

# R Todd Constable

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Genetic variation in endocannabinoid signaling is associated with differential network-level functional connectivity in youth. <i>Journal of Neuroscience Research</i> , 2022, 100, 731-743.	2.9	8
2	Graph theory analysis of whole brain functional connectivity to assess disturbances associated with suicide attempts in bipolar disorder. <i>Translational Psychiatry</i> , 2022, 12, 7.	4.8	7
3	Inside information: Systematic within-node functional connectivity changes observed across tasks or groups. <i>NeuroImage</i> , 2022, 247, 118792.	4.2	4
4	A protocol for working with open-source neuroimaging datasets. <i>STAR Protocols</i> , 2022, 3, 101077.	1.2	0
5	Associations among Household and Neighborhood Socioeconomic Disadvantages, Resting-state Frontoamygdala Connectivity, and Internalizing Symptoms in Youth. <i>Journal of Cognitive Neuroscience</i> , 2022, 34, 1810-1841.	2.3	10
6	A brain-based general measure of attention. <i>Nature Human Behaviour</i> , 2022, 6, 782-795.	12.0	12
7	Impaired neurogenesis alters brain biomechanics in a neuroprogenitor-based genetic subtype of congenital hydrocephalus. <i>Nature Neuroscience</i> , 2022, 25, 458-473.	14.8	46
8	Functional Connectome-Based Predictive Modeling in Autism. <i>Biological Psychiatry</i> , 2022, 92, 626-642.	1.3	20
9	A cognitive state transformation model for task-general and task-specific subsystems of the brain connectome. <i>NeuroImage</i> , 2022, 257, 119279.	4.2	4
10	Arousal impacts distributed hubs modulating the integration of brain functional connectivity. <i>NeuroImage</i> , 2022, 258, 119364.	4.2	10
11	Brain structural covariation linked to screen media activity and externalizing behaviors in children. <i>Journal of Behavioral Addictions</i> , 2022, , .	3.7	3
12	Structural and functional brain changes in hepatic and neurological Wilson disease. <i>Brain Imaging and Behavior</i> , 2021, 15, 2269-2282.	2.1	12
13	Altered frontal cortex functioning in emotion regulation and hopelessness in bipolar disorder. <i>Bipolar Disorders</i> , 2021, 23, 152-164.	1.9	15
14	A hitchhiker's guide to working with large, open-source neuroimaging datasets. <i>Nature Human Behaviour</i> , 2021, 5, 185-193.	12.0	33
15	Transdiagnostic, Connectome-Based Prediction of Memory Constructs Across Psychiatric Disorders. <i>Cerebral Cortex</i> , 2021, 31, 2523-2533.	2.9	38
16	Brain anatomical covariation patterns linked to binge drinking and age at first full drink. <i>NeuroImage: Clinical</i> , 2021, 29, 102529.	2.7	10
17	Associations Between Trauma Exposure, Internalizing Symptoms, and Functional Connectivity in Youth. <i>Biological Psychiatry</i> , 2021, 89, S323-S324.	1.3	0
18	Individual Differences in the Functional Organization of Infants. <i>Biological Psychiatry</i> , 2021, 89, S78.	1.3	0

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19	Imaging and Reimagining the Mind: fMRI and Psychiatric Illness. <i>Biological Psychiatry</i> , 2021, 89, e45-e47.	1.3	3
20	A Graph Theoretical Connectome Measure to Assess Whole Brain Functional Connectivity Disturbances Associated With Suicide Attempts in Bipolar Disorder. <i>Biological Psychiatry</i> , 2021, 89, S296.	1.3	0
21	Using functional connectivity models to characterize relationships between working and episodic memory. <i>Brain and Behavior</i> , 2021, 11, e02105.	2.2	5
22	Brainhack: Developing a culture of open, inclusive, community-driven neuroscience. <i>Neuron</i> , 2021, 109, 1769-1775.	8.1	27
23	Baseline brain function in the preadolescents of the ABCD Study. <i>Nature Neuroscience</i> , 2021, 24, 1176-1186.	14.8	48
