monetary Incentives Enhance Processing in Brain Regions Mediating Top-down Control of Attention. <i>Cerebral Cortex</i> , 2005, 15, 1855-1865.	1.6	228
24	Modality independence of word comprehension. <i>Human Brain Mapping</i> , 2002, 16, 251-261.	1.9	218
25	Development of Brain Mechanisms for Processing Orthographic and Phonologic Representations. <i>Journal of Cognitive Neuroscience</i> , 2004, 16, 1234-1249.	1.1	215
26	Functional Specificity of Superior Parietal Mediation of Spatial Shifting. <i>NeuroImage</i> , 2001, 14, 661-673.	2.1	213
27	Neural characteristics of successful and less successful speech and word learning in adults. <i>Human Brain Mapping</i> , 2007, 28, 995-1006.	1.9	199
28	Brain networks for analyzing eye gaze. <i>Cognitive Brain Research</i> , 2003, 17, 406-418.	3.3	195
29	Relating Structure to Function: Heschl's Gyrus and Acoustic Processing. <i>Journal of Neuroscience</i> , 2009, 29, 61-69.	1.7	193
30	Cultural influences on neural basis of intergroup empathy. <i>NeuroImage</i> , 2011, 57, 642-650.	2.1	190
31	Volume of Left Heschl's Gyrus and Linguistic Pitch Learning. <i>Cerebral Cortex</i> , 2008, 18, 828-836.	1.6	184
32	Contrast Magnetic Resonance Imaging in the Assessment of Myocardial Viability in Patients With Stable Coronary Artery Disease and Left Ventricular Dysfunction. <i>Circulation</i> , 1998, 98, 2687-2694.	1.6	175
33	Neural representations of social status hierarchy in human inferior parietal cortex. <i>Neuropsychologia</i> , 2009, 47, 354-363.	0.7	173
34	Neural Correlates of Verb Argument Structure Processing. <i>Journal of Cognitive Neuroscience</i> , 2007, 19, 1753-1767.	1.1	167
35	Learning to Smell the Roses: Experience-Dependent Neural Plasticity in Human Piriform and Orbitofrontal Cortices. <i>Neuron</i> , 2006, 52, 1097-1108.	3.8	165
36	On the Use of Caffeine as a Contrast Booster for BOLD fMRI Studies. <i>NeuroImage</i> , 2002, 15, 37-44.	2.1	163

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37	Heterogeneity of Cingulate Contributions to Spatial Attention. <i>NeuroImage</i> , 2001, 13, 1065-1072.	2.1	155
38	Language network specializations: An analysis with parallel task designs and functional magnetic resonance imaging. <i>NeuroImage</i> , 2005, 26, 975-985.	2.1	154
39	Dissociating Explicit and Implicit Category Knowledge with fMRI. <i>Journal of Cognitive Neuroscience</i> , 2003, 15, 574-583.	1.1	144
40	Hemodynamic response function in patients with stroke-induced aphasia: Implications for fMRI data analysis. <i>NeuroImage</i> , 2007, 36, 322-331.	2.1	141
41	3-D FLASH Imaging Using a Single Surface Coil and a New Adiabatic Pulse, BIR-4. <i>Investigative Radiology</i> , 1990, 25, 559-567.	3.5	138
42	Selective neurophysiologic responses to music in instrumentalists with different listening biographies. <i>Human Brain Mapping</i> , 2009, 30, 267-275.	1.9	137
43	Relation between brain activation and lexical performance. <i>Human Brain Mapping</i> , 2003, 19, 155-169.	1.9	134
44	Primary progressive aphasia: PPA and the language network. <i>Annals of Neurology</i> , 2003, 53, 35-49.	2.8	134
45	Epidural Electrical Stimulation for Stroke Rehabilitation. <i>Neurorehabilitation and Neural Repair</i> , 2016, 30, 107-119.	1.4	131
46	Neural Evidence That Vivid Imagining Can Lead to False Remembering. <i>Psychological Science</i> , 2004, 15, 655-660.	1.8	130
47	Altered Effective Connectivity within the Language Network in Primary Progressive Aphasia. <i>Journal of Neuroscience</i> , 2007, 27, 1334-1345.	1.7	129
