

R Todd Constable

List of Publications by Year in descending order

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378
papers

38,838
citations

1994

101
h-index

4015

176
g-index

409
all docs

409
docs citations

409
times ranked

28588
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional connectome fingerprinting: identifying individuals using patterns of brain connectivity. <i>Nature Neuroscience</i> , 2015, 18, 1664-1671.	14.8	2,191
2	Sex differences in the functional organization of the brain for language. <i>Nature</i> , 1995, 373, 607-609.	27.8	1,332
3	Disruption of posterior brain systems for reading in children with developmental dyslexia. <i>Biological Psychiatry</i> , 2002, 52, 101-110.	1.3	860
4	Groupwise whole-brain parcellation from resting-state fMRI data for network node identification. <i>NeuroImage</i> , 2013, 82, 403-415.	4.2	858
5	A neuromarker of sustained attention from whole-brain functional connectivity. <i>Nature Neuroscience</i> , 2016, 19, 165-171.	14.8	833
6	Brain Connectivity Related to Working Memory Performance. <i>Journal of Neuroscience</i> , 2006, 26, 13338-13343.	3.6	780
7	Using connectome-based predictive modeling to predict individual behavior from brain connectivity. <i>Nature Protocols</i> , 2017, 12, 506-518.	12.0	766
8	Functional disruption in the organization of the brain for reading in dyslexia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 2636-2641.	7.1	720
9	Cerebral organization of component processes in reading. <i>Brain</i> , 1996, 119, 1221-1238.	7.6	574
10	Image processing and analysis methods for the Adolescent Brain Cognitive Development Study. <i>NeuroImage</i> , 2019, 202, 116091.	4.2	539
11	Imaging Response Inhibition in a Stop-Signal Task: Neural Correlates Independent of Signal Monitoring and Post-Response Processing. <i>Journal of Neuroscience</i> , 2006, 26, 186-192.	3.6	518
12	Development of left occipitotemporal systems for skilled reading in children after a phonologically-based intervention. <i>Biological Psychiatry</i> , 2004, 55, 926-933.	1.3	489
13	An Event-related Neuroimaging Study Distinguishing Form and Content in Sentence Processing. <i>Journal of Cognitive Neuroscience</i> , 2000, 12, 120-133.	2.3	396
14	Neural systems for compensation and persistence: young adult outcome of childhood reading disability. <i>Biological Psychiatry</i> , 2003, 54, 25-33.	1.3	382
15	Activation of Human Prefrontal Cortex during Spatial and Nonspatial Working Memory Tasks Measured by Functional MRI. <i>Cerebral Cortex</i> , 1996, 6, 600-611.	2.9	376
16	Effect of Estrogen on Brain Activation Patterns in Postmenopausal Women During Working Memory Tasks. <i>JAMA - Journal of the American Medical Association</i> , 1999, 281, 1197.	7.4	374
17	A decade of test-retest reliability of functional connectivity: A systematic review and meta-analysis. <i>NeuroImage</i> , 2019, 203, 116157.	4.2	370
18	Task-induced brain state manipulation improves prediction of individual traits. <i>Nature Communications</i> , 2018, 9, 2807.	12.8	346

