

Functional connectivity in the motor cortex of resting h

Magnetic Resonance in Medicine

34, 537-541

DOI: [10.1002/mrm.1910340409](https://doi.org/10.1002/mrm.1910340409)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Neuroimaging of sleep-related epilepsies. , 0, , 384-390.		0
4	New images from human visual cortex. Trends in Neurosciences, 1996, 19, 481-489.	4.2	312
5	Analysis of fMRI data using the general linear statistical model. NeuroImage, 1996, 3, S102.	2.1	2
8	Coupling of Cortical and Thalamic Ictal Activity in Human Partial Epilepsy: Demonstration by Functional Magnetic Resonance Imaging. Epilepsia, 1996, 37, 657-661.	2.6	71
10	Problems in estimating hemodynamic response parameters from fMRI data. , 1996, 4, 265-272.		6
11	Time delay estimates of fMRI signals: efficient algorithm and estimate variance. , 0, , .		1
12	Review of functional magnetic resonance imaging in schizophrenia. Schizophrenia Research, 1997, 27, 143-156.	1.1	49
13	Empirical Analyses of BOLD fMRI Statistics. NeuroImage, 1997, 5, 179-197.	2.1	658
14	Magnetic Resonance Imaging of Human Brain Function. Neurosurgery Clinics of North America, 1997, 8, 345-371.	0.8	39
15	Non-linear Fourier Time Series Analysis for Human Brain Mapping by Functional Magnetic Resonance Imaging. Journal of the Royal Statistical Society Series C: Applied Statistics, 1997, 46, 1-29.	0.5	177
16	Hypercapnia Reversibly Suppresses Low-Frequency Fluctuations in the Human Motor Cortex during Rest Using Echo-planar MRI. Journal of Cerebral Blood Flow and Metabolism, 1997, 17, 301-308.	2.4	159
17	The nature of spatiotemporal changes in cerebral hemodynamics as manifested in functional magnetic resonance imaging. Magnetic Resonance in Medicine, 1997, 37, 511-518.	1.9	172
18	Contour-based registration technique to differentiate between task-activated and head motion-induced signal variations in fMRI. Magnetic Resonance in Medicine, 1997, 38, 470-476.	1.9	51
19	Estimating test-retest reliability in functional MR imaging I: Statistical methodology. Magnetic Resonance in Medicine, 1997, 38, 497-507.	1.9	113
20	Simultaneous assessment of flow and BOLD signals in resting-state functional connectivity maps. , 1997, 10, 165-170.		539
21	Software tools for analysis and visualization of fMRI data. , 1997, 10, 171-178.		907
22	Effect of temporal autocorrelation due to physiological noise and stimulus paradigm on voxel-level false-positive rates in fMRI. Human Brain Mapping, 1998, 6, 239-249.	1.9	271
23	Three-dimensional spiral fMRI technique: A comparison with 2D spiral acquisition. Magnetic Resonance in Medicine, 1998, 39, 68-78.	1.9	55

#	ARTICLE	IF	CITATIONS
24	Mapping of lateral geniculate nucleus activation during visual stimulation in human brain using fMRI. <i>Magnetic Resonance in Medicine</i> , 1998, 39, 89-96.	1.9	72
25	Self-navigated spiral fMRI: Interleaved versus single-shot. <i>Magnetic Resonance in Medicine</i> , 1998, 39, 361-368.	1.9	465
26	Simultaneous multislice acquisition using rosette trajectories (SMART): A new imaging method for functional MRI. <i>Magnetic Resonance in Medicine</i> , 1998, 39, 709-716.	1.9	37
27	Amplitude response and stimulus presentation frequency response of human primary visual cortex using BOLD EPI at 4 T. <i>Magnetic Resonance in Medicine</i> , 1998, 40, 203-209.	1.9	72
28	Single-shot halfk-space high-resolution gradient-recalled EPI for fMRI at 3 tesla. <i>Magnetic Resonance in Medicine</i> , 1998, 40, 754-762.	1.9	94
29	Functional magnetic resonance imaging of the human brain: data acquisition and analysis. <i>Experimental Brain Research</i> , 1998, 123, 5-12.	0.7	166
30	Relationship between fluctuations in the cerebral hemoglobin oxygenation state and neuronal activity under resting conditions in man. <i>Neuroscience Letters</i> , 1998, 245, 147-150.	1.0	103
31	Functional Connectivity in Single and Multislice Echoplanar Imaging Using Resting-State Fluctuations. <i>NeuroImage</i> , 1998, 7, 119-132.	2.1	1,303
32	ON THE CHARACTERISTICS OF FUNCTIONAL MAGNETIC RESONANCE IMAGING OF THE BRAIN. <i>Annual Review of Biophysics and Biomolecular Structure</i> , 1998, 27, 447-474.	18.3	285
39	Multisecond Oscillations in Firing Rate in the Basal Ganglia: Robust Modulation by Dopamine Receptor Activation and Anesthesia. <i>Journal of Neurophysiology</i> , 1999, 81, 2046-2055.	0.9	135
40	Temporal and spatial MRI responses to subsecond visual activation. <i>Magnetic Resonance Imaging</i> , 1999, 17, 1-7.	1.0	30
41	Post-registration spatial filtering to reduce noise in functional MRI data sets. <i>Magnetic Resonance Imaging</i> , 1999, 17, 1371-1382.	1.0	12
42	Task-specific deactivation patterns in functional magnetic resonance imaging. <i>Magnetic Resonance Imaging</i> , 1999, 17, 1427-1436.	1.0	63
43	Temporal dissociation of parallel processing in the human subcortical outputs. <i>Nature</i> , 1999, 400, 364-367.	13.7	77
44	Explorative signal processing in functional MR imaging. <i>International Journal of Imaging Systems and Technology</i> , 1999, 10, 166-176.	2.7	26
45	Systematic noise compensation for simultaneous multislice acquisition using rosette trajectories (SMART). <i>Magnetic Resonance in Medicine</i> , 1999, 41, 1073-1076.	1.9	5
46	Enhancement of BOLD-contrast sensitivity by single-shot multi-echo functional MR imaging. <i>Magnetic Resonance in Medicine</i> , 1999, 42, 87-97.	1.9	336
47	Interregional connectivity to primary motor cortex revealed using MRI resting state images. , 1999, 8, 151-156.		302

