

Bharat B Biswal

List of Publications by Citations

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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.

233
papers

23,714
citations

54
h-index

153
g-index

281
ext. papers

28,631
ext. citations

5.2
avg, IF

6.92
L-index

#	Paper	IF	Citations
233	Functional connectivity in the motor cortex of resting human brain using echo-planar MRI. <i>Magnetic Resonance in Medicine</i> , 1995 , 34, 537-41	4.4	6922
232	Toward discovery science of human brain function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 4734-9	11.5	2183
231	Competition between functional brain networks mediates behavioral variability. <i>NeuroImage</i> , 2008 , 39, 527-37	7.9	935
230	The oscillating brain: complex and reliable. <i>NeuroImage</i> , 2010 , 49, 1432-45	7.9	911
229	Functional connectivity of default mode network components: correlation, anticorrelation, and causality. <i>Human Brain Mapping</i> , 2009 , 30, 625-37	5.9	771
228	The resting brain: unconstrained yet reliable. <i>Cerebral Cortex</i> , 2009 , 19, 2209-29	5.1	706
227	Cingulate-precuneus interactions: a new locus of dysfunction in adult attention-deficit/hyperactivity disorder. <i>Biological Psychiatry</i> , 2008 , 63, 332-7	7.9	671
226	Mapping the functional connectivity of anterior cingulate cortex. <i>NeuroImage</i> , 2007 , 37, 579-88	7.9	581
225	Functional connectivity of the human amygdala using resting state fMRI. <i>NeuroImage</i> , 2009 , 45, 614-26	7.9	572
224	Simultaneous assessment of flow and BOLD signals in resting-state functional connectivity maps. <i>NMR in Biomedicine</i> , 1997 , 10, 165-70	4.4	438
223	The NKI-Rockland Sample: A Model for Accelerating the Pace of Discovery Science in Psychiatry. <i>Frontiers in Neuroscience</i> , 2012 , 6, 152	5.1	437
222	Network homogeneity reveals decreased integrity of default-mode network in ADHD. <i>Journal of Neuroscience Methods</i> , 2008 , 169, 249-54	3	322
221	Resting state fMRI: a personal history. <i>NeuroImage</i> , 2012 , 62, 938-44	7.9	295
220	Variability in the analysis of a single neuroimaging dataset by many teams. <i>Nature</i> , 2020 , 582, 84-88	50.4	281
219	Inter-individual differences in resting-state functional connectivity predict task-induced BOLD activity. <i>NeuroImage</i> , 2010 , 50, 1690-701	7.9	281
218	A DCM for resting state fMRI. <i>NeuroImage</i> , 2014 , 94, 396-407	7.9	269
217	Neural correlates of cognitive efficiency. <i>NeuroImage</i> , 2006 , 33, 969-79	7.9	262