48	Neural Correlates of Successful Encoding Identified Using Functional Magnetic Resonance Imaging. <i>Journal of Neuroscience</i> , 2002, 22, 9541-9548.	1.7	125
49	Relationship of Elevated ²³ Na Magnetic Resonance Image Intensity to Infarct Size After Acute Reperfused Myocardial Infarction. <i>Circulation</i> , 1999, 100, 185-192.	1.6	124
50	Functional Anatomy of Visual Search: Regional Segregations within the Frontal Eye Fields and Effective Connectivity of the Superior Colliculus. <i>NeuroImage</i> , 2002, 15, 970-982.	2.1	124
51	Bradykinin Antagonism Inhibits the Antigrowth Effect of Converting Enzyme Inhibition in the Dog Myocardium After Discrete Transmural Myocardial Necrosis. <i>Circulation</i> , 1995, 91, 2043-2048.	1.6	124
52	Cortical Mechanisms of Speech Perception in Noise. <i>Journal of Speech, Language, and Hearing Research</i> , 2008, 51, 1026-1041.	0.7	123
53	Right Orbitofrontal Cortex Mediates Conscious Olfactory Perception. <i>Psychological Science</i> , 2010, 21, 1454-1463.	1.8	121
54	Reduction of field of view for dynamic imaging. <i>Magnetic Resonance in Medicine</i> , 1994, 31, 691-694.	1.9	115

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55	Predicting Functional Gains in a Stroke Trial. <i>Stroke</i> , 2007, 38, 2108-2114.	1.0	112
56	The Development of Specialized Brain Systems in Reading and Oral-Language. <i>Child Neuropsychology</i> , 2001, 7, 119-141.	0.8	108
57	Neural correlates of sexual arousal in homosexual and heterosexual men.. <i>Behavioral Neuroscience</i> , 2007, 121, 237-248.	0.6	104
58	Neural activity of inferences during story comprehension. <i>Brain Research</i> , 2006, 1084, 104-114.	1.1	100
59	Argument structure effects in action verb naming in static and dynamic conditions. <i>Journal of Neurolinguistics</i> , 2009, 22, 196-215.	0.5	97
60	Impact of signal-to-noise on functional MRI of the human amygdala. <i>NeuroReport</i> , 2001, 12, 3461-3464.	0.6	94
61	Caffeine dose effect on activation-induced BOLD and CBF responses. <i>NeuroImage</i> , 2009, 46, 577-583.	2.1	92
62	Neural plasticity and treatment-induced recovery of sentence processing in agrammatism. <i>Neuropsychologia</i> , 2010, 48, 3211-3227.	0.7	92
63	Myocardial perfusion and function in dogs with moderate coronary stenosis. <i>Magnetic Resonance in Medicine</i> , 1996, 35, 771-780.	1.9	91
64	The Rapid and Progressive Degeneration of the Cervical Multifidus in Whiplash. <i>Spine</i> , 2015, 40, E694-E700.	1.0	91
65	Abnormalities in Resting-State Functional Connectivity in Early Human Immunodeficiency Virus Infection. <i>Brain Connectivity</i> , 2011, 1, 207-217.	0.8	89
66	Caffeine's effects on cerebrovascular reactivity and coupling between cerebral blood flow and oxygen metabolism. <i>NeuroImage</i> , 2009, 44, 647-652.	2.1	85
67	Hemodynamic response changes in cerebrovascular disease: implications for functional MR imaging. <i>American Journal of Neuroradiology</i> , 2002, 23, 1222-8.	1.2	85
68	Continuous Update with Random Encoding (CURE): A New Strategy for Dynamic Imaging. <i>Magnetic Resonance in Medicine</i> , 1995, 33, 326-336.	1.9	83
69	Neural Correlates of Person Recognition. <i>Learning and Memory</i> , 2003, 10, 253-260.	0.5	82
70	Theory and methods in cultural neuroscience. <i>Social Cognitive and Affective Neuroscience</i> , 2010, 5, 356-361.	1.5	81
71	Muscle-fat MRI: 1.5 tesla and 3.0 tesla versus histology. <i>Muscle and Nerve</i> , 2014, 50, 170-176.	1.0	81
72	Neural correlates of skill acquisition: Decreased cortical activity during a serial interception sequence learning task. <i>NeuroImage</i> , 2011, 58, 1150-1157.	2.1	80

