

Bharat B Biswal

List of Publications by Year in Descending Order

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

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	Common and distinct neurofunctional representations of core and social disgust in the brain: Coordinate-based and network meta-analyses.. <i>Neuroscience and Biobehavioral Reviews</i> , 2022 , 104553	9	2
232	Alteration in the Functional Organization of the Default Mode Network Following Closed Non-severe Traumatic Brain Injury.. <i>Frontiers in Neuroscience</i> , 2022 , 16, 833320	5.1	0
231	Higher limbic and basal ganglia volumes in surviving COVID-negative patients and the relations to fatigue.. <i>NeuroImage Reports</i> , 2022 , 2, 100095		0
230	Estimations of the weather effects on brain functions using functional MRI: A cautionary note.. <i>Human Brain Mapping</i> , 2022 ,	5.9	1
229	Sources of multifractality of the brain rs-fMRI signal. <i>Chaos, Solitons and Fractals</i> , 2022 , 160, 112222	9.3	0
228	Resting state functional connectivity in pediatric populations. <i>Advances in Magnetic Resonance Technology and Applications</i> , 2021 , 2, 65-87	0.1	
227	Cortical thickness abnormalities in patients with bipolar disorder: a systematic review and meta-analysis.. <i>Journal of Affective Disorders</i> , 2021 , 300, 209-209	6.6	0
226	White Matter Functional Connectivity in Resting-State fMRI: Robustness, Reliability, and Relationships to Gray Matter. <i>Cerebral Cortex</i> , 2021 ,	5.1	2
225	Diffusion adaptive filtering algorithm based on the Fair cost function. <i>Scientific Reports</i> , 2021 , 11, 197154.9		1
224	Differences in Disrupted Dynamic Functional Network Connectivity Among Children, Adolescents, and Adults With Attention Deficit/Hyperactivity Disorder: A Resting-State fMRI Study. <i>Frontiers in Human Neuroscience</i> , 2021 , 15, 697696	3.3	1
223	Robust adaptive filtering algorithms based on (inverse)hyperbolic sine function. <i>PLoS ONE</i> , 2021 , 16, e0258155	3.7	1
222	Underlying neurological mechanisms associated with symptomatic convergence insufficiency. <i>Scientific Reports</i> , 2021 , 11, 6545	4.9	1
221	A review of resting-state fMRI and its use to examine psychiatric disorders. <i>Psychoradiology</i> , 2021 , 1, 42-53		10
220	Functional coupling of the orbitofrontal cortex and the basolateral amygdala mediates the association between spontaneous reappraisal and emotional response. <i>NeuroImage</i> , 2021 , 232, 117918	7.9	1
219	Disentangling age- and disease-related alterations in schizophrenia brain network using structural equation modeling: A graph theoretical study based on minimum spanning tree. <i>Human Brain Mapping</i> , 2021 , 42, 3023-3041	5.9	1
218	Topological Aberrance of Structural Brain Network Provides Quantitative Substrates of Post-Traumatic Brain Injury Attention Deficits in Children. <i>Brain Connectivity</i> , 2021 , 11, 651-662	2.7	3
217	Common abnormality of gray matter integrity in substance use disorder and obsessive-compulsive disorder: A comparative voxel-based meta-analysis. <i>Human Brain Mapping</i> , 2021 , 42, 3871-3886	5.9	3