#	ARTICLE	IF	CITATIONS
48	Investigation of Low Frequency Drift in fMRI Signal. <i>NeuroImage</i> , 1999, 9, 526-533.	2.1	271
49	Level of sustained entorhinal activity at study correlates with subsequent cued-recall performance: A functional magnetic resonance imaging study with high acquisition rate. <i>Hippocampus</i> , 1999, 9, 35-44.	0.9	97
50	fMRI and EEG Responses to Periodic Visual Stimulation. <i>NeuroImage</i> , 1999, 10, 125-148.	2.1	26
51	Accuracy and Limitation of Functional Magnetic Resonance Imaging for Identification of the Central Sulcus: Comparison with Magnetoencephalography in Patients with Brain Tumors. <i>NeuroImage</i> , 1999, 10, 738-748.	2.1	92
52	Functional mapping in the human brain using high magnetic fields. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1999, 354, 1195-1213.	1.8	144
53	A Functional Lesion in Developmental Dyslexia: Left Angular Gyrus Blood Flow Predicts Severity. <i>Brain and Language</i> , 1999, 70, 187-204.	0.8	86
54	<title>Grey-value-based 3D registration of functional MRI time-series: comparison of interpolation order and similarity measure</title>. , 2000, 3979, 1148.		9
55	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.	1.9	156
56	Evaluating the function of hippocampal subregions with high-resolution MRI in Alzheimer's disease and aging. <i>Microscopy Research and Technique</i> , 2000, 51, 101-108.	1.2	82
57	Slow vasomotor fluctuation in fMRI of anesthetized child brain. <i>Magnetic Resonance in Medicine</i> , 2000, 44, 373-378.	1.9	178
58	B0-fluctuation-induced temporal variation in EPI image series due to the disturbance of steady-state free precession. <i>Magnetic Resonance in Medicine</i> , 2000, 44, 758-765.	1.9	44
59	Combining independent component analysis and correlation analysis to probe interregional connectivity in fMRI task activation datasets. <i>Magnetic Resonance Imaging</i> , 2000, 18, 921-930.	1.0	178
61	Spontaneous fluctuations in cerebral blood flow: insights from extended-duration recordings in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2000, 278, H1848-H1855.	1.5	88
62	Experimental Design and Statistical Issues. , 2000, , 33-58.		15
63	Magnetic Resonance Studies of Brain Function and Neurochemistry. <i>Annual Review of Biomedical Engineering</i> , 2000, 2, 633-660.	5.7	84
64	Imaging Physiologic Dysfunction of Individual Hippocampal Subregions in Humans and Genetically Modified Mice. <i>Neuron</i> , 2000, 28, 653-664.	3.8	90
65	Correlations in Low-Frequency BOLD Fluctuations Reflect Cortico-Cortical Connections. <i>NeuroImage</i> , 2000, 12, 582-587.	2.1	282
66	Spontaneous Low Frequency Oscillations of Cerebral Hemodynamics and Metabolism in Human Adults. <i>NeuroImage</i> , 2000, 12, 623-639.	2.1	585

#	ARTICLE	IF	CITATIONS
67	Nonlinear PCA: characterizing interactions between modes of brain activity. Philosophical Transactions of the Royal Society B: Biological Sciences, 2000, 355, 135-146.	1.8	50
68	Magnetic resonance imaging of brain function and neurochemistry. Proceedings of the IEEE, 2001, 89, 1093-1106.	16.4	4
69	Independent component analysis applied to fMRI data: a generative model for validating results. , 0, , .		7
70	Future applications of DWI in MS. Journal of the Neurological Sciences, 2001, 186, S55-S57.	0.3	23
71	Detecting Brain Activation in FMRI Data without Prior Knowledge of Mental Event Timing. NeuroImage, 2001, 13, 153-160.	2.1	14
72	Linear Aspects of Changes in Deoxygenated Hemoglobin Concentration and Cytochrome Oxidase Oxidation during Brain Activation. NeuroImage, 2001, 13, 520-530.	2.1	107
73	Separating Processes within a Trial in Event-Related Functional MRI. NeuroImage, 2001, 13, 218-229.	2.1	294
74	On Multivariate Spectral Analysis of fMRI Time Series. NeuroImage, 2001, 14, 347-356.	2.1	78
75	fMRI Activation in a Visual-Perception Task: Network of Areas Detected Using the General Linear Model and Independent Components Analysis. NeuroImage, 2001, 14, 1080-1088.	2.1	275
76	Clinical f MRI. Current Protocols in Magnetic Resonance Imaging, 2001, 1, A6.0.1.	0.0	0
77	Simultaneous assessment of human brain functional hemodynamics by magnetic resonance and near-infrared imaging. , 2001, 4320, 861.		1
78	Interhemispheric phase synchrony and amplitude correlation of spontaneous beta oscillations in human subjects: a magnetoencephalographic study. NeuroReport, 2001, 12, 2487-2491.	0.6	85
79	High-resolution fMRI using multislice partialk-space GR-EPI with cubic voxels. Magnetic Resonance in Medicine, 2001, 46, 114-125.	1.9	141
80	IMPACT: Image-based physiological artifacts estimation and correction technique for functional MRI. Magnetic Resonance in Medicine, 2001, 46, 344-353.	1.9	66
81	fcMRI?Mapping functional connectivity or correlating cardiac-induced noise?. Magnetic Resonance in Medicine, 2001, 46, 628-628.	1.9	41
82	Physiological noise in oxygenation-sensitive magnetic resonance imaging. Magnetic Resonance in Medicine, 2001, 46, 631-637.	1.9	546
83	Motion correction of parametric fMRI data from multi-slice single-shot multi-echo acquisitions. Magnetic Resonance in Medicine, 2001, 46, 1023-1027.	1.9	14
84	Analysis and use of FMRI response delays. Human Brain Mapping, 2001, 13, 74-93.	1.9	148