216	Graph theoretical analysis of functional brain networks: test-retest evaluation on short- and long-term resting-state functional MRI data. <i>PLoS ONE</i> , 2011 , 6, e21976	3.7	252
215	An open science resource for establishing reliability and reproducibility in functional connectomics. <i>Scientific Data</i> , 2014 , 1, 140049	8.2	247
214	Reduction of physiological fluctuations in fMRI using digital filters. <i>Magnetic Resonance in Medicine</i> , 1996 , 35, 107-13	4.4	246
213	Characterizing variation in the functional connectome: promise and pitfalls. <i>Trends in Cognitive Sciences</i> , 2012 , 16, 181-8	14	190
212	Resting network plasticity following brain injury. <i>PLoS ONE</i> , 2009 , 4, e8220	3.7	181
211	Blind source separation of multiple signal sources of fMRI data sets using independent component analysis. <i>Journal of Computer Assisted Tomography</i> , 1999 , 23, 265-71	2.2	180
210	Resting-state functional connectivity of the rat brain. <i>Magnetic Resonance in Medicine</i> , 2008 , 59, 1021-9	4.4	170
209	Linking inter-individual differences in neural activation and behavior to intrinsic brain dynamics. <i>NeuroImage</i> , 2011 , 54, 2950-9	7.9	165
208	Slow vasomotor fluctuation in fMRI of anesthetized child brain. <i>Magnetic Resonance in Medicine</i> , 2000 , 44, 373-8	4.4	145
207	Cocaine administration decreases functional connectivity in human primary visual and motor cortex as detected by functional MRI. <i>Magnetic Resonance in Medicine</i> , 2000 , 43, 45-51	4.4	141
206	High-resolution fMRI using multislice partial k-space GR-EPI with cubic voxels. <i>Magnetic Resonance in Medicine</i> , 2001 , 46, 114-25	4.4	135
205	Glutamatergic and resting-state functional connectivity correlates of severity in major depression - the role of pregenual anterior cingulate cortex and anterior insula. <i>Frontiers in Systems Neuroscience</i> , 2010 , 4,	3.5	128
204	Task vs. rest-different network configurations between the coactivation and the resting-state brain networks. <i>Frontiers in Human Neuroscience</i> , 2013 , 7, 493	3.3	123
203	Functional integration between brain regions at rest occurs in multiple-frequency bands. <i>Brain Connectivity</i> , 2015 , 5, 23-34	2.7	121
202	A protocol for use of medetomidine anesthesia in rats for extended studies using task-induced BOLD contrast and resting-state functional connectivity. <i>NeuroImage</i> , 2009 , 46, 1137-47	7.9	107
201	Metabolic brain covariant networks as revealed by FDG-PET with reference to resting-state fMRI networks. <i>Brain Connectivity</i> , 2012 , 2, 275-83	2.7	105
200	Interhemispheric neuroplasticity following limb deafferentation detected by resting-state functional connectivity magnetic resonance imaging (fcMRI) and functional magnetic resonance imaging (fMRI). <i>NeuroImage</i> , 2010 , 49, 2467-78	7.9	101
199	Detection and scaling of task-induced fMRI-BOLD response using resting state fluctuations. <i>NeuroImage</i> , 2008 , 40, 1567-74	7.9	101

198	Spatio-temporal characteristics of low-frequency BOLD signal fluctuations in isoflurane-anesthetized rat brain. <i>NeuroImage</i> , 2008 , 40, 1738-47	7.9	100
197	Characterizing dynamic amplitude of low-frequency fluctuation and its relationship with dynamic functional connectivity: An application to schizophrenia. <i>NeuroImage</i> , 2018 , 180, 619-631	7.9	97
196	Dynamic brain functional connectivity modulated by resting-state networks. <i>Brain Structure and Function</i> , 2015 , 220, 37-46	4	95
195	Advancing functional connectivity research from association to causation. <i>Nature Neuroscience</i> , 2019 , 22, 1751-1760	25.5	91
194	Identifying the default mode network structure using dynamic causal modeling on resting-state functional magnetic resonance imaging. <i>NeuroImage</i> , 2014 , 86, 53-9	7.9	91
193	Neural and vascular variability and the fMRI-BOLD response in normal aging. <i>Magnetic Resonance Imaging</i> , 2010 , 28, 466-76	3.3	89
192	High prevalence of NMDA receptor IgA/IgM antibodies in different dementia types. <i>Annals of Clinical and Translational Neurology</i> , 2014 , 1, 822-32	5.3	78
191	Towards understanding rTMS mechanism of action: Stimulation of the DLPFC causes network-specific increase in functional connectivity. <i>NeuroImage</i> , 2017 , 162, 289-296	7.9	78
190	The influence of the amplitude of low-frequency fluctuations on resting-state functional connectivity. <i>Frontiers in Human Neuroscience</i> , 2013 , 7, 118	3.3	76
189	Functional topography of the thalamocortical system in human. <i>Brain Structure and Function</i> , 2016 , 221, 1971-84	4	75
188	Frequency dependent hub role of the dorsal and ventral right anterior insula. <i>NeuroImage</i> , 2018 , 165, 112-117	7.9	74
187	Music Intervention Leads to Increased Insular Connectivity and Improved Clinical Symptoms in Schizophrenia. <i>Frontiers in Neuroscience</i> , 2017 , 11, 744	5.1	73
186	Calibrating BOLD fMRI activations with neurovascular and anatomical constraints. <i>Cerebral Cortex</i> , 2013 , 23, 255-63	5.1	69
185	Increasing measurement accuracy of age-related BOLD signal change: minimizing vascular contributions by resting-state-fluctuation-of-amplitude scaling. <i>Human Brain Mapping</i> , 2011 , 32, 1125-40	5.9	68
184	Vision therapy in adults with convergence insufficiency: clinical and functional magnetic resonance imaging measures. <i>Optometry and Vision Science</i> , 2010 , 87, E985-1002	2.1	68
183	Modulatory interactions between the default mode network and task positive networks in resting-state. <i>PeerJ</i> , 2014 , 2, e367	3.1	68
182	Regional homogeneity of resting-state fMRI contributes to both neurovascular and task activation variations. <i>Magnetic Resonance Imaging</i> , 2013 , 31, 1492-500	3.3	65
181	Cerebral blood flow is reduced in chronic fatigue syndrome as assessed by arterial spin labeling. <i>Journal of the Neurological Sciences</i> , 2011 , 301, 9-11	3.2	62