216	Artificial intelligence applications in psychoradiology. <i>Psychoradiology</i> , 2021 , 1, 94-107		17
215	Oxytocin Modulates the Intrinsic Dynamics Between Attention-Related Large-Scale Networks. <i>Cerebral Cortex</i> , 2021 , 31, 1848-1860	5.1	12
214	Understanding psychophysiological interaction and its relations to beta series correlation. <i>Brain Imaging and Behavior</i> , 2021 , 15, 958-973	4.1	6
213	Mapping Progressive Gray Matter Alterations in Early Childhood Autistic Brain. <i>Cerebral Cortex</i> , 2021 , 31, 1500-1510	5.1	2
212	The laminar pattern of resting state in human cerebral cortex. <i>Magnetic Resonance Imaging</i> , 2021 , 76, 8-16	3.3	1
211	Diffusion-Probabilistic Least Mean Square Algorithm. <i>Circuits, Systems, and Signal Processing</i> , 2021 , 40, 1295-1313	2.2	2
210	Functional Decoupling of Emotion Coping Network Subsidizes Automatic Emotion Regulation by Implementation Intention. <i>Neural Plasticity</i> , 2021 , 2021, 6639739	3.3	2
209	Translational application of neuroimaging in major depressive disorder: a review of psychoradiological studies. <i>Frontiers of Medicine</i> , 2021 , 15, 528-540	12	1
208	Review of Resting-State Functional Connectivity Methods and Application in Clinical Populations 2021 , 45-74		
207	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
206	Structural and functional connectivity mapping of the human corpus callosum organization with white-matter functional networks. <i>NeuroImage</i> , 2021 , 227, 117642	7.9	4
205	Relationship Between Age and Cerebral Hemodynamic Response to Breath Holding: A Functional Near-Infrared Spectroscopy Study. <i>Brain Topography</i> , 2021 , 34, 154-166	4.3	
204	Altered cerebrovascular reactivity due to respiratory rate and breath holding: a BOLD-fMRI study on healthy adults. <i>Brain Structure and Function</i> , 2021 , 226, 1229-1239	4	0
203	White matter of perinatally HIV infected older youths shows low frequency fluctuations that may reflect glial cycling. <i>Scientific Reports</i> , 2021 , 11, 3086	4.9	3
202	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
201	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
200	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
199	Dynamic Configuration of Coactive Micropatterns in the Default Mode Network During Wakefulness and Sleep. <i>Brain Connectivity</i> , 2021 , 11, 471-482	2.7	1

198	State-independent and state-dependent patterns in the rat default mode network. <i>NeuroImage</i> , 2021 , 237, 118148	7.9	0
197	Elucidating the complementarity of resting-state networks derived from dynamic [F]FDG and hemodynamic fluctuations using simultaneous small-animal PET/MRI. <i>NeuroImage</i> , 2021 , 236, 118045	7.9	3
196	Altered Spatial Organization of Dynamic Functional Network Associates With Deficient Sensory and Perceptual Network in Schizophrenia. <i>Frontiers in Psychiatry</i> , 2021 , 12, 687580	5	1
195	Reproducible coactivation patterns of functional brain networks reveal the aberrant dynamic state transition in schizophrenia. <i>NeuroImage</i> , 2021 , 237, 118193	7.9	1
194	Subtyping Schizophrenia Patients Based on Patterns of Structural Brain Alterations. <i>Schizophrenia Bulletin</i> , 2021 ,	1.3	2
193	Altered Homotopic Functional Connectivity Within White Matter in the Early Stages of Alzheimer's Disease. <i>Frontiers in Neuroscience</i> , 2021 , 15, 697493	5.1	1
192	Striatal and prefrontal D2R and SERT distributions contrastingly correlate with default-mode connectivity. <i>NeuroImage</i> , 2021 , 243, 118501	7.9	1
191	Dysconnectivity of the amygdala and dorsal anterior cingulate cortex in drug-naive post-traumatic stress disorder. <i>European Neuropsychopharmacology</i> , 2021 , 52, 84-93	1.2	
190	Estimation of Spontaneous Neuronal Activity Using Homomorphic Filtering. <i>Lecture Notes in Computer Science</i> , 2021 , 615-624	0.9	
189	Transcriptomic and macroscopic architectures of intersubject functional variability in human brain white-matter.. <i>Communications Biology</i> , 2021 , 4, 1417	6.7	4
188	Cortical thickness abnormalities in patients with first episode psychosis: a meta-analysis of psychoradiologic studies and replication in an independent sample.. <i>Psychoradiology</i> , 2021 , 1, 185-198		0
187	Alteration of Behavioral Inhibitory Control in High-Altitude Immigrants.. <i>Frontiers in Behavioral Neuroscience</i> , 2021 , 15, 712278	3.5	0
186	Hemodynamic Scaling of Task-Induced Signal Changes in Tumor Subjects. <i>Frontiers in Human Neuroscience</i> , 2020 , 14, 569463	3.3	
185	Variability in the analysis of a single neuroimaging dataset by many teams. <i>Nature</i> , 2020 , 582, 84-88	50.4	281
184	A neuromarker of individual general fluid intelligence from the white-matter functional connectome. <i>Translational Psychiatry</i> , 2020 , 10, 147	8.6	22
183	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
182	Assessing cognitive control and the reward system in overweight young adults using sensitivity to incentives and white matter integrity. <i>PLoS ONE</i> , 2020 , 15, e0233915	3.7	0
181	Intersubject consistent dynamic connectivity during natural vision revealed by functional MRI. <i>NeuroImage</i> , 2020 , 216, 116698	7.9	7