#	ARTICLE	IF	CITATIONS
85	A 4D approach to the analysis of functional brain images: Application to fMRI data. <i>Human Brain Mapping</i> , 2001, 13, 185-198.	1.9	8
86	A method for making group inferences from functional MRI data using independent component analysis. <i>Human Brain Mapping</i> , 2001, 14, 140-151.	1.9	2,663
87	Functional and diffusion-weighted magnetic resonance images of space-occupying lesions affecting the motor system: imaging the motor cortex and pyramidal tracts. <i>Journal of Neurosurgery</i> , 2001, 95, 816-824.	0.9	61
88	Respiratory effects in human functional magnetic resonance imaging due to bulk susceptibility changes. <i>Physics in Medicine and Biology</i> , 2001, 46, 3331-3340.	1.6	180
89	Alzheimer Disease: Evaluation of a Functional MR Imaging Index as a Marker. <i>Radiology</i> , 2002, 225, 253-259.	3.6	268
90	Simultaneous EEG and fMRI of the alpha rhythm. <i>NeuroReport</i> , 2002, 13, 2487-2492.	0.6	1,011
91	Simultaneous EEG and fMRI of the alpha rhythm. <i>NeuroReport</i> , 2002, 13, 2487-2492.	0.6	511
92	Normal aging and brain functional connectivity of primary motor cortex: a functional MRI (fMRI) study. , 0, , .		1
93	fMRI of Thermal Pain: Effects of Stimulus Laterality and Attention. <i>NeuroImage</i> , 2002, 15, 293-301.	2.1	355
94	An Investigation of Functional and Anatomical Connectivity Using Magnetic Resonance Imaging. <i>NeuroImage</i> , 2002, 16, 241-250.	2.1	443
95	T2* Dependence of Low Frequency Functional Connectivity. <i>NeuroImage</i> , 2002, 16, 985-992.	2.1	92
96	A Spatio-temporal Regression Model for the Analysis of Functional MRI Data. <i>NeuroImage</i> , 2002, 17, 1415-1428.	2.1	72
97	Multiple Sclerosis: Low-Frequency Temporal Blood Oxygen Levelâ€”Dependent Fluctuations Indicate Reduced Functional Connectivityâ€”Initial Results. <i>Radiology</i> , 2002, 224, 184-192.	3.6	241
98	Functional Neuroimaging in Neurology and Psychiatry. <i>CNS Spectrums</i> , 2002, 7, 286-299.	0.7	7
99	Multisecond Periodicities in Basal Ganglia Firing Rates Correlate With Theta Bursts in Transcortical and Hippocampal EEG. <i>Journal of Neurophysiology</i> , 2002, 87, 1118-1122.	0.9	48
100	Statistics I: Experimental Design and Statistical Parametric Mapping. , 2002, , 605-631.		10
101	Detection of functional connectivity using temporal correlations in MR images. <i>Human Brain Mapping</i> , 2002, 15, 247-262.	1.9	613
103	Two dimensional prolate spheroidal wave functions for MRI. <i>Journal of Magnetic Resonance</i> , 2002, 158, 43-51.	1.2	24

#	ARTICLE	IF	CITATIONS
104	Hierarchical clustering to measure connectivity in fMRI resting-state data. <i>Magnetic Resonance Imaging</i> , 2002, 20, 305-317.	1.0	333
105	Imaging Alzheimer's disease. <i>Current Neurology and Neuroscience Reports</i> , 2003, 3, 385-392.	2.0	8
106	Modulation of neural connectivity during tongue movement and reading. <i>Human Brain Mapping</i> , 2003, 18, 222-232.	1.9	65
107	Towards understanding language organisation in the brain using fMRI. <i>Human Brain Mapping</i> , 2003, 18, 239-247.	1.9	38
108	Regional cerebral blood flow correlations of somatosensory areas 3a, 3b, 1, and 2 in humans during rest: A PET and cytoarchitectural study. <i>Human Brain Mapping</i> , 2003, 19, 183-196.	1.9	28
109	Detecting low-frequency functional connectivity in fMRI using a self-organizing map (SOM) algorithm. <i>Human Brain Mapping</i> , 2003, 20, 220-226.	1.9	93
110	High field human imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2003, 18, 519-529.	1.9	166
111	Novel ROC-type method for testing the efficiency of multivariate statistical methods in fMRI. <i>Magnetic Resonance in Medicine</i> , 2003, 49, 1152-1162.	1.9	26
112	Beyond the Visible: Imaging the Human Brain with Light. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2003, 23, 1-18.	2.4	691
113	Functional MRI using sensitivity-encoded echo planar imaging (SENSE-EPI). <i>NeuroImage</i> , 2003, 19, 412-421.	2.1	102
114	Independent component analysis of nondeterministic fMRI signal sources. <i>NeuroImage</i> , 2003, 19, 253-260.	2.1	363
115	The elusive concept of brain connectivity. <i>NeuroImage</i> , 2003, 19, 466-470.	2.1	705
116	Empirical analyses of null-hypothesis perfusion FMRI data at 1.5 and 4 T. <i>NeuroImage</i> , 2003, 19, 1449-1462.	2.1	54
117	Functional connectivity: studying nonlinear, delayed interactions between BOLD signals. <i>NeuroImage</i> , 2003, 20, 962-974.	2.1	86
118	Functional connectivity in the resting brain: A network analysis of the default mode hypothesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 253-258.	3.3	5,651
119	Correlated multisecond oscillations in firing rate in the basal ganglia: modulation by dopamine and the subthalamic nucleus. <i>Neuroscience</i> , 2003, 117, 427-438.	1.1	46
120	Identifying confounds to increase specificity during a "no task condition". <i>NeuroImage</i> , 2003, 20, 1236-1245.	2.1	81
121	Techniques for imaging neuroscience. <i>British Medical Bulletin</i> , 2003, 65, 3-20.	2.7	47