180	Hemodynamic scaling of fMRI-BOLD signal: validation of low-frequency spectral amplitude as a scalability factor. <i>Magnetic Resonance Imaging</i> , 2007 , 25, 1358-69	3.3	61
179	Transient increased thalamic-sensory connectivity and decreased whole-brain dynamism in autism. <i>NeuroImage</i> , 2019 , 190, 191-204	7.9	54
178	Resting-state brain organization revealed by functional covariance networks. <i>PLoS ONE</i> , 2011 , 6, e28817	3.7	54
177	Assessment of the impact of shared brain imaging data on the scientific literature. <i>Nature Communications</i> , 2018 , 9, 2818	17.4	53
176	Prediction of Task-Related BOLD fMRI with Amplitude Signatures of Resting-State fMRI. <i>Frontiers in Systems Neuroscience</i> , 2012 , 6, 7	3.5	51
175	Effect of hemodilution on RBC velocity, supply rate, and hematocrit in the cerebral capillary network. <i>Journal of Applied Physiology</i> , 1999 , 87, 505-9	3.7	47
174	Exploring the functional connectome in white matter. <i>Human Brain Mapping</i> , 2019 , 40, 4331-4344	5.9	46
173	Fully exploratory network independent component analysis of the 1000 functional connectomes database. <i>Frontiers in Human Neuroscience</i> , 2012 , 6, 301	3.3	46
172	Endless Fluctuations: Temporal Dynamics of the Amplitude of Low Frequency Fluctuations. <i>IEEE Transactions on Medical Imaging</i> , 2019 , 38, 2523-2532	11.7	44
171	Recovery of resting brain connectivity ensuing mild traumatic brain injury. <i>Frontiers in Human Neuroscience</i> , 2015 , 9, 513	3.3	44
170	Functional anatomy of predictive vergence and saccade eye movements in humans: a functional MRI investigation. <i>Vision Research</i> , 2010 , 50, 2163-75	2.1	44
169	Contour-based registration technique to differentiate between task-activated and head motion-induced signal variations in fMRI. <i>Magnetic Resonance in Medicine</i> , 1997 , 38, 470-6	4.4	43
168	Progressive Reduction in Gray Matter in Patients with Schizophrenia Assessed with MR Imaging by Using Causal Network Analysis. <i>Radiology</i> , 2018 , 287, 633-642	20.5	41
167	Correspondence of executive function related functional and anatomical alterations in aging brain. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014 , 48, 41-50	5.5	39
166	Toward Task Connectomics: Examining Whole-Brain Task Modulated Connectivity in Different Task Domains. <i>Cerebral Cortex</i> , 2019 , 29, 1572-1583	5.1	37
165	Expanded functional coupling of subcortical nuclei with the motor resting-state network in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2013 , 19, 559-66	5	35
164	Task-dependent individual differences in prefrontal connectivity. <i>Cerebral Cortex</i> , 2010 , 20, 2188-97	5.1	34
163	Functional magnetic resonance imaging of auditory cortex in children. <i>Laryngoscope</i> , 1998 , 108, 1782-6	3.6	34