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19	The Angular Gyus in Developmental Dyslexia: Task-Specific Differences in Functional Connectivity Within Posterior Cortex. <i>Psychological Science</i> , 2000, 11, 51-56.	3.3	342
20	Alanine Aminotransferase Levels and Fatty Liver in Childhood Obesity: Associations with Insulin Resistance, Adiponectin, and Visceral Fat. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 4287-4294.	3.6	330
21	Beyond affect: A role for genetic variation of the serotonin transporter in neural activation during a cognitive attention task. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 12224-12229.	7.1	320
22	Effects of Fructose vs Glucose on Regional Cerebral Blood Flow in Brain Regions Involved With Appetite and Reward Pathways. <i>JAMA - Journal of the American Medical Association</i> , 2013, 309, 63.	7.4	307
23	More accurate Talairach coordinates for neuroimaging using non-linear registration. <i>NeuroImage</i> , 2008, 42, 717-725.	4.2	306
24	Functional connectivity between task-positive and task-negative brain areas and its relation to working memory performance. <i>Magnetic Resonance Imaging</i> , 2010, 28, 1051-1057.	1.8	303
25	Influences on the Testâ€Retest Reliability of Functional Connectivity MRI and its Relationship with Behavioral Utility. <i>Cerebral Cortex</i> , 2017, 27, 5415-5429.	2.9	300
26	Neural correlates of epigenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 16033-16038.	7.1	294
27	Functional magnetic resonance imaging of sensory and motor cortex: comparison with electrophysiological localization. <i>Journal of Neurosurgery</i> , 1995, 83, 262-270.	1.6	292
28	Sex differences and correlations in a virtual Morris water task, a virtual radial arm maze, and mental rotation. <i>Behavioural Brain Research</i> , 2004, 151, 103-115.	2.2	276
29	The central vein sign and its clinical evaluation for the diagnosis of multiple sclerosis: a consensus statement from the North American Imaging in Multiple Sclerosis Cooperative. <i>Nature Reviews Neurology</i> , 2016, 12, 714-722.	10.1	274
30	Ten simple rules for predictive modeling of individual differences in neuroimaging. <i>NeuroImage</i> , 2019, 193, 35-45.	4.2	273
31	Dynamic Time Course of Typical Childhood Absence Seizures: EEG, Behavior, and Functional Magnetic Resonance Imaging. <i>Journal of Neuroscience</i> , 2010, 30, 5884-5893.	3.6	267
32	Factors influencing contrast in fast spin-echo MR imaging. <i>Magnetic Resonance Imaging</i> , 1992, 10, 497-511.	1.8	266
33	Can brain state be manipulated to emphasize individual differences in functional connectivity?. <i>NeuroImage</i> , 2017, 160, 140-151.	4.2	266
34	Image distortion correction in EPI: Comparison of field mapping with point spread function mapping. <i>Magnetic Resonance in Medicine</i> , 2002, 48, 137-146.	3.0	245
35	Disrupted Ventromedial Prefrontal Function, Alcohol Craving, and Subsequent Relapse Risk. <i>JAMA Psychiatry</i> , 2013, 70, 727.	11.0	245
36	Functional and Structural Connectivity Between the Perigenual Anterior Cingulate and Amygdala in Bipolar Disorder. <i>Biological Psychiatry</i> , 2009, 66, 516-521.	1.3	243

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37	Maternal brain response to own baby's cry is affected by cesarean section delivery. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2008, 49, 1042-1052.	5.2	242
38	Prematurely Born Children Demonstrate White Matter Microstructural Differences at 12 Years of Age, Relative to Term Control Subjects: An Investigation of Group and Gender Effects. <i>Pediatrics</i> , 2008, 121, 306-316.	2.1	242
39	Auditory Selective Attention: An fMRI Investigation. <i>NeuroImage</i> , 1996, 4, 159-173.	4.2	233
40	The Loss of Small Objects in Variable TE Imaging: Implications for FSE, RARE, and EPI. <i>Magnetic Resonance in Medicine</i> , 1992, 28, 9-24.	3.0	232
41	ROC Analysis of Statistical Methods Used in Functional MRI: Individual Subjects. <i>NeuroImage</i> , 1999, 9, 311-329.	4.2	230
42	The (in)stability of functional brain network measures across thresholds. <i>NeuroImage</i> , 2015, 118, 651-661.	4.2	228
43	An fMRI study of the human cortical motor system response to increasing functional demands. <i>Magnetic Resonance Imaging</i> , 1997, 15, 385-396.	1.8	226
44	Sex differences in normal age trajectories of functional brain networks. <i>Human Brain Mapping</i> , 2015, 36, 1524-1535.	3.6	207
45	Emotional conflict and neuroticism: Personality-dependent activation in the amygdala and subgenual anterior cingulate. <i>Behavioral Neuroscience</i> , 2007, 121, 249-256.	1.2	205
46	Amygdala gray matter concentration is associated with extraversion and neuroticism. <i>NeuroReport</i> , 2005, 16, 1905-1908.	1.2	202
47	Disruption of Functional Networks in Dyslexia: A Whole-Brain, Data-Driven Analysis of Connectivity. <i>Biological Psychiatry</i> , 2014, 76, 397-404.	1.3	201
48	Functional connectivity and alterations in baseline brain state in humans. <i>NeuroImage</i> , 2010, 49, 823-834.	4.2	198
49	Sentence complexity and input modality effects in sentence comprehension: an fMRI study. <i>NeuroImage</i> , 2004, 22, 11-21.	4.2	195
50	Functional MRI of Language Processing: Dependence on Input Modality and Temporal Lobe Epilepsy. <i>Epilepsia</i> , 2001, 42, 1241-1254.	5.1	193
51	Preterm birth results in alterations in neural connectivity at age 16 years. <i>NeuroImage</i> , 2011, 54, 2563-2570.	4.2	192
52	Comparative MR study of hepatic fat quantification using single-voxel proton spectroscopy, two-point Dixon and three-point IDEAL. <i>Magnetic Resonance in Medicine</i> , 2008, 59, 521-527.	3.0	188
53	Graph-theory based parcellation of functional subunits in the brain from resting-state fMRI data. <i>NeuroImage</i> , 2010, 50, 1027-1035.	4.2	184
54	Estimation of 3-D left ventricular deformation from medical images using biomechanical models. <i>IEEE Transactions on Medical Imaging</i> , 2002, 21, 786-800.	8.9	183