#	ARTICLE	IF	CITATIONS
122	Significant fMRI Neurologic Synchrony Using Monte Carlo Methods. Monte Carlo Methods and Applications, 2003, 9, .	0.3	0
123	Electroencephalographic signatures of attentional and cognitive default modes in spontaneous brain activity fluctuations at rest. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 11053-11058.	3.3	875
124	Experimental Design and Statistical Parametric Mapping. , 2004, , 599-632.		22
125	Investigating Brain Dynamics and Connectivity with Functional MRI. , 0, , .		0
126	Detection of functional networks in the resting brain. , 0, , .		2
127	The influence of heart beat and respiration on functional connectivity networks. , 0, , .		0
128	Independent Component Analysis Applied to fMRI Data: A Generative Model for Validating Results. Journal of Signal Processing Systems, 2004, 37, 281-291.	1.0	55
129	Advances in functional MRI of the human brain. Progress in Nuclear Magnetic Resonance Spectroscopy, 2004, 44, 1-32.	3.9	19
130	Cardiac-induced physiologic noise in tissue is a direct observation of cardiac-induced fluctuations. Magnetic Resonance Imaging, 2004, 22, 9-13.	1.0	72
131	Modulation of functional connectivity during the resting state and the motor task. Human Brain Mapping, 2004, 22, 63-71.	1.9	194
132	Functional connectivity as revealed by spatial independent component analysis of fMRI measurements during rest. Human Brain Mapping, 2004, 22, 165-178.	1.9	486
133	A split-merge-based region-growing method for fMRI activation detection. Human Brain Mapping, 2004, 22, 271-279.	1.9	22
134	Different physiological MRI noise between cortical layers. Magnetic Resonance in Medicine, 2004, 52, 913-916.	1.9	39
135	Comparison of methods for detecting nondeterministic BOLD fluctuation in fMRI. Magnetic Resonance Imaging, 2004, 22, 197-203.	1.0	52
136	The effect of sensorimotor activation on functional connectivity mapping with MRI. Magnetic Resonance Imaging, 2004, 22, 1069-1075.	1.0	34
137	A phase based method for investigating the functional connectivity in the fMRI data. , 0, , .		3
138	Aberrant localization of synchronous hemodynamic activity in auditory cortex reliably characterizes schizophrenia. Biological Psychiatry, 2004, 55, 842-849.	0.7	89
139	Detecting Functional Connectivity of the Cerebellum Using Low Frequency Fluctuations (LFFs). Lecture Notes in Computer Science, 2004, , 907-915.	1.0	18

#	ARTICLE	IF	CITATIONS
140	Imaging of postthalamic visual fiber tracts by anisotropic diffusion weighted MRI and diffusion tensor imaging: principles and applications. <i>European Journal of Radiology</i> , 2004, 49, 91-104.	1.2	24
141	Measuring interregional functional connectivity using coherence and partial coherence analyses of fMRI data. <i>NeuroImage</i> , 2004, 21, 647-658.	2.1	382
142	Amygdalar interhemispheric functional connectivity differs between the non-depressed and depressed human brain. <i>NeuroImage</i> , 2004, 21, 674-686.	2.1	79
143	Resting fluctuations in arterial carbon dioxide induce significant low frequency variations in BOLD signal. <i>NeuroImage</i> , 2004, 21, 1652-1664.	2.1	616
144	The chronoarchitecture of the human brain—natural viewing conditions reveal a time-based anatomy of the brain. <i>NeuroImage</i> , 2004, 22, 419-433.	2.1	164
145	Measuring functional connectivity during distinct stages of a cognitive task. <i>NeuroImage</i> , 2004, 23, 752-763.	2.1	809
146	Optimal spatial regularisation of autocorrelation estimates in fMRI analysis. <i>NeuroImage</i> , 2004, 23, 1203-1216.	2.1	22
147	Radial correlation contrast—A functional connectivity MRI contrast to map changes in local neuronal communication. <i>NeuroImage</i> , 2004, 23, 1432-1439.	2.1	15
148	Advances in functional and structural MR image analysis and implementation as FSL. <i>NeuroImage</i> , 2004, 23, S208-S219.	2.1	11,375
149	Changes in functional connectivity of human MT/V5 with visual motion input. <i>NeuroReport</i> , 2004, 15, 1315-1319.	0.6	105
150	Detecting nonlinear dynamics of functional connectivity. , 2004, , .		5
151	Robust ICA analysis for model-free functional connectivity detection. , 2004, , .		0
152	Online detection of low-frequency functional connectivity. , 2004, , .		1
153	Functional connectivity changes with concentration of sevoflurane anesthesia. <i>NeuroReport</i> , 2005, 16, 285-288.	0.6	212
154	A novel approach to image neural activity directly by MRI. , 2005, , .		1
155	Magnetic Resonance Approaches to Brain Aging and Alzheimer Disease-associated Neuropathology. <i>Topics in Magnetic Resonance Imaging</i> , 2005, 16, 439-452.	0.7	30
156	Midazolam sedation increases fluctuation and synchrony of the resting brain BOLD signal. <i>Magnetic Resonance Imaging</i> , 2005, 23, 531-537.	1.0	136
157	Being a self: Considerations from functional imaging. <i>Consciousness and Cognition</i> , 2005, 14, 679-697.	0.8	98