24	A guide to the measurement and interpretation of fMRI test-retest reliability. <i>Current Opinion in Behavioral Sciences</i> , 2021, 40, 27-32.	3.9	100
25	Resample aggregating improves the generalizability of connectome predictive modeling. <i>NeuroImage</i> , 2021, 236, 118044.	4.2	10
26	Within node connectivity changes, not simply edge changes, influence graph theory measures in functional connectivity studies of the brain. <i>NeuroImage</i> , 2021, 240, 118332.	4.2	15
27	Substance use patterns in 9-10 year olds: Baseline findings from the adolescent brain cognitive development (ABCD) study. <i>Drug and Alcohol Dependence</i> , 2021, 227, 108946.	3.2	19
28	A graph theory-based whole brain approach to assess mood state differences in adolescents and young adults with bipolar disorder. <i>Bipolar Disorders</i> , 2021, , .	1.9	2
29	OUP accepted manuscript. <i>Cerebral Cortex</i> , 2021, , .	2.9	2
30	Differential Resting State Connectivity Responses to Glycemic State in Type 1 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 1-13.	3.6	95
31	Individualized functional networks reconfigure with cognitive state. <i>NeuroImage</i> , 2020, 206, 116233.	4.2	54
32	Regions and Connections: Complementary Approaches to Characterize Brain Organization and Function. <i>Neuroscientist</i> , 2020, 26, 117-133.	3.5	23
33	Extracellular pH mapping of liver cancer on a clinical 3T MRI scanner. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 1553-1564.	3.0	30
34	Simultaneous mesoscopic and two-photon imaging of neuronal activity in cortical circuits. <i>Nature Methods</i> , 2020, 17, 107-113.	19.0	102
35	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
36	Cluster failure or power failure? Evaluating sensitivity in cluster-level inference. <i>NeuroImage</i> , 2020, 209, 116468.	4.2	62

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37	Mood State Differences in Intrinsic Connectivity Distribution of Adolescents and Young Adults With Bipolar Disorder. <i>Biological Psychiatry</i> , 2020, 87, S416-S417.	1.3	0
38	Behavioral and brain signatures of substance use vulnerability in childhood. <i>Developmental Cognitive Neuroscience</i> , 2020, 46, 100878.	4.0	23
39	How Tasks Change Whole-Brain Functional Organization to Reveal Brain-Phenotype Relationships. <i>Cell Reports</i> , 2020, 32, 108066.	6.4	62
40	Simultaneous cortex-wide fluorescence Ca <sup>2+</sup> imaging and whole-brain fMRI. <i>Nature Methods</i> , 2020, 17, 1262-1271.	19.0	111
41	Connectome-based models can predict early symptom improvement in major depressive disorder. <i>Journal of Affective Disorders</i> , 2020, 273, 442-452.	4.1	35
42	What Can Machine Learning Do for Psychiatry?. <i>Biological Psychiatry</i> , 2020, 87, S462.	1.3	0
43	Preliminary Phenotypic Feature Capture During Clinical Interaction. <i>Biological Psychiatry</i> , 2020, 87, S212-S213.	1.3	1
44	Hippocampal seed connectome-based modeling predicts the feeling of stress. <i>Nature Communications</i> , 2020, 11, 2650.	12.8	37
45	Connectome-based neurofeedback: A pilot study to improve sustained attention. <i>NeuroImage</i> , 2020, 212, 116684.	4.2	28
46	Identifying Individual Differences in the Functional Organization of the Neonatal Brain. <i>Biological Psychiatry</i> , 2020, 87, S82.	1.3	0
47	Correspondence Between Perceived Pubertal Development and Hormone Levels in 9-10 Year-Olds From the Adolescent Brain Cognitive Development Study. <i>Frontiers in Endocrinology</i> , 2020, 11, 549928.	3.5	45
48	Identification of a brain fingerprint for overweight and obesity. <i>Physiology and Behavior</i> , 2020, 222, 112940.	2.1	21