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55	Effects of Working Memory Load on Oscillatory Power in Human Intracranial EEG. <i>Cerebral Cortex</i> , 2008, 18, 1843-1855.	2.9	179
56	Amygdala responsiveness is modulated by tryptophan hydroxylase-2 gene variation. <i>Journal of Neural Transmission</i> , 2005, 112, 1479-1485.	2.8	172
57	There is no single functional atlas even for a single individual: Functional parcel definitions change with task. <i>NeuroImage</i> , 2020, 208, 116366.	4.2	172
58	Gender differences in the neural correlates of response inhibition during a stop signal task. <i>NeuroImage</i> , 2006, 32, 1918-1929.	4.2	169
59	Trying to Detect Taste in a Tasteless Solution: Modulation of Early Gustatory Cortex by Attention to Taste. <i>Chemical Senses</i> , 2007, 32, 569-581.	2.0	167
60	Connectivity behavior analysis reveals that functional connectivity between left BA39 and Broca's area varies with reading ability. <i>NeuroImage</i> , 2006, 31, 513-519.	4.2	166
61	Dynamic neural activity during stress signals resilient coping. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 8837-8842.	7.1	166
62	Meditation leads to reduced default mode network activity beyond an active task. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2015, 15, 712-720.	2.0	165
63	Circulating glucose levels modulate neural control of desire for high-calorie foods in humans. <i>Journal of Clinical Investigation</i> , 2011, 121, 4161-4169.	8.2	164
64	Individual differences in EEG theta and alpha dynamics during working memory correlate with fMRI responses across subjects. <i>Clinical Neurophysiology</i> , 2007, 118, 2419-2436.	1.5	162
65	Accurate alignment of functional EPI data to anatomical MRI using a physics-based distortion model. <i>IEEE Transactions on Medical Imaging</i> , 2000, 19, 1115-1127.	8.9	161
66	Probing the Pathophysiology of Auditory/Verbal Hallucinations by Combining Functional Magnetic Resonance Imaging and Transcranial Magnetic Stimulation. <i>Cerebral Cortex</i> , 2007, 17, 2733-2743.	2.9	160
67	The individual functional connectome is unique and stable over months to years. <i>NeuroImage</i> , 2019, 189, 676-687.	4.2	156
68	Orbitofrontal cortex neurofeedback produces lasting changes in contamination anxiety and resting-state connectivity. <i>Translational Psychiatry</i> , 2013, 3, e250-e250.	4.8	154
69	Impaired attention and network connectivity in childhood absence epilepsy. <i>NeuroImage</i> , 2011, 56, 2209-2217.	4.2	153
70	Topographic organization of the cerebral cortex and brain cartography. <i>NeuroImage</i> , 2018, 170, 332-347.	4.2	148
71	Biolmage Suite: An integrated medical image analysis suite: An update. <i>The Insight Journal</i> , 2006, 2006, 209.	0.2	146
72	Glucose dysregulation and hepatic steatosis in obese adolescents: Is there a link?. <i>Hepatology</i> , 2009, 49, 1896-1903.	7.3	144