#	ARTICLE	IF	CITATIONS
158	Reduced basal activity and increased functional homogeneity in sensorimotor and striatum of a Parkinson's disease rat model: a functional MRI study. <i>European Journal of Neuroscience</i> , 2005, 21, 2227-2232.	1.2	20
159	Activity and functional connectivity of inferior frontal cortex associated with response conflict. <i>Cognitive Brain Research</i> , 2005, 24, 335-342.	3.3	52
160	Reductions in interhemispheric motor cortex functional connectivity after muscle fatigue. <i>Brain Research</i> , 2005, 1057, 10-16.	1.1	72
161	About being BOLD. <i>Brain Research Reviews</i> , 2005, 50, 229-243.	9.1	112
162	A comparison of signal instability in 2D and 3D EPI resting-state fMRI. <i>NMR in Biomedicine</i> , 2005, 18, 534-542.	1.6	20
163	Effect of prior cognitive state on resting state networks measured with functional connectivity. <i>Human Brain Mapping</i> , 2005, 24, 59-68.	1.9	229
164	Spontaneous low-frequency BOLD signal fluctuations: An fMRI investigation of the resting-state default mode of brain function hypothesis. <i>Human Brain Mapping</i> , 2005, 26, 15-29.	1.9	1,253
165	Functional interactions between oculomotor regions during prosaccades and antisaccades. <i>Human Brain Mapping</i> , 2005, 26, 119-127.	1.9	35
166	Intrinsic brain activity sets the stage for expression of motivated behavior. <i>Journal of Comparative Neurology</i> , 2005, 493, 167-176.	0.9	201
167	Theoretical noise model for oxygenation-sensitive magnetic resonance imaging. <i>Magnetic Resonance in Medicine</i> , 2005, 53, 1046-1054.	1.9	23
168	Modeling and suppression of respiration-related physiological noise in echo-planar functional magnetic resonance imaging using global and one-dimensional navigator echo correction. <i>Magnetic Resonance in Medicine</i> , 2005, 54, 411-418.	1.9	29
169	Quantifying the spatial resolution of the gradient echo and spin echo BOLD response at 3 Tesla. <i>Magnetic Resonance in Medicine</i> , 2005, 54, 1465-1472.	1.9	163
170	Separation of physiological very low frequency fluctuation from aliasing by switched sampling interval fMRI scans. <i>Magnetic Resonance Imaging</i> , 2005, 23, 41-46.	1.0	48
171	Functional connectivity in the brain—“is it an elusive concept?”. <i>Neuroscience and Biobehavioral Reviews</i> , 2005, 28, 827-836.	2.9	257
172	Topographic Organization for Delayed Saccades in Human Posterior Parietal Cortex. <i>Journal of Neurophysiology</i> , 2005, 94, 1372-1384.	0.9	246
173	Functional Connectivity in Elderly Controls and AD Patients Using Resting State fMRI: A Pilot Study. <i>Current Alzheimer Research</i> , 2005, 2, 115-116.	0.7	38
174	Virtual Reality—“Induced Cortical Reorganization and Associated Locomotor Recovery in Chronic Stroke. <i>Stroke</i> , 2005, 36, 1166-1171.	1.0	355
175	Investigating the neural basis for functional and effective connectivity. Application to fMRI. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2005, 360, 1093-1108.	1.8	98