180	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
179	Altered functional connectivity of the thalamus induced by modified electroconvulsive therapy for schizophrenia. <i>Schizophrenia Research</i> , 2020 , 218, 209-218	3.6	6
178	Investigating inhibition deficit in schizophrenia using task-modulated brain networks. <i>Brain Structure and Function</i> , 2020 , 225, 1601-1613	4	3
177	3D U-Net Based Brain Tumor Segmentation and Survival Days Prediction. <i>Lecture Notes in Computer Science</i> , 2020 , 131-141	0.9	21
176	Precise Estimation of Resting State Functional Connectivity Using Empirical Mode Decomposition. <i>Lecture Notes in Computer Science</i> , 2020 , 75-84	0.9	1
175	Predicting individual decision-making responses based on single-trial EEG. <i>NeuroImage</i> , 2020 , 206, 116333-39	3.9	16
174	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
173	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
172	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, 116283-89	7.9	25
171	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
170	Resting-State Functional Connectivity of the Thalamus in Complete Spinal Cord Injury. <i>Neurorehabilitation and Neural Repair</i> , 2020 , 34, 122-133	4.7	4
169	Test-Retest Reliability of Functional Magnetic Resonance Imaging Activation for a Vergence Eye Movement Task. <i>Neuroscience Bulletin</i> , 2020 , 36, 506-518	4.3	3
168	Resting-State Functional Connectivity: Signal Origins and Analytic Methods. <i>Neuroimaging Clinics of North America</i> , 2020 , 30, 15-23	3	17
167	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
166	Neural primacy of the dorsolateral prefrontal cortex in patients with obsessive-compulsive disorder. <i>NeuroImage: Clinical</i> , 2020 , 28, 102432	5.3	4
165	Frequency-dependent circuits anchored in the dorsal and ventral left anterior insula. <i>Scientific Reports</i> , 2020 , 10, 16394	4.9	4
164	Gray matter atrophy patterns within the cerebellum-neostriatum-cortical network in SCA3. <i>Neurology</i> , 2020 , 95, e3036-e3044	6.5	7
163	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

162	Progress in psychoradiology, the clinical application of psychiatric neuroimaging. <i>British Journal of Radiology</i> , 2019 , 92, 20181000	3.4	32
161	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
160	Altered dynamics of brain segregation and integration in poststroke aphasia. <i>Human Brain Mapping</i> , 2019 , 40, 3398-3409	5.9	16
159	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
158	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
157	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
156	Transient increased thalamic-sensory connectivity and decreased whole-brain dynamism in autism. <i>NeuroImage</i> , 2019 , 190, 191-204	7.9	54
155	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
154	Toward Task Connectomics: Examining Whole-Brain Task Modulated Connectivity in Different Task Domains. <i>Cerebral Cortex</i> , 2019 , 29, 1572-1583	5.1	37
153	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
152	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
151	Altered Functional Connectivity in Patients With Sloping Sensorineural Hearing Loss. <i>Frontiers in Human Neuroscience</i> , 2019 , 13, 284	3.3	14
150	Exploring the functional connectome in white matter. <i>Human Brain Mapping</i> , 2019 , 40, 4331-4344	5.9	46
149	Advancing functional connectivity research from association to causation. <i>Nature Neuroscience</i> , 2019 , 22, 1751-1760	25.5	91
148	HIV and age underlie specific patterns of brain abnormalities and cognitive changes in high functioning patients. <i>Neuropsychology</i> , 2019 , 33, 358-369	3.8	4
147	Clinical and Functional Imaging Changes Induced from Vision Therapy in Patients with Convergence Insufficiency. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2019 , 2019, 104-109	0.9	4
146	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
145	Reconfiguration patterns of large-scale brain networks in motor imagery. <i>Brain Structure and Function</i> , 2019 , 224, 553-566	4	7