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73	Measurement of the point spread function in MRI using constant time imaging. <i>Magnetic Resonance in Medicine</i> , 1997, 38, 733-740.	3.0	142
74	Functional neuroanatomy of executive processes involved in dual-task performance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 3567-3572.	7.1	141
75	Alterations in neural connectivity in preterm children at school age. <i>NeuroImage</i> , 2009, 48, 458-463.	4.2	140
76	Multisite reliability of MR-based functional connectivity. <i>NeuroImage</i> , 2017, 146, 959-970.	4.2	140
77	Connectome-based predictive modeling of attention: Comparing different functional connectivity features and prediction methods across datasets. <i>NeuroImage</i> , 2018, 167, 11-22.	4.2	139
78	Age-related changes in reading systems of dyslexic children. <i>Annals of Neurology</i> , 2007, 61, 363-370.	5.3	138
79	Neural Correlates of Post-error Slowing during a Stop Signal Task: A Functional Magnetic Resonance Imaging Study. <i>Journal of Cognitive Neuroscience</i> , 2008, 20, 1021-1029.	2.3	138
80	Alterations in functional connectivity for language in prematurely born adolescents. <i>Brain</i> , 2009, 132, 661-670.	7.6	138
81	Simultaneous EEG, fMRI, and behavior in typical childhood absence seizures. <i>Epilepsia</i> , 2010, 51, 2011-2022.	5.1	138
82	A whole-brain voxel based measure of intrinsic connectivity contrast reveals local changes in tissue connectivity with anesthetic without a priori assumptions on thresholds or regions of interest. <i>NeuroImage</i> , 2011, 58, 1044-1050.	4.2	138
83	Resting-state functional connectivity predicts neuroticism and extraversion in novel individuals. <i>Social Cognitive and Affective Neuroscience</i> , 2018, 13, 224-232.	3.0	137
84	Longitudinal Brain Volume Changes in Preterm and Term Control Subjects During Late Childhood and Adolescence. <i>Pediatrics</i> , 2009, 123, 503-511.	2.1	133
85	Dynamic functional connectivity during task performance and rest predicts individual differences in attention across studies. <i>NeuroImage</i> , 2019, 188, 14-25.	4.2	133
86	An Event-Related fMRI Study of Implicit Phrase-Level Syntactic and Semantic Processing. <i>NeuroImage</i> , 1999, 10, 555-561.	4.2	132
87	Effects of estrogen variation on neural correlates of emotional response inhibition. <i>NeuroImage</i> , 2006, 32, 457-464.	4.2	132
88	Prenatal and Adolescent Exposure to Tobacco Smoke Modulates the Development of White Matter Microstructure. <i>Journal of Neuroscience</i> , 2007, 27, 13491-13498.	3.6	131
89	Brain Volume Reductions within Multiple Cognitive Systems in Male Preterm Children at Age Twelve. <i>Journal of Pediatrics</i> , 2008, 152, 513-520.e1.	1.8	131
90	Functional Correlates of Verbal Memory Deficits Emerging During Nicotine Withdrawal in Abstinent Adolescent Cannabis Users. <i>Biological Psychiatry</i> , 2007, 61, 31-40.	1.3	129