#	ARTICLE	IF	CITATIONS
176	Condition-dependent functional connectivity: syntax networks in bilinguals. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2005, 360, 921-935.	1.8	60
177	Functional disconnectivity in subjects at high genetic risk of schizophrenia. <i>Brain</i> , 2005, 128, 2097-2108.	3.7	158
178	Modeling Brain Responses. <i>International Review of Neurobiology</i> , 2005, 66, 89-124.	0.9	21
179	Antidepressant Effect on Connectivity of the Mood-Regulating Circuit: An fMRI Study. <i>Neuropsychopharmacology</i> , 2005, 30, 1334-1344.	2.8	307
180	Neural networks approach to clustering of activity in fMRI data. <i>IEEE Transactions on Medical Imaging</i> , 2005, 24, 987-996.	5.4	17
181	Undirected graphs of frequency-dependent functional connectivity in whole brain networks. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2005, 360, 937-946.	1.8	407
182	Information Processing Flow and Neural Activations in the Dorsolateral Prefrontal Cortex in the Stroop Task in Schizophrenic Patients. <i>Neuropsychobiology</i> , 2005, 51, 191-203.	0.9	15
183	Heading for data-driven measures of effective connectivity in functional MRI. , 0, , .		2
184	Models of Brain Function in Neuroimaging. <i>Annual Review of Psychology</i> , 2005, 56, 57-87.	9.9	165
185	Brain dynamics during natural viewing conditionsâ€”A new guide for mapping connectivity in vivo. <i>NeuroImage</i> , 2005, 24, 339-349.	2.1	170
186	Reduced functional connectivity between V1 and inferior frontal cortex associated with visuomotor performance in autism. <i>NeuroImage</i> , 2005, 25, 916-925.	2.1	264
187	Comparison of physiological noise at 1.5 T, 3 T and 7 T and optimization of fMRI acquisition parameters. <i>NeuroImage</i> , 2005, 26, 243-250.	2.1	598
188	Coherence between fMRI time-series distinguishes two spatial working memory networks. <i>NeuroImage</i> , 2005, 26, 177-183.	2.1	59
189	Measuring temporal dynamics of functional networks using phase spectrum of fMRI data. <i>NeuroImage</i> , 2005, 28, 227-237.	2.1	73
190	Magnetic resonance imaging of cerebellarâ€”prefrontal and cerebellarâ€”parietal functional connectivity. <i>NeuroImage</i> , 2005, 28, 39-48.	2.1	238
191	From The Cover: The human brain is intrinsically organized into dynamic, anticorrelated functional networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 9673-9678.	3.3	7,496
192	Study of temporal stationarity and spatial consistency of fMRI noise using independent component analysis. <i>IEEE Transactions on Medical Imaging</i> , 2005, 24, 712-718.	5.4	23
193	Investigations into resting-state connectivity using independent component analysis. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2005, 360, 1001-1013.	1.8	3,079

#	ARTICLE	IF	CITATIONS
194	Neurophysiological Architecture of Functional Magnetic Resonance Images of Human Brain. Cerebral Cortex, 2005, 15, 1332-1342.	1.6	1,202
195	MK801 and amantadine exert different effects on subthalamic neuronal activity in a rodent model of Parkinson's disease. Experimental Neurology, 2005, 191, 104-118.	2.0	28
196	Conditional correlation as a measure of mediated interactivity in fMRI and MEG/EEG. IEEE Transactions on Signal Processing, 2005, 53, 3503-3516.	3.2	32
197	Varieties of Attention-Deficit/Hyperactivity Disorder-Related Intra-Individual Variability. Biological Psychiatry, 2005, 57, 1416-1423.	0.7	471
198	Activity and Connectivity of Brain Mood Regulating Circuit in Depression: A Functional Magnetic Resonance Study. Biological Psychiatry, 2005, 57, 1079-1088.	0.7	707
199	Scale-Free Brain Functional Networks. Physical Review Letters, 2005, 94, 018102.	2.9	1,239
200	Automated Classification of Bipolar, Schizophrenic, and Healthy Individuals Via Multiple Spatial ICA Functional Brain 'Modes'. IEEE International Workshop on Machine Learning for Signal Processing, 2006, , .	0.0	5
201	Consistent resting-state networks across healthy subjects. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 13848-13853.	3.3	3,817
202	Spontaneous neuronal activity distinguishes human dorsal and ventral attention systems. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 10046-10051.	3.3	1,843
203	A NOVEL METHOD FOR VISUALIZING FUNCTIONAL CONNECTIVITY USING PRINCIPAL COMPONENT ANALYSIS. International Journal of Neuroscience, 2006, 116, 419-429.	0.8	14
204	BRAIN WORK AND BRAIN IMAGING. Annual Review of Neuroscience, 2006, 29, 449-476.	5.0	1,393
205	Detection of signal synchronizations in resting-state fMRI datasets. NeuroImage, 2006, 29, 321-327.	2.1	69
206	Non-white noise in fMRI: Does modelling have an impact?. NeuroImage, 2006, 29, 54-66.	2.1	370
207	fMRI resting state networks define distinct modes of long-distance interactions in the human brain. NeuroImage, 2006, 29, 1359-1367.	2.1	1,124
208	Identification of large-scale networks in the brain using fMRI. NeuroImage, 2006, 29, 1231-1243.	2.1	140
209	Widespread functional connectivity and fMRI fluctuations in human visual cortex in the absence of visual stimulation. NeuroImage, 2006, 30, 1313-1324.	2.1	194
210	Lagged covariance structure models for studying functional connectivity in the brain. NeuroImage, 2006, 30, 1203-1218.	2.1	40
211	Changes in hippocampal connectivity in the early stages of Alzheimer's disease: Evidence from resting state fMRI. NeuroImage, 2006, 31, 496-504.	2.1	742