144	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
143	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
142	Abnormal Functional Connectivity Density in Post-Stroke Aphasia. <i>Brain Topography</i> , 2019 , 32, 271-282	4.3	6
141	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
140	Brain tumors disrupt the resting-state connectome. <i>NeuroImage: Clinical</i> , 2018 , 18, 279-289	5.3	17
139	Multiscale energy reallocation during low-frequency steady-state brain response. <i>Human Brain Mapping</i> , 2018 , 39, 2121-2132	5.9	10
138	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
137	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
136	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
135	Frequency dependent hub role of the dorsal and ventral right anterior insula. <i>NeuroImage</i> , 2018 , 165, 112-117	7.9	74
134	The model order limit: Deep sparse factorization for resting brain 2018 ,		7
133	Fused Lasso Regression for Identifying Differential Correlations in Brain Connectome Graphs. <i>Statistical Analysis and Data Mining</i> , 2018 , 11, 203-226	1.4	3
132	Assessment of the impact of shared brain imaging data on the scientific literature. <i>Nature Communications</i> , 2018 , 9, 2818	17.4	53
131	Test-retest reliability of dynamic functional connectivity in resting state fMRI. <i>NeuroImage</i> , 2018 , 183, 907-918	7.9	22
130	Spatial sparsification and low rank projection for fast analysis of multi-subject resting state fMRI data 2018 ,		5
129	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
128	Altered structure and functional connection in patients with classical trigeminal neuralgia. <i>Human Brain Mapping</i> , 2018 , 39, 609-621	5.9	31
127	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

126	Resting-state connectivity and executive functions after pediatric arterial ischemic stroke. <i>NeuroImage: Clinical</i> , 2018 , 17, 359-367	5.3	15
125	Affective Network Neuroscience. <i>Frontiers in Neuroscience</i> , 2018 , 12, 895	5.1	8
124	HOW MANY FMRI SCANS ARE NECESSARY AND SUFFICIENT FOR RESTING BRAIN CONNECTIVITY ANALYSIS? 2018 ,		2
123	Identifying Respiration-Related Aliasing Artifacts in the Rodent Resting-State fMRI. <i>Frontiers in Neuroscience</i> , 2018 , 12, 788	5.1	15
122	The Time-Varying Network Patterns in Motor Imagery Revealed by Adaptive Directed Transfer Function Analysis for fMRI. <i>IEEE Access</i> , 2018 , 6, 60339-60352	3.5	5
121	Automatic Recognition of Resting State fMRI Networks with Dictionary Learning. <i>Lecture Notes in Computer Science</i> , 2018 , 249-259	0.9	3
120	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
119	Frequency specific resting state functional abnormalities in psychosis. <i>Human Brain Mapping</i> , 2018 , 39, 4509-4518	5.9	11
118	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
117	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
116	Disrupted resting brain graph measures in individuals at high risk for alcoholism. <i>Psychiatry Research - Neuroimaging</i> , 2017 , 265, 54-64	2.9	15
115	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
114	MAPBOT: Meta-analytic parcellation based on text, and its application to the human thalamus. <i>NeuroImage</i> , 2017 , 157, 716-732	7.9	4
113	A Review of Resting-State Analysis Methods. <i>Neuroimaging Clinics of North America</i> , 2017 , 27, 581-592	3	30
112	Modeling Causal Relationships among Brain Areas in the Mesocorticolimbic System during Resting-State in Cocaine Users Utilizing a Graph Theoretic Approach. <i>Journal of Alcoholism and Drug Dependence</i> , 2017 , 5,	1	2
111	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
110	Music Intervention Leads to Increased Insular Connectivity and Improved Clinical Symptoms in Schizophrenia. <i>Frontiers in Neuroscience</i> , 2017 , 11, 744	5.1	73
109	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