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73	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.	2.1	79
74	MRI compatibility and visibility assessment of implantable medical devices. <i>Journal of Magnetic Resonance Imaging</i> , 1999, 9, 596-603.	1.9	76
75	Location- or Feature-Based Targeting of Peripheral Attention. <i>NeuroImage</i> , 2001, 14, 37-47.	2.1	74
76	Development and validation of the automated imaging differentiation in parkinsonism (AID-P): a multicentre machine learning study. <i>The Lancet Digital Health</i> , 2019, 1, e222-e231.	5.9	73
77	Neural Correlates of Artificial Grammar Learning. <i>NeuroImage</i> , 2002, 17, 1306-1314.	2.1	72
78	Placebo-Controlled Trial of Familiar Auditory Sensory Training for Acute Severe Traumatic Brain Injury. <i>Neurorehabilitation and Neural Repair</i> , 2015, 29, 537-547.	1.4	71
79	Neurite orientation dispersion and density imaging (NODDI) and free-water imaging in Parkinsonism. <i>Human Brain Mapping</i> , 2019, 40, 5094-5107.	1.9	71
80	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, 153-162.	0.7	71
81	Modality-specific and -independent developmental differences in the neural substrate for lexical processing. <i>Journal of Neurolinguistics</i> , 2003, 16, 383-405.	0.5	65
82	Generic acquisition protocol for quantitative MRI of the spinal cord. <i>Nature Protocols</i> , 2021, 16, 4611-4632.	5.5	65
83	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.	2.1	64
84	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.	1.7	63
85	Lumbosacral Cerebrospinal Fluid Volume in Humans Using Three-Dimensional Magnetic Resonance Imaging. <i>Anesthesia and Analgesia</i> , 2006, 103, 1306-1310.	1.1	61
86	Neural correlates of sexual arousal in heterosexual and homosexual women and men. <i>Hormones and Behavior</i> , 2013, 64, 673-684.	1.0	59
87	Rapid, accurate and simultaneous noninvasive assessment of right and left ventricular mass with nuclear magnetic resonance imaging using the snapshot gradient method. <i>Journal of the American College of Cardiology</i> , 1992, 19, 1601-1607.	1.2	57
88	Cultural modulation of the neural correlates of emotional pain perception: The role of other-focusedness. <i>Neuropsychologia</i> , 2013, 51, 1177-1186.	0.7	54
89	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.	3.3	53
90	Inferences during Story Comprehension: Cortical Recruitment Affected by Predictability of Events and Working Memory Capacity. <i>Journal of Cognitive Neuroscience</i> , 2008, 20, 2274-2284.	1.1	52

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91	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.	2.1	48
92	Sleep deprivation alters functioning within the neural network underlying the covert orienting of attention. <i>Brain Research</i> , 2008, 1217, 148-156.	1.1	46
93	Neuroimaging in aphasia treatment research: Consensus and practical guidelines for data analysis. <i>NeuroImage</i> , 2013, 73, 215-224.	2.1	46
94	Familiarity and Conceptual Priming Engage Distinct Cortical Networks. <i>Cerebral Cortex</i> , 2008, 18, 1712-1719.	1.6	45
95	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.	1.1	45
96	Alterations in Brain Activation During Cognitive Empathy Are Related to Social Functioning in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2015, 41, 211-222.	2.3	43
97	Deep Learning Convolutional Neural Networks for the Automatic Quantification of Muscle Fat Infiltration Following Whiplash Injury. <i>Scientific Reports</i> , 2019, 9, 7973.	1.6	43