#	ARTICLE	IF	CITATIONS
212	Connectivityâ€“behavior analysis reveals that functional connectivity between left BA39 and Broca's area varies with reading ability. <i>NeuroImage</i> , 2006, 31, 513-519.	2.1	166
213	Partial correlation for functional brain interactivity investigation in functional MRI. <i>NeuroImage</i> , 2006, 32, 228-237.	2.1	450
214	Quantitative evaluation of interrelations between spontaneous low-frequency oscillations in cerebral hemodynamics and systemic cardiovascular dynamics. <i>NeuroImage</i> , 2006, 31, 1592-1600.	2.1	134
215	Separating respiratory-variation-related fluctuations from neuronal-activity-related fluctuations in fMRI. <i>NeuroImage</i> , 2006, 31, 1536-1548.	2.1	1,257
216	An adaptive filter for suppression of cardiac and respiratory noise in MRI time series data. <i>NeuroImage</i> , 2006, 33, 1072-1081.	2.1	92
217	Atypically diffuse functional connectivity between caudate nuclei and cerebral cortex in autism. <i>Behavioral and Brain Functions</i> , 2006, 2, 34.	1.4	168
218	A Resilient, Low-Frequency, Small-World Human Brain Functional Network with Highly Connected Association Cortical Hubs. <i>Journal of Neuroscience</i> , 2006, 26, 63-72.	1.7	2,211
219	Functional Classification of Schizophrenia Using Feed Forward Neural Networks. , 2006, Suppl, 6631-4.		33
220	Altered resting-state functional connectivity patterns of anterior cingulate cortex in adolescents with attention deficit hyperactivity disorder. <i>Neuroscience Letters</i> , 2006, 400, 39-43.	1.0	366
221	Intervention Models in Functional Connectivity Identification Applied to fMRI. <i>International Journal of Biomedical Imaging</i> , 2006, 2006, 1-7.	3.0	7
223	Detecting low-frequency functional connectivity in fMRI using unsupervised clustering algorithms. , 2006, , .		0
224	Orientation-Selective Adaptation to First- and Second-Order Patterns in Human Visual Cortex. <i>Journal of Neurophysiology</i> , 2006, 95, 862-881.	0.9	216
225	Smooth Principal Component Analysis with Application to Functional Magnetic Resonance Imaging. , 0, , .		8
226	Decreased regional homogeneity in schizophrenia: a resting state functional magnetic resonance imaging study. <i>NeuroReport</i> , 2006, 17, 19-22.	0.6	237
227	Widespread functional disconnectivity in schizophrenia with resting-state functional magnetic resonance imaging. <i>NeuroReport</i> , 2006, 17, 209-213.	0.6	381
228	Handedness-related functional connectivity using low-frequency blood oxygenation level-dependent fluctuations. <i>NeuroReport</i> , 2006, 17, 5-8.	0.6	11
229	Abnormal neural activity in children with attention deficit hyperactivity disorder: a resting-state functional magnetic resonance imaging study. <i>NeuroReport</i> , 2006, 17, 1033-1036.	0.6	249
230	Coherent spontaneous activity accounts for trial-to-trial variability in human evoked brain responses. <i>Nature Neuroscience</i> , 2006, 9, 23-25.	7.1	633

#	ARTICLE	IF	CITATIONS
231	Applications of fMRI in translational medicine and clinical practice. <i>Nature Reviews Neuroscience</i> , 2006, 7, 732-744.	4.9	287
232	Wavelet-based bootstrapping of spatial patterns on a finite lattice. <i>Computational Statistics and Data Analysis</i> , 2006, 50, 2399-2421.	0.7	8
233	Low-frequency signal changes reflect differences in functional connectivity between good readers and dyslexics during continuous phoneme mapping. <i>Magnetic Resonance Imaging</i> , 2006, 24, 217-229.	1.0	64
234	Large-amplitude, spatially correlated fluctuations in BOLD fMRI signals during extended rest and early sleep stages. <i>Magnetic Resonance Imaging</i> , 2006, 24, 979-992.	1.0	326
235	Models of human visual attention should consider trial-by-trial variability in preparatory neural signals. <i>Neural Networks</i> , 2006, 19, 1447-1449.	3.3	9
236	Emotional task-dependent low-frequency fluctuations and methylphenidate: Wavelet scaling analysis of 1/f-type fluctuations in fMRI of the cerebellar vermis. <i>Journal of Neuroscience Methods</i> , 2006, 151, 52-61.	1.3	39
237	Towards a neuroscience of attention-deficit/hyperactivity disorder: Fractionating the phenotype. <i>Journal of Neuroscience Methods</i> , 2006, 151, 1-4.	1.3	13
238	Echo-shifted multislice EPI for high-speed fMRI. <i>Magnetic Resonance Imaging</i> , 2006, 24, 433-442.	1.0	12
239	Integration of fMRI, NIROT and ERP for studies of human brain function. <i>Magnetic Resonance Imaging</i> , 2006, 24, 507-513.	1.0	14
240	Partially enhanced thalamocortical functional connectivity in autism. <i>Brain Research</i> , 2006, 1104, 160-174.	1.1	183
242	Unmixing fMRI with independent component analysis. <i>IEEE Engineering in Medicine and Biology Magazine</i> , 2006, 25, 79-90.	1.1	260
243	Exploratory analysis of brain connectivity with ICA. <i>IEEE Engineering in Medicine and Biology Magazine</i> , 2006, 25, 102-111.	1.1	27
244	Therapy-induced plasticity of cognitive functions in MS patients: Insights from fMRI. <i>Journal of Physiology (Paris)</i> , 2006, 99, 455-462.	2.1	48
245	Exploring large-scale brain networks in functional MRI. <i>Journal of Physiology (Paris)</i> , 2006, 100, 171-181.	2.1	24
246	How default is the default mode of brain function?. <i>Neuropsychologia</i> , 2006, 44, 2836-2845.	0.7	566
247	Reduced responsiveness is an essential feature of chronic fatigue syndrome: A fMRI study. <i>BMC Neurology</i> , 2006, 6, 9.	0.8	64
248	Tissue specificity of nonlinear dynamics in baseline fMRI. <i>Magnetic Resonance in Medicine</i> , 2006, 55, 626-632.	1.9	17
249	Task-modulation of functional synchrony between spontaneous low-frequency oscillations in the human brain detected by fMRI. <i>Magnetic Resonance in Medicine</i> , 2006, 56, 41-50.	1.9	13