108	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
107	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
106	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
105	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
104	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
103	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
102	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
101	Functional topography of the thalamocortical system in human. <i>Brain Structure and Function</i> , 2016 , 221, 1971-84	4	75
100	Asynchrony in executive networks predicts cognitive slowing in multiple sclerosis. <i>Neuropsychology</i> , 2016 , 30, 75-86	3.8	8
99	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
98	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
97	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
96	Effective Connectivity within the Mesocorticolimbic System during Resting-State in Cocaine Users. <i>Frontiers in Human Neuroscience</i> , 2016 , 10, 563	3.3	10
95	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
94	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
93	Functional integration between brain regions at rest occurs in multiple-frequency bands. <i>Brain Connectivity</i> , 2015 , 5, 23-34	2.7	121
92	Dynamic brain functional connectivity modulated by resting-state networks. <i>Brain Structure and Function</i> , 2015 , 220, 37-46	4	95
91	Recovery of resting brain connectivity ensuing mild traumatic brain injury. <i>Frontiers in Human Neuroscience</i> , 2015 , 9, 513	3.3	44

90	Task-related functional connectivity dynamics in a block-designed visual experiment. <i>Frontiers in Human Neuroscience</i> , 2015 , 9, 543	3.3	17
89	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
88	Characterizations of resting-state modulatory interactions in the human brain. <i>Journal of Neurophysiology</i> , 2015 , 114, 2785-96	3.2	24
87	A DCM for resting state fMRI. <i>NeuroImage</i> , 2014 , 94, 396-407	7.9	269
86	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
85	An open science resource for establishing reliability and reproducibility in functional connectomics. <i>Scientific Data</i> , 2014 , 1, 140049	8.2	247
84	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
83	Disruption of brain connectivity in acute stroke patients with early impairment in consciousness. <i>Frontiers in Psychology</i> , 2014 , 4, 956	3.4	29
82	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
81	Using MRI from 1000 subjects to identify abnormal grey matter in individual tumor subjects 2014 ,		1
80	Functional connectivity of vergence neural substrates 2014 ,		1
79	Abnormal synchrony and effective connectivity in patients with schizophrenia and auditory hallucinations. <i>NeuroImage: Clinical</i> , 2014 , 6, 171-9	5.3	17
78	Lateralized resting-state functional connectivity in the task-positive and task-negative networks. <i>Brain Connectivity</i> , 2014 , 4, 641-8	2.7	13
77	Local awakening: regional reorganizations of brain oscillations after sleep. <i>NeuroImage</i> , 2014 , 102 Pt 2, 894-903	7.9	21
76	Task-modulated coactivation of vergence neural substrates. <i>Brain Connectivity</i> , 2014 , 4, 595-607	2.7	18
75	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
74	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
73	Assessment of unconstrained cerebrovascular reactivity marker for large age-range FMRI studies. <i>PLoS ONE</i> , 2014 , 9, e88751	3.7	30

72	Altered resting-state fMRI signals in acute stroke patients with ischemic penumbra. <i>PLoS ONE</i> , 2014 , 9, e105117	3.7	13
71	Modulatory interactions between the default mode network and task positive networks in resting-state. <i>PeerJ</i> , 2014 , 2, e367	3.1	68
70	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
69	RESCALE: Voxel-specific task-fMRI scaling using resting state fluctuation amplitude. <i>NeuroImage</i> , 2013 , 70, 80-8	7.9	27
68	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
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