49	Low-motion fMRI data can be obtained in pediatric participants undergoing a 60-minute scan protocol. <i>Scientific Reports</i> , 2020, 10, 21855.	3.3	18
50	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
51	Image processing and analysis methods for the Adolescent Brain Cognitive Development Study. <i>NeuroImage</i> , 2019, 202, 116091.	4.2	539
52	An information network flow approach for measuring functional connectivity and predicting behavior. <i>Brain and Behavior</i> , 2019, 9, e01346.	2.2	12
53	Combining multiple connectomes improves predictive modeling of phenotypic measures. <i>NeuroImage</i> , 2019, 201, 116038.	4.2	109
54	S179. Transdiagnostic Prediction of Memory and Executive Function From Whole-Brain Functional Connectivity. <i>Biological Psychiatry</i> , 2019, 85, S366-S367.	1.3	0

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55	A decade of test-retest reliability of functional connectivity: A systematic review and meta-analysis. <i>NeuroImage</i> , 2019, 203, 116157.	4.2	370
56	Multisite reliability and repeatability of an advanced brain MRI protocol. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 878-888.	3.4	27
57	The individual functional connectome is unique and stable over months to years. <i>NeuroImage</i> , 2019, 189, 676-687.	4.2	156
58	Dynamic flipping angle ECG gating with nuisance signal regression improves resting-state BOLD functional connectivity mapping by reducing cardiogenic noise. <i>Magnetic Resonance in Medicine</i> , 2019, 82, 911-923.	3.0	2
59	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
60	The Functional Brain Organization of an Individual Allows Prediction of Measures of Social Abilities Transdiagnostically in Autism and Attention-Deficit/Hyperactivity Disorder. <i>Biological Psychiatry</i> , 2019, 86, 315-326.	1.3	95
61	Ten simple rules for predictive modeling of individual differences in neuroimaging. <i>NeuroImage</i> , 2019, 193, 35-45.	4.2	273
62	Clinical Potential of a New Approach to MRI Acceleration. <i>Scientific Reports</i> , 2019, 9, 1912.	3.3	8
63	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
64	The uniqueness of the individual functional connectome. , 2019, , 63-81.		2
65	Data-Driven Analysis of Functional Connectivity Reveals a Potential Auditory Verbal Hallucination Network. <i>Schizophrenia Bulletin</i> , 2019, 45, 415-424.	4.3	32
66	Combining Multiple Behavioral Measures and Multiple Connectomes via Multipath Canonical Correlation Analysis. <i>Lecture Notes in Computer Science</i> , 2019, , 772-780.	1.3	0
67	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
68	Considering factors affecting the connectome-based identification process: Comment on Waller et al.. <i>NeuroImage</i> , 2018, 169, 172-175.	4.2	50
69	Presurgical language fMRI: Clinical practices and patient outcomes in epilepsy surgical planning. <i>Human Brain Mapping</i> , 2018, 39, 2777-2785.	3.6	41
70	Topographic organization of the cerebral cortex and brain cartography. <i>NeuroImage</i> , 2018, 170, 332-347.	4.2	148
71	Gray matter relationships to diagnostic and transdiagnostic features of drug and behavioral addictions. <i>Addiction Biology</i> , 2018, 23, 394-402.	2.6	97
72	Gradient nonlinearity effects on upper cervical spinal cord area measurement from 3D T <sub>1</sub> -weighted brain MRI acquisitions. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 1595-1601.	3.0	27

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73	Connectome-based Models Predict Separable Components of Attention in Novel Individuals. <i>Journal of Cognitive Neuroscience</i> , 2018, 30, 160-173.	2.3	82