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91	Abnormal Corpus Callosum Integrity in Bipolar Disorder: A Diffusion Tensor Imaging Study. <i>Biological Psychiatry</i> , 2008, 64, 730-733.	1.3	129
92	Language lateralization in epilepsy patients: fMRI validated with the Wada procedure. <i>Epilepsia</i> , 2009, 50, 2225-2241.	5.1	128
93	Weak functional connectivity in the human fetal brain prior to preterm birth. <i>Scientific Reports</i> , 2017, 7, 39286.	3.3	128
94	Functional connectivity predicts changes in attention observed across minutes, days, and months. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 3797-3807.	7.1	128
95	The relationship between phonological and auditory processing and brain organization in beginning readers. <i>Brain and Language</i> , 2013, 125, 173-183.	1.6	126
96	Characterizing Attention with Predictive Network Models. <i>Trends in Cognitive Sciences</i> , 2017, 21, 290-302.	7.8	121
97	Does prenatal stress alter the developing connectome?. <i>Pediatric Research</i> , 2017, 81, 214-226.	2.3	120
98	Composite image formation in z-shimmed functional MR imaging. <i>Magnetic Resonance in Medicine</i> , 1999, 42, 110-117.	3.0	118
99	The neurobiology of adaptive learning in reading: A contrast of different training conditions. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2004, 4, 67-88.	2.0	117
100	Brain Areas Coactivating with Motor Cortex During Chronic Motor Tics and Intentional Movements. <i>Biological Psychiatry</i> , 2009, 65, 594-599.	1.3	117
101	Trait paranoia shapes inter-subject synchrony in brain activity during an ambiguous social narrative. <i>Nature Communications</i> , 2018, 9, 2043.	12.8	117
102	Relation Between Amygdala Structure and Function in Adolescents With Bipolar Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2009, 48, 636-642.	0.5	116
103	Real-time fMRI links subjective experience with brain activity during focused attention. <i>NeuroImage</i> , 2013, 81, 110-118.	4.2	114
104	Functional brain imaging at 1.5 T using conventional gradient echo MR imaging techniques. <i>Magnetic Resonance Imaging</i> , 1993, 11, 451-459.	1.8	113
105	Simultaneous cortex-wide fluorescence Ca ²⁺ imaging and whole-brain fMRI. <i>Nature Methods</i> , 2020, 17, 1262-1271.	19.0	111
106	Impairment of Working Memory Maintenance and Response in Schizophrenia: Functional Magnetic Resonance Imaging Evidence. <i>Biological Psychiatry</i> , 2008, 64, 1026-1034.	1.3	110
107	Combining multiple connectomes improves predictive modeling of phenotypic measures. <i>NeuroImage</i> , 2019, 201, 116038.	4.2	109
108	Functional MRI connectivity as a predictor of the surgical outcome of epilepsy. <i>Epilepsia</i> , 2011, 52, 1733-1740.	5.1	108

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109	Biolmage Suite: An integrated medical image analysis suite: An update. The Insight Journal, 2006, , .	0.2	107
110	Measurement and correction of transmitter and receiver induced nonuniformities in vivo. Magnetic Resonance in Medicine, 2005, 53, 408-417.	3.0	102
111	Abnormal anterior cingulum integrity in bipolar disorder determined through diffusion tensor imaging. British Journal of Psychiatry, 2008, 193, 126-129.	2.8	102
112	Simultaneous mesoscopic and two-photon imaging of neuronal activity in cortical circuits. Nature Methods, 2020, 17, 107-113.	19.0	102
113	In vivo method for correcting transmit/receive nonuniformities with phased array coils. Magnetic Resonance in Medicine, 2005, 53, 666-674.	3.0	100
114	Prenatal stress alters amygdala functional connectivity in preterm neonates. NeuroImage: Clinical, 2016, 12, 381-388.	2.7	100
115	A guide to the measurement and interpretation of fMRI test-retest reliability. Current Opinion in Behavioral Sciences, 2021, 40, 27-32.	3.9	100
116	Non-invasive assessment of language lateralization by transcranial near infrared optical topography and functional MRI. Human Brain Mapping, 2002, 16, 183-189.	3.6	99
117	The intrinsic connectivity distribution: A novel contrast measure reflecting voxel level functional connectivity. NeuroImage, 2012, 62, 1510-1519.	4.2	98
118	Evidence That Autobiographic Memory Retrieval Does Not Become Independent of the Hippocampus: An fMRI Study Contrasting Very Recent with Remote Events. Journal of Cognitive Neuroscience, 2005, 17, 1950-1961.	2.3	97
119	Grayâ€matter relationships to diagnostic and transdiagnostic features of drug and behavioral addictions. Addiction Biology, 2018, 23, 394-402.	2.6	97
120	Point-tracked quantitative analysis of left ventricular surface motion from 3-D image sequences. IEEE Transactions on Medical Imaging, 2000, 19, 36-50.	8.9	96
121	Microstructural and Functional Connectivity in the Developing Preterm Brain. Seminars in Perinatology, 2011, 35, 34-43.	2.5	96
122	The Functional Brain Organization of an Individual Allows Prediction of Measures of Social Abilities Transdiagnostically in Autism and Attention-Deficit/Hyperactivity Disorder. Biological Psychiatry, 2019, 86, 315-326.	1.3	95
123	Differential Resting State Connectivity Responses to Glycemic State in Type 1 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2020, 105, 1-13.	3.6	95
124	Signal-to-Noise and Contrast in Fast Spin Echo (FSE) and Inversion Recovery FSE Imaging. Journal of Computer Assisted Tomography, 1992, 16, 41-47.	0.9	94
125	Multicoil high-resolution fast spin-echo MR imaging of the female pelvis.. Radiology, 1992, 184, 671-675.	7.3	92
126	Predicting reading performance from neuroimaging profiles: The cerebral basis of phonological effects in printed word identification.. Journal of Experimental Psychology: Human Perception and Performance, 1997, 23, 299-318.	0.9	92