162	Functional activity within the frontal eye fields, posterior parietal cortex, and cerebellar vermis significantly correlates to symmetrical vergence peak velocity: an ROI-based, fMRI study of vergence training. <i>Frontiers in Integrative Neuroscience</i> , 2014 , 8, 50	3.2	33
161	Task modulated brain connectivity of the amygdala: a meta-analysis of psychophysiological interactions. <i>Brain Structure and Function</i> , 2017 , 222, 619-634	4	32
160	Progress in psychoradiology, the clinical application of psychiatric neuroimaging. <i>British Journal of Radiology</i> , 2019 , 92, 20181000	3.4	32
159	Functional covariance networks: obtaining resting-state networks from intersubject variability. <i>Brain Connectivity</i> , 2012 , 2, 203-17	2.7	32
158	Differentiation between vergence and saccadic functional activity within the human frontal eye fields and midbrain revealed through fMRI. <i>PLoS ONE</i> , 2011 , 6, e25866	3.7	32
157	Complex discharge-affecting networks in juvenile myoclonic epilepsy: A simultaneous EEG-fMRI study. <i>Human Brain Mapping</i> , 2016 , 37, 3515-29	5.9	31
156	Altered structure and functional connection in patients with classical trigeminal neuralgia. <i>Human Brain Mapping</i> , 2018 , 39, 609-621	5.9	31
155	A Review of Resting-State Analysis Methods. <i>Neuroimaging Clinics of North America</i> , 2017 , 27, 581-592	3	30
154	Variations in connectivity in the sensorimotor and default-mode networks during the first nocturnal sleep cycle. <i>Brain Connectivity</i> , 2012 , 2, 177-90	2.7	30
153	Age-Dependent Relationships between Prefrontal Cortex Activation and Processing Efficiency. <i>Cognitive Neuroscience</i> , 2011 , 2, 1-10	1.7	30
152	Assessment of unconstrained cerebrovascular reactivity marker for large age-range FMRI studies. <i>PLoS ONE</i> , 2014 , 9, e88751	3.7	30
151	Disruption of brain connectivity in acute stroke patients with early impairment in consciousness. <i>Frontiers in Psychology</i> , 2014 , 4, 956	3.4	29
150	Different Decision-Making Responses Occupy Different Brain Networks for Information Processing: A Study Based on EEG and TMS. <i>Cerebral Cortex</i> , 2019 , 29, 4119-4129	5.1	29
149	Differences on Brain Connectivity in Adulthood Are Present in Subjects with Iron Deficiency Anemia in Infancy. <i>Frontiers in Aging Neuroscience</i> , 2017 , 9, 54	5.3	28
148	Effect of Resting-State fNIRS Scanning Duration on Functional Brain Connectivity and Graph Theory Metrics of Brain Network. <i>Frontiers in Neuroscience</i> , 2017 , 11, 392	5.1	28
147	Reduction in gray matter of cerebellum in schizophrenia and its influence on static and dynamic connectivity. <i>Human Brain Mapping</i> , 2019 , 40, 517-528	5.9	28
146	RESCALE: Voxel-specific task-fMRI scaling using resting state fluctuation amplitude. <i>NeuroImage</i> , 2013 , 70, 80-8	7.9	27
145	Differential fMRI-BOLD signal response to apnea in humans and anesthetized rats. <i>Magnetic Resonance in Medicine</i> , 2002 , 47, 864-70	4.4	26