74	An exemplar-based approach to individualized parcellation reveals the need for sex specific functional networks. <i>NeuroImage</i> , 2018, 170, 54-67.	4.2	38
75	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
76	The NAIMS cooperative pilot project: Design, implementation and future directions. <i>Multiple Sclerosis Journal</i> , 2018, 24, 1770-1772.	3.0	12
77	Insula as the Interface Between Body Awareness and Movement: A Neurofeedback-Guided Kinesthetic Motor Imagery Study in Parkinson's Disease. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 496.	2.0	26
78	Combining Multiple Connectomes via Canonical Correlation Analysis Improves Predictive Models. <i>Lecture Notes in Computer Science</i> , 2018, , 349-356.	1.3	1
79	Task-induced brain state manipulation improves prediction of individual traits. <i>Nature Communications</i> , 2018, 9, 2807.	12.8	346
80	Exploring the prediction of emotional valence and pharmacologic effect across fMRI studies of antidepressants. <i>NeuroImage: Clinical</i> , 2018, 20, 407-414.	2.7	8
81	79. Transdiagnostic Prediction of Memory and Cognitive Abilities From Functional Connectivity Data: A Multidimensional Connectome-Based Predictive Modeling Study. <i>Biological Psychiatry</i> , 2018, 83, S33.	1.3	0
82	Trait paranoia shapes inter-subject synchrony in brain activity during an ambiguous social narrative. <i>Nature Communications</i> , 2018, 9, 2043.	12.8	117
83	Task integration for connectome-based prediction via canonical correlation analysis. , 2018, , .		3
84	Hypoglycemia unawareness in type 1 diabetes suppresses brain responses to hypoglycemia. <i>Journal of Clinical Investigation</i> , 2018, 128, 1485-1495.	8.2	32
85	Alterations in Anatomical Covariance in the Prematurely Born. <i>Cerebral Cortex</i> , 2017, 27, bhv248.	2.9	40
86	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
87	Metonymy as Referential Dependency: Psycholinguistic and Neurolinguistic Arguments for a Unified Linguistic Treatment. <i>Cognitive Science</i> , 2017, 41, 351-378.	1.7	16
88	Weak functional connectivity in the human fetal brain prior to preterm birth. <i>Scientific Reports</i> , 2017, 7, 39286.	3.3	128
89	Multi-modal analysis of functional connectivity and cerebral blood flow reveals shared and unique effects of propofol in large-scale brain networks. <i>NeuroImage</i> , 2017, 148, 130-140.	4.2	40
90	Characterizing Attention with Predictive Network Models. <i>Trends in Cognitive Sciences</i> , 2017, 21, 290-302.	7.8	121

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91	Using connectome-based predictive modeling to predict individual behavior from brain connectivity. <i>Nature Protocols</i> , 2017, 12, 506-518.	12.0	766
92	Multisite reliability of MR-based functional connectivity. <i>NeuroImage</i> , 2017, 146, 959-970.	4.2	140
93	O-space with high resolution readouts outperforms radial imaging. <i>Magnetic Resonance Imaging</i> , 2017, 37, 107-115.	1.8	8
94	Presurgical language fMRI: Mapping of six critical regions. <i>Human Brain Mapping</i> , 2017, 38, 4239-4255.	3.6	87
95	Can brain state be manipulated to emphasize individual differences in functional connectivity?. <i>NeuroImage</i> , 2017, 160, 140-151.	4.2	266
96	Cingulate cortex functional connectivity predicts future relapse in alcohol dependent individuals. <i>NeuroImage: Clinical</i> , 2017, 13, 181-187.	2.7	61
97	Altered functional connectivity to stressful stimuli in prenatally cocaine-exposed adolescents. <i>Drug and Alcohol Dependence</i> , 2017, 180, 129-136.	3.2	12