98	An investigation of cerebral oxygen utilization, blood flow and cognition in healthy aging. <i>PLoS ONE</i> , 2018, 13, e0197055.	1.1	41
99	Distinct medial temporal contributions to different forms of recognition in amnesic mild cognitive impairment and Alzheimer's disease. <i>Neuropsychologia</i> , 2013, 51, 2450-2461.	0.7	40
100	The Northwestern University Neuroimaging Data Archive (NUNDA). <i>NeuroImage</i> , 2016, 124, 1131-1136.	2.1	39
101	Neuroimaging modality fusion in Alzheimer's classification using convolutional neural networks. <i>PLoS ONE</i> , 2019, 14, e0225759.	1.1	38
102	White matter microstructure changes induced by motor skill learning utilizing a body machine interface. <i>NeuroImage</i> , 2014, 88, 32-40.	2.1	37
103	Context Dependency in the Globus Pallidus Internal Segment During Targeted Arm Movements. <i>Journal of Neurophysiology</i> , 2001, 85, 998-1004.	0.9	36
104	Regional Cerebrovascular Reactivity and Cognitive Performance in Healthy Aging. <i>Journal of Experimental Neuroscience</i> , 2018, 12, 117906951878515.	2.3	34
105	EEG Measures Index Neural and Cognitive Recovery from Sleep Deprivation. <i>Journal of Neuroscience</i> , 2010, 30, 2686-2693.	1.7	33
106	Reproducibility of Structural, Resting-State BOLD and DTI Data between Identical Scanners. <i>PLoS ONE</i> , 2012, 7, e47684.	1.1	32
107	A new T2 preparation technique for ultrafast gradient-echo sequence. <i>Magnetic Resonance in Medicine</i> , 1994, 32, 652-657.	1.9	31
108	Thermal Stimulation Alters Cervical Spinal Cord Functional Connectivity in Humans. <i>Neuroscience</i> , 2018, 369, 40-50.	1.1	31

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109	Quantification of cervical spine muscle fat: a comparison between T1-weighted and multi-echo gradient echo imaging using a variable projection algorithm (VARPRO). BMC Medical Imaging, 2013, 13, 30.	1.4	30
110	Subcortical structural variations associated with low socioeconomic status in adolescents. Human Brain Mapping, 2020, 41, 162-171.	1.9	30
111	Common and distinct neural substrates of sentence production and comprehension. NeuroImage, 2021, 224, 117374.	2.1	30
112	Multisite, multimodal neuroimaging of chronic urological pelvic pain: Methodology of the MAPP Research Network. NeuroImage: Clinical, 2016, 12, 65-77.	1.4	29
113	Functional changes in temporal lobe activity during transient global amnesia. Neurology, 2002, 58, 638-641.	1.5	28
114	Preliminary framework for Familiar Auditory Sensory Training (FAST) provided during coma recovery. Journal of Rehabilitation Research and Development, 2012, 49, 1137.	1.6	28
115	Lateral Corticospinal Tract Damage Correlates With Motor Output in Incomplete Spinal Cord Injury. Archives of Physical Medicine and Rehabilitation, 2018, 99, 660-666.	0.5	28
116	Fatty infiltration of the cervical multifidus musculature and their clinical correlates in spondylotic myelopathy. Journal of Clinical Neuroscience, 2018, 57, 208-213.	0.8	28
117	Potential associations between chronic whiplash and incomplete spinal cord injury. Spinal Cord Series and Cases, 2015, 1, .	0.3	27
118	HIV disease and diabetes interact to affect brain white matter hyperintensities and cognition. Aids, 2018, 32, 1803-1810.	1.0	27
119	Altered resting-state functional connectivity of the putamen and internal globus pallidus is related to speech impairment in Parkinson's disease. Brain and Behavior, 2018, 8, e01073.	1.0	27
120	Open-access quantitative MRI data of the spinal cord and reproducibility across participants, sites and manufacturers. Scientific Data, 2021, 8, 219.	2.4	27