144	Inter-subject P300 variability relates to the efficiency of brain networks reconfigured from resting- to task-state: Evidence from a simultaneous event-related EEG-fMRI study. <i>NeuroImage</i> , 2020 , 205, 116283	7.9	25
143	Disrupted focal white matter integrity in autism spectrum disorder: A voxel-based meta-analysis of diffusion tensor imaging studies. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018 , 82, 242-248	5.5	25
142	Do all roads lead to Rome? A comparison of brain networks derived from inter-subject volumetric and metabolic covariance and moment-to-moment hemodynamic correlations in old individuals. <i>Brain Structure and Function</i> , 2017 , 222, 3833-3845	4	24
141	Characterizations of resting-state modulatory interactions in the human brain. <i>Journal of Neurophysiology</i> , 2015 , 114, 2785-96	3.2	24
140	Resting-state functional connectivity in animal models: modulations by exsanguination. <i>Methods in Molecular Biology</i> , 2009 , 489, 255-74	1.4	24
139	Differential associations of combined vs. isolated cannabis and nicotine on brain resting state networks. <i>Brain Structure and Function</i> , 2018 , 223, 3317-3326	4	23
138	The Functional Integration in the Sensory-Motor System Predicts Aging in Healthy Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2016 , 8, 306	5.3	23
137	Dependence of BOLD signal fluctuation on arterial blood CO ₂ and O ₂ : Implication for resting-state functional connectivity. <i>NeuroImage</i> , 2015 , 117, 29-39	7.9	23
136	A neuromarker of individual general fluid intelligence from the white-matter functional connectome. <i>Translational Psychiatry</i> , 2020 , 10, 147	8.6	22
135	Test-retest reliability of dynamic functional connectivity in resting state fMRI. <i>NeuroImage</i> , 2018 , 183, 907-918	7.9	22
134	Interhemispheric Functional Brain Connectivity in Neonates with Prenatal Alcohol Exposure: Preliminary Findings. <i>Alcoholism: Clinical and Experimental Research</i> , 2016 , 40, 113-21	3.7	21
133	Real-Time Motor Cortex Mapping for the Safe Resection of Glioma: An Intraoperative Resting-State fMRI Study. <i>American Journal of Neuroradiology</i> , 2017 , 38, 2146-2152	4.4	21
132	Local awakening: regional reorganizations of brain oscillations after sleep. <i>NeuroImage</i> , 2014 , 102 Pt 2, 894-903	7.9	21
131	3D U-Net Based Brain Tumor Segmentation and Survival Days Prediction. <i>Lecture Notes in Computer Science</i> , 2020 , 131-141	0.9	21
130	Ketamine-induced changes in plasma brain-derived neurotrophic factor (BDNF) levels are associated with the resting-state functional connectivity of the prefrontal cortex. <i>World Journal of Biological Psychiatry</i> , 2020 , 21, 696-710	3.8	20
129	Layer-specific interhemispheric functional connectivity in the somatosensory cortex of rats: resting state electrophysiology and fMRI studies. <i>Brain Structure and Function</i> , 2016 , 221, 2801-15	4	19
128	Psychophysiological Interactions in a Visual Checkerboard Task: Reproducibility, Reliability, and the Effects of Deconvolution. <i>Frontiers in Neuroscience</i> , 2017 , 11, 573	5.1	19
127	Regional dynamics of the fMRI-BOLD signal response to hypoxia-hypercapnia in the rat brain. <i>Journal of Magnetic Resonance Imaging</i> , 2003 , 17, 641-7	5.6	19

126	Task-modulated coactivation of vergence neural substrates. <i>Brain Connectivity</i> , 2014 , 4, 595-607	2.7	18
125	Non-neural BOLD variability in block and event-related paradigms. <i>Magnetic Resonance Imaging</i> , 2011 , 29, 140-6	3.3	18
124	Oxytocin differentially modulates specific dorsal and ventral striatal functional connections with frontal and cerebellar regions. <i>NeuroImage</i> , 2019 , 184, 781-789	7.9	18
123	Brain tumors disrupt the resting-state connectome. <i>NeuroImage: Clinical</i> , 2018 , 18, 279-289	5.3	17
122	Task-related functional connectivity dynamics in a block-designed visual experiment. <i>Frontiers in Human Neuroscience</i> , 2015 , 9, 543	3.3	17
121	Abnormal synchrony and effective connectivity in patients with schizophrenia and auditory hallucinations. <i>NeuroImage: Clinical</i> , 2014 , 6, 171-9	5.3	17
120	Resting-State Functional Connectivity: Signal Origins and Analytic Methods. <i>Neuroimaging Clinics of North America</i> , 2020 , 30, 15-23	3	17
119	Artificial intelligence applications in psychoradiology. <i>Psychoradiology</i> , 2021 , 1, 94-107		17
118	Imperfect (de)convolution may introduce spurious psychophysiological interactions and how to avoid it. <i>Human Brain Mapping</i> , 2017 , 38, 1723-1740	5.9	16
117	Altered dynamics of brain segregation and integration in poststroke aphasia. <i>Human Brain Mapping</i> , 2019 , 40, 3398-3409	5.9	16
116	Localized reductions in resting-state functional connectivity in children with prenatal alcohol exposure. <i>Human Brain Mapping</i> , 2017 , 38, 5217-5233	5.9	16
115	Modulatory interactions of resting-state brain functional connectivity. <i>PLoS ONE</i> , 2013 , 8, e71163	3.7	16
114	Segregation of frontoparietal and cerebellar components within saccade and vergence networks using hierarchical independent component analysis of fMRI. <i>Visual Neuroscience</i> , 2011 , 28, 247-61	1.7	16
113	Predicting individual decision-making responses based on single-trial EEG. <i>NeuroImage</i> , 2020 , 206, 116333-9	7.9	16
112	Differences in Cortical Gray Matter Atrophy of Paraplegia and Tetraplegia after Complete Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2019 , 36, 2045-2051	5.4	16
111	Brain gray matter structures associated with trait impulsivity: A systematic review and voxel-based meta-analysis. <i>Human Brain Mapping</i> , 2021 , 42, 2214-2235	5.9	16
110	Disrupted resting brain graph measures in individuals at high risk for alcoholism. <i>Psychiatry Research - Neuroimaging</i> , 2017 , 265, 54-64	2.9	15
109	Common and separable neural alterations in substance use disorders: A coordinate-based meta-analyses of functional neuroimaging studies in humans. <i>Human Brain Mapping</i> , 2020 , 41, 4459-4477	5.9	15