98	Does prenatal stress alter the developing connectome?. <i>Pediatric Research</i> , 2017, 81, 214-226.	2.3	120
99	Reorganization of brain connectivity in obesity. <i>Human Brain Mapping</i> , 2017, 38, 1403-1420.	3.6	65
100	Influences on the Test-Retest Reliability of Functional Connectivity MRI and its Relationship with Behavioral Utility. <i>Cerebral Cortex</i> , 2017, 27, 5415-5429.	2.9	300
101	Diffusion Tensor Imaging in Patients with Glioblastoma Multiforme Using the Supertoroidal Model. <i>PLoS ONE</i> , 2016, 11, e0146693.	2.5	12
102	The Localization of Long-Distance Dependency Components: Integrating the Focal-lesion and Neuroimaging Record. <i>Frontiers in Psychology</i> , 2016, 7, 1434.	2.1	6
103	Experimental O-space turbo spin echo imaging. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 1654-1661.	3.0	16
104	Altered Brain Response to Drinking Glucose and Fructose in Obese Adolescents. <i>Diabetes</i> , 2016, 65, 1929-1939.	0.6	69
105	Functional magnetic resonance connectivity studies in infants born preterm: suggestions of proximate and long-lasting changes in language organization. <i>Developmental Medicine and Child Neurology</i> , 2016, 58, 28-34.	2.1	36
106	Food image-induced brain activation is not diminished by insulin infusion. <i>International Journal of Obesity</i> , 2016, 40, 1679-1686.	3.4	15
107	Fluctuations in Global Brain Activity Are Associated With Changes in Whole-Brain Connectivity of Functional Networks. <i>IEEE Transactions on Biomedical Engineering</i> , 2016, 63, 2540-2549.	4.2	21
108	Methylphenidate Modulates Functional Network Connectivity to Enhance Attention. <i>Journal of Neuroscience</i> , 2016, 36, 9547-9557.	3.6	88

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109	Prenatal stress alters amygdala functional connectivity in preterm neonates. <i>NeuroImage: Clinical</i> , 2016, 12, 381-388.	2.7	100
110	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
111	Comparison of regional skeletal muscle tissue oxygenation in college athletes and sedentary control subjects using quantitative BOLD MR imaging. <i>Physiological Reports</i> , 2016, 4, e12903.	1.7	18
112	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
113	Impaired consciousness in patients with absence seizures investigated by functional MRI, EEG, and behavioural measures: a cross-sectional study. <i>Lancet Neurology</i> , The, 2016, 15, 1336-1345.	10.2	85
114	Language at rest: A longitudinal study of intrinsic functional connectivity in preterm children. <i>NeuroImage: Clinical</i> , 2016, 11, 149-157.	2.7	11
115	Fast rotary nonlinear spatial acquisition (FRONSAC) imaging. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 1154-1165.	3.0	16
116	Normalization of brain morphology after surgery in sagittal craniosynostosis. <i>Journal of Neurosurgery: Pediatrics</i> , 2016, 17, 460-468.	1.3	23
117	Functional Connectivity During Exposure to Favorite-Food, Stress, and Neutral-Relaxing Imagery Differs Between Smokers and Nonsmokers. <i>Nicotine and Tobacco Research</i> , 2016, 18, 1820-1829.	2.6	12
118	Application of BOLD Magnetic Resonance Imaging for Evaluating Regional Volumetric Foot Tissue Oxygenation: A Feasibility Study in Healthy Volunteers. <i>European Journal of Vascular and Endovascular Surgery</i> , 2016, 51, 743-749.	1.5	22
119	A neuromarker of sustained attention from whole-brain functional connectivity. <i>Nature Neuroscience</i> , 2016, 19, 165-171.	14.8	833
120	Preterm birth alters neonatal, functional rich club organization. <i>Brain Structure and Function</i> , 2016, 221, 3211-3222.	2.3	71