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127	An roc approach for evaluating functional brain mr imaging and postprocessing protocols. Magnetic Resonance in Medicine, 1995, 34, 57-64.	3.0	91
128	Functional connectivity to a right hemisphere language center in prematurely born adolescents. NeuroImage, 2010, 51, 1445-1452.	4.2	91
129	Space imaging: Highly efficient parallel imaging using second-order nonlinear fields as encoding gradients with no phase encoding. Magnetic Resonance in Medicine, 2010, 64, 447-456.	3.0	90
130	Reduced genual corpus callosal white matter integrity in pathological gambling and its relationship to alcohol abuse or dependence. World Journal of Biological Psychiatry, 2013, 14, 129-138.	2.6	90
131	Influence of SLC6A3 and COMT variation on neural activation during response inhibition. Biological Psychology, 2009, 81, 144-152.	2.2	88
132	Methylphenidate Modulates Functional Network Connectivity to Enhance Attention. Journal of Neuroscience, 2016, 36, 9547-9557.	3.6	88
133	Interference produced by emotional conflict associated with anterior cingulate activation. Cognitive, Affective and Behavioral Neuroscience, 2006, 6, 152-156.	2.0	87
134	Presurgical language fMRI: Mapping of six critical regions. Human Brain Mapping, 2017, 38, 4239-4255.	3.6	87
135	Development and evaluation of tracking algorithms for cardiac wall motion analysis using phase velocity MR imaging. Magnetic Resonance in Medicine, 1994, 32, 33-42.	3.0	86
136	Impaired consciousness in patients with absence seizures investigated by functional MRI, EEG, and behavioural measures: a cross-sectional study. Lancet Neurology, The, 2016, 15, 1336-1345.	10.2	85
137	Error-specific medial cortical and subcortical activity during the stop signal task: A functional magnetic resonance imaging study. Neuroscience, 2008, 155, 1142-1151.	2.3	84
138	Impact of smoking abstinence on working memory neurocircuitry in adolescent daily tobacco smokers. Psychopharmacology, 2007, 193, 557-566.	3.1	83
139	Resting functional connectivity between the hemispheres in childhood absence epilepsy. Neurology, 2011, 76, 1960-1967.	1.1	82
140	Connectome-based Models Predict Separable Components of Attention in Novel Individuals. Journal of Cognitive Neuroscience, 2018, 30, 160-173.	2.3	82
141	A Double Dissociation Between Mood States and Personality Traits in the Anterior Cingulate.. Behavioral Neuroscience, 2004, 118, 897-904.	1.2	81
142	Functional NMR imaging using fast spin echo at 1.5 T. Magnetic Resonance in Medicine, 1994, 31, 686-690.	3.0	80
143	Functional neuroanatomy of executive processes involved in dual-task performance. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 3567-3572.	7.1	80
144	The cerebellum's role in reading: a functional MR imaging study. American Journal of Neuroradiology, 1999, 20, 1925-30.	2.4	80