121	Functional magnetic resonance imaging of real and sham acupuncture. IEEE Engineering in Medicine and Biology Magazine, 2005, 24, 35-40.	1.1	26
122	New Insights into the Fractional Order Diffusion Equation Using Entropy and Kurtosis. Entropy, 2014, 16, 5838-5852.	1.1	26
123	Functional magnetic resonance imaging of the cervical spinal cord during thermal stimulation across consecutive runs. NeuroImage, 2016, 143, 267-279.	2.1	26
124	Functional neuronal network activity differs with cognitive dysfunction in childhood-onset systemic lupus erythematosus. Arthritis Research and Therapy, 2013, 15, R40.	1.6	25
125	Brain Morphometric Changes Associated With Childhood-Onset Systemic Lupus Erythematosus and Neurocognitive Deficit. Arthritis and Rheumatism, 2013, 65, 2190-2200.	6.7	25
126	Quantitative Magnetization Transfer MRI Measurements of the Anterior Spinal Cord Region are Associated With Clinical Outcomes in Cervical Spondylotic Myelopathy. Spine, 2018, 43, 675-680.	1.0	25

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127	Priming Effects in the Fusiform Gyrus: Changes in Neural Activity beyond the Second Presentation. <i>Cerebral Cortex</i> , 2005, 15, 787-795.	1.6	24
128	A deep symmetry convnet for stroke lesion segmentation. , 2016, , .		24
129	Cumulative Blood Pressure Exposure, Basal Ganglia, and Thalamic Morphology in Midlife Hypertension, 2020, 75, 1289-1295.	1.3	24
130	Reorganization of Cortical Language Areas in Patients with Aphasia: A Functional MRI Study. <i>Yonsei Medical Journal</i> , 2002, 43, 441.	0.9	23
131	Brain-behavior correlation in children depends on the neurocognitive network. <i>Human Brain Mapping</i> , 2004, 23, 99-108.	1.9	23
132	Content not quantity is a better measure of muscle degeneration in whiplash. <i>Manual Therapy</i> , 2013, 18, 578-582.	1.6	23
133	Effects of acute levodopa challenge on resting cerebral blood flow in Parkinson's Disease patients assessed using pseudo-continuous arterial spin labeling. <i>PeerJ</i> , 2015, 3, e1381.	0.9	23
134	Intrahemispheric Perfusion in Chronic Stroke-Induced Aphasia. <i>Neural Plasticity</i> , 2017, 2017, 1-15.	1.0	22
135	Hybridization-Induced Off-On NMR Signal Probe Release from DNA-Functionalized Gold Nanoparticles. <i>Small</i> , 2011, 7, 1977-1981.	5.2	21
136	Parsimonious continuous time random walk models and kurtosis for diffusion in magnetic resonance of biological tissue. <i>Frontiers in Physics</i> , 2015, 3, .	1.0	21
137	Right Hemisphere Grey Matter Volume and Language Functions in Stroke Aphasia. <i>Neural Plasticity</i> , 2017, 2017, 1-14.	1.0	21
138	Muscle fat infiltration following whiplash: A computed tomography and magnetic resonance imaging comparison. <i>PLoS ONE</i> , 2020, 15, e0234061.	1.1	20
139	Mechanisms Underlying Chronic Whiplash: Contributions from an Incomplete Spinal Cord Injury?. <i>Pain Medicine</i> , 2014, 15, 1938-1944.	0.9	19
140	Cultural influences on neural basis of inhibitory control. <i>NeuroImage</i> , 2016, 139, 114-126.	2.1	19
141	Hybrid technique for dynamic imaging. <i>Magnetic Resonance in Medicine</i> , 2000, 44, 51-55.	1.9	18
142	Multi-muscle deep learning segmentation to automate the quantification of muscle fat infiltration in cervical spine conditions. <i>Scientific Reports</i> , 2021, 11, 16567.	1.6	18
143	Body-Machine Interfaces after Spinal Cord Injury: Rehabilitation and Brain Plasticity. <i>Brain Sciences</i> , 2016, 6, 61.	1.1	16
144	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.	1.0	16