121	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
122	Radiofrequency pulse design using nonlinear gradient magnetic fields. <i>Magnetic Resonance in Medicine</i> , 2015, 74, 826-839.	3.0	10
123	Algebraic reconstruction technique for parallel imaging reconstruction of undersampled radial data: Application to cardiac cine. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 1643-1653.	3.0	8
124	Radiofrequency pulse design using nonlinear gradient magnetic fields. <i>Magnetic Resonance in Medicine</i> , 2015, 74, spcone.	3.0	0
125	Cerebral Lateralization is Protective in the Very Prematurely Born. <i>Cerebral Cortex</i> , 2015, 25, 1858-1866.	2.9	49
126	The (in)stability of functional brain network measures across thresholds. <i>NeuroImage</i> , 2015, 118, 651-661.	4.2	228



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127	Accelerate single-shot data acquisitions using compressed sensing and FRONSAC imaging. , 2015, , .		1
128	Sex differences in normal age trajectories of functional brain networks. Human Brain Mapping, 2015, 36, 1524-1535.	3.6	207
129	Adaptive mechanisms of developing brain: Cerebral lateralization in the prematurely-born. NeuroImage, 2015, 108, 144-150.	4.2	58
130	MRI and fMRI Optimizations and Applications. , 2015, , 183-190.		0
131	Meditation leads to reduced default mode network activity beyond an active task. Cognitive, Affective and Behavioral Neuroscience, 2015, 15, 712-720.	2.0	165
132	Predicting moment-to-moment attentional state. NeuroImage, 2015, 114, 249-256.	4.2	58
133	Functional connectome fingerprinting: identifying individuals using patterns of brain connectivity. Nature Neuroscience, 2015, 18, 1664-1671.	14.8	2,191
134	Pseudo-random center placement O-space imaging for improved incoherence compressed sensing parallel MRI. Magnetic Resonance in Medicine, 2015, 73, 2212-2224.	3.0	20
135	Challenges in fMRI and Its Limitations. , 2015, , 51-69.		0
136	Functional Connectivity MR Imaging. , 2015, , 83-104.		0
137	Single Echo MRI. PLoS ONE, 2014, 9, e86008.	2.5	6
138	Modulating Intrinsic Connectivity: Adjacent Subregions within Supplementary Motor Cortex, Dorsolateral Prefrontal Cortex, and Parietal Cortex Connect to Separate Functional Networks during Task and Also Connect during Rest. PLoS ONE, 2014, 9, e90672.	2.5	12
139	Altered functional connectivity in seizure onset zones revealed by fMRI intrinsic connectivity. Neurology, 2014, 83, 2269-2277.	1.1	69
140	Accelerate data acquisition using Turbo Spin Echo and O-Space. , 2014, , .		1
141	Functional MRI Signal Fluctuations: A Preclinical Biomarker for Cognitive Impairment in Type 2 Diabetes?. Diabetes, 2014, 63, 396-398.	0.6	5
142	BOLD signal and functional connectivity associated with loving kindness meditation. Brain and Behavior, 2014, 4, 337-347.	2.2	60
143	Noninvasive MRI measurement of the absolute cerebral blood volume-cerebral blood flow relationship during visual stimulation in healthy humans. Magnetic Resonance in Medicine, 2014, 72, 864-875.	3.0	11
144	Reliability of neuroanatomical measurements in a multisite longitudinal study of youth at risk for psychosis. Human Brain Mapping, 2014, 35, 2424-2434.	3.6	76

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145	GABA, Resting-State Connectivity and the Developing Brain. <i>Neonatology</i> , 2014, 106, 149-155.	2.0	55
146	2D Magnetic Resonance Electrical Property Tomography based on B <sub>1</sub> field mapping. , 2014, 2014, 6060-3.		1
147	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
148	Altered brain connectivity in sagittal craniosynostosis. <i>Journal of Neurosurgery: Pediatrics</i> , 2014, 13, 690-698.	1.3	35