108	Resting-state connectivity and executive functions after pediatric arterial ischemic stroke. <i>NeuroImage: Clinical</i> , 2018 , 17, 359-367	5.3	15
107	Identifying Respiration-Related Aliasing Artifacts in the Rodent Resting-State fMRI. <i>Frontiers in Neuroscience</i> , 2018 , 12, 788	5.1	15
106	Altered Functional Connectivity in Patients With Sloping Sensorineural Hearing Loss. <i>Frontiers in Human Neuroscience</i> , 2019 , 13, 284	3.3	14
105	Comparison of EEG microstates with resting state fMRI and FDG-PET measures in the default mode network via simultaneously recorded trimodal (PET/MR/EEG) data. <i>Human Brain Mapping</i> , 2021 , 42, 4122-4133	5.9	14
104	Age and HIV effects on resting state of the brain in relationship to neurocognitive functioning. <i>Behavioural Brain Research</i> , 2018 , 344, 20-27	3.4	13
103	Associations between Functional Connectivity Dynamics and BOLD Dynamics Are Heterogeneous Across Brain Networks. <i>Frontiers in Human Neuroscience</i> , 2017 , 11, 593	3.3	13
102	Lateralized resting-state functional connectivity in the task-positive and task-negative networks. <i>Brain Connectivity</i> , 2014 , 4, 641-8	2.7	13
101	Altered resting-state FMRI signals in acute stroke patients with ischemic penumbra. <i>PLoS ONE</i> , 2014 , 9, e105117	3.7	13
100	Clinical application of basal regional cerebral blood flow fluctuation measurements by FMRI. <i>Advances in Experimental Medicine and Biology</i> , 1998 , 454, 583-90	3.6	13
99	The Organization of the Human Corpus Callosum Estimated by Intrinsic Functional Connectivity with White-Matter Functional Networks. <i>Cerebral Cortex</i> , 2020 , 30, 3313-3324	5.1	12
98	Multiple sclerosis-related white matter microstructural change alters the BOLD hemodynamic response. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016 , 36, 1872-1884	7.3	12
97	Oxytocin Modulates the Intrinsic Dynamics Between Attention-Related Large-Scale Networks. <i>Cerebral Cortex</i> , 2021 , 31, 1848-1860	5.1	12
96	Functional resting-state brain connectivity is accompanied by dynamic correlations of application-dependent [F]FDG PET-tracer fluctuations. <i>NeuroImage</i> , 2019 , 196, 161-172	7.9	11
95	Instability of brain connectivity during nonrapid eye movement sleep reflects altered properties of information integration. <i>Human Brain Mapping</i> , 2019 , 40, 3192-3202	5.9	11
94	The Convergence Insufficiency Neuro-mechanism in Adult Population Study (CINAPS) Randomized Clinical Trial: Design, Methods, and Clinical Data. <i>Ophthalmic Epidemiology</i> , 2020 , 27, 52-72	1.9	11
93	Frequency specific resting state functional abnormalities in psychosis. <i>Human Brain Mapping</i> , 2018 , 39, 4509-4518	5.9	11
92	Multiscale energy reallocation during low-frequency steady-state brain response. <i>Human Brain Mapping</i> , 2018 , 39, 2121-2132	5.9	10
91	Similarly Expanded Bilateral Temporal Lobe Volumes in Female and Male Children With Autism Spectrum Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2016 , 1, 178-185	3.4	10