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145	Decoding Multiple Sound Categories in the Human Temporal Cortex Using High Resolution fMRI. <i>PLoS ONE</i> , 2015, 10, e0117303.	1.1	15
146	Tract-Specific Volume Loss on 3T MRI in Patients With Cervical Spondylotic Myelopathy. <i>Spine</i> , 2018, 43, E1204-E1209.	1.0	14
147	Assessing the spatial distribution of cervical spinal cord activity during tactile stimulation of the upper extremity in humans with functional magnetic resonance imaging. <i>NeuroImage</i> , 2020, 217, 116905.	2.1	14
148	Geometric deep learning on brain shape predicts sex and age. <i>Computerized Medical Imaging and Graphics</i> , 2021, 91, 101939.	3.5	13
149	Transcranial Direct Current Stimulation and Aphasia: The Case of Mr. C. <i>Topics in Stroke Rehabilitation</i> , 2013, 20, 5-21.	1.0	12
150	Predicting language recovery in post-stroke aphasia using behavior and functional MRI. <i>Scientific Reports</i> , 2021, 11, 8419.	1.6	12
151	Multimodal Neural and Behavioral Data Predict Response to Rehabilitation in Chronic Poststroke Aphasia. <i>Stroke</i> , 2022, 53, 1606-1614.	1.0	12
152	Advanced diffusion imaging to track progression in Parkinson's disease, multiple system atrophy, and progressive supranuclear palsy. <i>NeuroImage: Clinical</i> , 2022, 34, 103022.	1.4	12
153	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.	0.7	11
154	Modulation of brain networks during MR-compatible transcranial direct current stimulation. <i>NeuroImage</i> , 2022, 250, 118874.	2.1	11
155	Functional impact of an increase in ventricular mass after myocardial damage and its attenuation by converting enzyme inhibition. <i>Journal of Cardiac Failure</i> , 1998, 4, 203-212.	0.7	10
156	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.	1.9	10
157	Cultural influences on neural systems of intergroup emotion perception: An fMRI study. <i>Neuropsychologia</i> , 2020, 137, 107254.	0.7	10
158	Brain Network Disruption in Whiplash. <i>American Journal of Neuroradiology</i> , 2020, 41, 994-1000.	1.2	10
159	FUNCTIONAL MR IMAGING. <i>Magnetic Resonance Imaging Clinics of North America</i> , 1999, 7, 765-782.	0.6	10
160	Mapping the Microstructure and Striae of the Human Olfactory Tract with Diffusion MRI. <i>Journal of Neuroscience</i> , 2022, 42, 58-68.	1.7	10
161	High-resolution magnetization transfer MRI in patients with cervical spondylotic myelopathy. <i>Journal of Clinical Neuroscience</i> , 2018, 51, 57-61.	0.8	9
162	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.	0.8	9

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163	Fatty infiltration in cervical flexors and extensors in patients with degenerative cervical myelopathy using a multi-muscle segmentation model. PLoS ONE, 2021, 16, e0253863.	1.1	9
164	Blood pressure, executive function, and network connectivity in middle-aged adults at risk of dementia in late life. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, e2024265118.	3.3	9
165	A method to capture six-degrees-of-freedom mechanical measurements of isometric shoulder and elbow torques during event-related fMRI. Journal of Neuroscience Methods, 2007, 161, 314-322.	1.3	8
166	Neurocognitive correlates of category ambiguous verb processing: The single versus dual lexical entry hypotheses. Brain and Language, 2019, 194, 65-76.	0.8	8
167	Does Overall Cervical Spine Pathology Relate to the Clinical Heterogeneity of Chronic Whiplash?. American Journal of Emergency Medicine, 2020, 38, 869-873.	0.7	8
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