149	Leptin Is Associated With Exaggerated Brain Reward and Emotion Responses to Food Images in Adolescent Obesity. <i>Diabetes Care</i> , 2014, 37, 3061-3068.	8.6	64
150	The impact of image smoothness on intrinsic functional connectivity and head motion confounds. <i>NeuroImage</i> , 2014, 95, 13-21.	4.2	62
151	Multiecho acquisition of O <sub>2</sub> space data. <i>Magnetic Resonance in Medicine</i> , 2014, 72, 1648-1657.	3.0	7
152	Noninvasive quantification of absolute cerebral blood volume during functional activation applicable to the whole human brain. <i>Magnetic Resonance in Medicine</i> , 2014, 71, 580-590.	3.0	11
153	Coupled Intrinsic Connectivity Distribution Analysis: A Method for Exploratory Connectivity Analysis of Paired fMRI Data. <i>PLoS ONE</i> , 2014, 9, e93544.	2.5	8
154	Coupled Intrinsic Connectivity: A Principled Method for Exploratory Analysis of Paired Data. <i>Mathematics and Visualization</i> , 2014, , 219-227.	0.6	0
155	In vivo O <sub>2</sub> space imaging with a dedicated 12 cm <i>Z</i> <sup>2</sup> insert coil on a human 3T scanner using phase map calibration. <i>Magnetic Resonance in Medicine</i> , 2013, 69, 444-455.	3.0	31
156	Disrupted Ventromedial Prefrontal Function, Alcohol Craving, and Subsequent Relapse Risk. <i>JAMA Psychiatry</i> , 2013, 70, 727.	11.0	245
157	A Graphics Processing Unit Accelerated Motion Correction Algorithm and Modular System for Real-time fMRI. <i>Neuroinformatics</i> , 2013, 11, 291-300.	2.8	19
158	Groupwise whole-brain parcellation from resting-state fMRI data for network node identification. <i>NeuroImage</i> , 2013, 82, 403-415.	4.2	858
159	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
160	Real-time fMRI links subjective experience with brain activity during focused attention. <i>NeuroImage</i> , 2013, 81, 110-118.	4.2	114
161	A left cerebellar pathway mediates language in prematurely-born young adults. <i>NeuroImage</i> , 2013, 64, 371-378.	4.2	47
162	Reduced genual corpus callosal white matter integrity in pathological gambling and its relationship to alcohol abuse or dependence. <i>World Journal of Biological Psychiatry</i> , 2013, 14, 129-138.	2.6	90

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163	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
164	A feasibility study of magnetic resonance driven electrical impedance tomography using a phantom. <i>Physiological Measurement</i> , 2013, 34, 623-644.	2.1	4
165	Potential Use and Challenges of Functional Connectivity Mapping in Intractable Epilepsy. <i>Frontiers in Neurology</i> , 2013, 4, 39.	2.4	50
166	A preliminary investigation of Stroop-related intrinsic connectivity in cocaine dependence: associations with treatment outcomes. <i>American Journal of Drug and Alcohol Abuse</i> , 2013, 39, 392-402.	2.1	53
167	Orbitofrontal cortex neurofeedback produces lasting changes in contamination anxiety and resting-state connectivity. <i>Translational Psychiatry</i> , 2013, 3, e250-e250.	4.8	154
168	The role of nonlinear gradients in parallel imaging: A k-space based analysis. <i>Concepts in Magnetic Resonance Part A: Bridging Education and Research</i> , 2012, 40A, 253-267.	0.5	15
169	The intrinsic connectivity distribution: A novel contrast measure reflecting voxel level functional connectivity. <i>NeuroImage</i> , 2012, 62, 1510-1519.	4.2	98
170	Variants in the DYX2 locus are associated with altered brain activation in reading-related brain regions in subjects with reading disability. <i>NeuroImage</i> , 2012, 63, 148-156.	4.2	54
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