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145	Functional MR imaging using gradient-echo echo-planar imaging in the presence of large static field inhomogeneities. <i>Journal of Magnetic Resonance Imaging</i> , 1995, 5, 746-752.	3.4	78
146	Activation of human hippocampal formation reflects success in both encoding and cued recall of paired associates. <i>NeuroImage</i> , 2005, 24, 384-397.	4.2	76
147	Additive effects of serotonin transporter and tryptophan hydroxylase-2 gene variation on neural correlates of affective processing. <i>Biological Psychology</i> , 2008, 79, 118-125.	2.2	76
148	Reliability of neuroanatomical measurements in a multisite longitudinal study of youth at risk for psychosis. <i>Human Brain Mapping</i> , 2014, 35, 2424-2434.	3.6	76
149	Attentional bias for valenced stimuli as a function of personality in the dot-probe task. <i>Journal of Research in Personality</i> , 2004, 38, 15-23.	1.7	75
150	Stop the sadness: Neuroticism is associated with sustained medial prefrontal cortex response to emotional facial expressions. <i>NeuroImage</i> , 2008, 42, 385-392.	4.2	75
151	White matter tractography by anisotropic wavefront evolution and diffusion tensor imaging. <i>Medical Image Analysis</i> , 2005, 9, 427-440.	11.6	74
152	Phonological awareness predicts activation patterns for print and speech. <i>Annals of Dyslexia</i> , 2009, 59, 78-97.	1.7	73
153	Localization of semantic processing using functional magnetic resonance imaging. <i>Human Brain Mapping</i> , 1994, 2, 149-158.	3.6	72
154	Preliminary evidence for progressive prefrontal abnormalities in adolescents and young adults with bipolar disorder. <i>Journal of the International Neuropsychological Society</i> , 2009, 15, 476-481.	1.8	72
155	Individual variation in functional brain connectivity: implications for personalized approaches to psychiatric disease. <i>Dialogues in Clinical Neuroscience</i> , 2016, 18, 277-287.	3.7	72
156	Preterm birth alters neonatal, functional rich club organization. <i>Brain Structure and Function</i> , 2016, 221, 3211-3222.	2.3	71
157	Shared Microstructural Features of Behavioral and Substance Addictions Revealed in Areas of Crossing Fibers. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017, 2, 188-195.	1.5	70
158	T1 Measurements incorporating flip angle calibration and correction in vivo. <i>Journal of Magnetic Resonance</i> , 2006, 182, 283-292.	2.1	69
159	Effects of Stimulus Difficulty and Repetition on Printed Word Identification: An fMRI Comparison of Nonimpaired and Reading-disabled Adolescent Cohorts. <i>Journal of Cognitive Neuroscience</i> , 2008, 20, 1146-1160.	2.3	69
160	Altered functional connectivity in seizure onset zones revealed by fMRI intrinsic connectivity. <i>Neurology</i> , 2014, 83, 2269-2277.	1.1	69
161	Altered Brain Response to Drinking Glucose and Fructose in Obese Adolescents. <i>Diabetes</i> , 2016, 65, 1929-1939.	0.6	69
162	Patterns of functional magnetic resonance imaging activation in association with structural lesions in the rolandic region: a classification system. <i>Journal of Neurosurgery</i> , 2001, 94, 946-954.	1.6	68

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163	Gradient moment nulling in fast spin echo. <i>Magnetic Resonance in Medicine</i> , 1994, 32, 698-706.	3.0	67
164	Tracking myocardial deformation using phase contrast MR velocity fields: a stochastic approach. <i>IEEE Transactions on Medical Imaging</i> , 1996, 15, 453-465.	8.9	66
165	Multivariate approaches improve the reliability and validity of functional connectivity and prediction of individual behaviors. <i>NeuroImage</i> , 2019, 197, 212-223.	4.2	66
166	The Functional Neural Architecture of Components of Attention in Language-Processing Tasks. <i>NeuroImage</i> , 2001, 13, 601-612.	4.2	65
167	Reorganization of brain connectivity in obesity. <i>Human Brain Mapping</i> , 2017, 38, 1403-1420.	3.6	65
168	Contrast, Resolution, and Detectability in MR Imaging. <i>Journal of Computer Assisted Tomography</i> , 1991, 15, 297-303.	0.9	64
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