90	Functional Subdivisions of Magnocellular Cell Groups in Human Basal Forebrain: Test-Retest Resting-State Study at Ultra-high Field, and Meta-analysis. <i>Cerebral Cortex</i> , 2019 , 29, 2844-2858	5.1	10
89	Adaptive covariance estimation of non-stationary processes and its application to infer dynamic connectivity from fMRI. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2014 , 8, 228-39	5.1	10
88	Assessment of auditory cortex activation with functional magnetic resonance imaging. <i>Otolaryngology - Head and Neck Surgery</i> , 2000 , 122, 241-5	5.5	10
87	Separated Channel Attention Convolutional Neural Network (SC-CNN-Attention) to Identify ADHD in Multi-Site Rs-fMRI Dataset. <i>Entropy</i> , 2020 , 22,	2.8	10
86	A review of resting-state fMRI and its use to examine psychiatric disorders. <i>Psychoradiology</i> , 2021 , 1, 42-53		10
85	Effective Connectivity within the Mesocorticolimbic System during Resting-State in Cocaine Users. <i>Frontiers in Human Neuroscience</i> , 2016 , 10, 563	3.3	10
84	Temporal dynamics of spontaneous default-mode network activity mediate the association between reappraisal and depression. <i>Social Cognitive and Affective Neuroscience</i> , 2018 , 13, 1235-1247	4	9
83	Asynchrony in executive networks predicts cognitive slowing in multiple sclerosis. <i>Neuropsychology</i> , 2016 , 30, 75-86	3.8	8
82	Interregional causal influences of brain metabolic activity reveal the spread of aging effects during normal aging. <i>Human Brain Mapping</i> , 2019 , 40, 4657-4668	5.9	8
81	Anterior cingulate cortex differently modulates frontoparietal functional connectivity between resting-state and working memory tasks. <i>Human Brain Mapping</i> , 2020 , 41, 1797-1805	5.9	8
80	Affective Network Neuroscience. <i>Frontiers in Neuroscience</i> , 2018 , 12, 895	5.1	8
79	A multimodal meta-analysis of regional structural and functional brain alterations in type 2 diabetes. <i>Frontiers in Neuroendocrinology</i> , 2021 , 62, 100915	8.9	8
78	Intersubject consistent dynamic connectivity during natural vision revealed by functional MRI. <i>NeuroImage</i> , 2020 , 216, 116698	7.9	7
77	Functional Connectivity Alterations between Networks and Associations with Infant Immune Health within Networks in HIV Infected Children on Early Treatment: A Study at 7 Years. <i>Frontiers in Human Neuroscience</i> , 2017 , 11, 635	3.3	7
76	The model order limit: Deep sparse factorization for resting brain 2018 ,		7
75	HIV infection across aging: Synergistic effects on intrinsic functional connectivity of the brain. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019 , 88, 19-30	5.5	7
74	Gray matter atrophy patterns within the cerebellum-neostriatum-cortical network in SCA3. <i>Neurology</i> , 2020 , 95, e3036-e3044	6.5	7
73	Reconfiguration patterns of large-scale brain networks in motor imagery. <i>Brain Structure and Function</i> , 2019 , 224, 553-566	4	7

72	Common neurofunctional dysregulations characterize obsessive-compulsive, substance use, and gaming disorders-An activation likelihood meta-analysis of functional imaging studies. <i>Addiction Biology</i> , 2021 , 26, e12997	4.6	7
71	The Profiles of Non-stationarity and Non-linearity in the Time Series of Resting-State Brain Networks. <i>Frontiers in Neuroscience</i> , 2020 , 14, 493	5.1	6
70	Altered functional connectivity of the thalamus induced by modified electroconvulsive therapy for schizophrenia. <i>Schizophrenia Research</i> , 2020 , 218, 209-218	3.6	6
69	Abnormal Functional Connectivity Density in Post-Stroke Aphasia. <i>Brain Topography</i> , 2019 , 32, 271-282	4.3	6
68	Understanding psychophysiological interaction and its relations to beta series correlation. <i>Brain Imaging and Behavior</i> , 2021 , 15, 958-973	4.1	6
67	Diffusion weighted imaging evidence of extra-callosal pathways for interhemispheric communication after complete commissurotomy. <i>Brain Structure and Function</i> , 2019 , 224, 1897-1909	4	5
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