#	ARTICLE	IF	CITATIONS
250	Principles of magnetic resonance assessment of brain function. <i>Journal of Magnetic Resonance Imaging</i> , 2006, 23, 794-807.	1.9	153
251	Functional connectivity networks are disrupted in left temporal lobe epilepsy. <i>Annals of Neurology</i> , 2006, 59, 335-343.	2.8	284
252	Models of Functional Neuroimaging Data. <i>Current Medical Imaging</i> , 2006, 2, 15-34.	0.4	15
253	Functional Connectivity of Cortical Networks Involved in Bimanual Motor Sequence Learning. <i>Cerebral Cortex</i> , 2006, 17, 1227-1234.	1.6	158
254	A generalization of the two-dimensional prolate spheroidal wave function method for nonrectilinear MRI data acquisition methods. <i>IEEE Transactions on Image Processing</i> , 2006, 15, 2792-2804.	6.0	20
255	Coherent Spontaneous Activity Identifies a Hippocampal-Parietal Memory Network. <i>Journal of Neurophysiology</i> , 2006, 96, 3517-3531.	0.9	924
256	Interregional Functional Connectivity via Pattern Synchrony. , 2006, , .		5
257	Sustained Activity in Topographic Areas of Human Posterior Parietal Cortex during Memory-Guided Saccades. <i>Journal of Neuroscience</i> , 2006, 26, 5098-5108.	1.7	146
258	Selective changes of resting-state networks in individuals at risk for Alzheimer's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 18760-18765.	3.3	957
259	The Triphasic Intrinsic Signal: Implications for Functional Imaging. <i>Journal of Neuroscience</i> , 2007, 27, 4572-4586.	1.7	93
260	Resting-state networks in the infant brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 15531-15536.	3.3	586
261	Efficiency and Cost of Economical Brain Functional Networks. <i>PLoS Computational Biology</i> , 2007, 3, e17.	1.5	2,100
262	Physiological MR signal variations within the brain at 3 T. <i>Biomedizinische Technik</i> , 2007, 52, 126-129.	0.9	0
263	Are Anticorrelated Networks in the Brain Relevant to Schizophrenia?. <i>Schizophrenia Bulletin</i> , 2007, 33, 994-1003.	2.3	113
264	Extrinsic and Intrinsic Systems in the Posterior Cortex of the Human Brain Revealed during Natural Sensory Stimulation. <i>Cerebral Cortex</i> , 2007, 17, 766-777.	1.6	327
265	Whole brain functional connectivity in the early blind. <i>Brain</i> , 2007, 130, 2085-2096.	3.7	241
266	Direct Measure of Local Region Functional Connectivity by Multivariate Correlation Technique. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2007, 2007, 5231-4.	0.5	2
267	Dissociable Intrinsic Connectivity Networks for Salience Processing and Executive Control. <i>Journal of Neuroscience</i> , 2007, 27, 2349-2356.	1.7	6,171

#	ARTICLE	IF	CITATIONS
268	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.	1.6	160
269	Spontaneous Low-Frequency Fluctuations in the BOLD Signal in Schizophrenic Patients: Anomalies in the Default Network. <i>Schizophrenia Bulletin</i> , 2007, 33, 1004-1012.	2.3	515
270	Reduced Hippocampal Functional Connectivity in Alzheimer Disease. <i>Archives of Neurology</i> , 2007, 64, 1482.	4.9	314
272	Reciprocal Effects of Antidepressant Treatment on Activity and Connectivity of the Mood Regulating Circuit: An fMRI Study. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2007, 19, 274-282.	0.9	183
273	The role of impaired neuronal communication in neurological disorders. <i>Current Opinion in Neurology</i> , 2007, 20, 655-660.	1.8	112
274	Partial correlation mapping of brain functional connectivity with resting state fMRI. , 2007, , .		2
275	The functional connectivity of semantic task changes in the recovery from stroke aphasia. , 2007, , .		0
276	Morphological substrate of face matching in healthy ageing and mild cognitive impairment: a combined MRI-fMRI study. <i>Brain</i> , 2007, 130, 1745-1758.	3.7	47
277	Breakdown of Functional Connectivity in Frontoparietal Networks Underlies Behavioral Deficits in Spatial Neglect. <i>Neuron</i> , 2007, 53, 905-918.	3.8	851
278	Intrinsic Fluctuations within Cortical Systems Account for Intertrial Variability in Human Behavior. <i>Neuron</i> , 2007, 56, 171-184.	3.8	731
279	The Behavioral Significance of Spontaneous Fluctuations in Brain Activity. <i>Neuron</i> , 2007, 56, 8-9.	3.8	22
280	Disruption of Large-Scale Brain Systems in Advanced Aging. <i>Neuron</i> , 2007, 56, 924-935.	3.8	1,421
281	Distinct brain networks for adaptive and stable task control in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 11073-11078.	3.3	2,290
282	Anxiety, respiration, and cerebral blood flow: implications for functional brain imaging. <i>Comprehensive Psychiatry</i> , 2007, 48, 103-112.	1.5	61
283	Functional MRI today. <i>International Journal of Psychophysiology</i> , 2007, 63, 138-145.	0.5	59
284	Functional dysconnectivity of the dorsolateral prefrontal cortex in first-episode schizophrenia using resting-state fMRI. <i>Neuroscience Letters</i> , 2007, 417, 297-302.	1.0	286
285	Aging influence on functional connectivity of the motor network in the resting state. <i>Neuroscience Letters</i> , 2007, 422, 164-168.	1.0	91
286	Normal aging decreases regional homogeneity of the motor areas in the resting state. <i>Neuroscience Letters</i> , 2007, 423, 189-193.	1.0	71

#	ARTICLE	IF	CITATIONS
287	Does the brain have a baseline? Why we should be resisting a rest. NeuroImage, 2007, 37, 1073-1082.	2.1	310
288	A comment on the severity of the effects of non-white noise in fMRI time-series. NeuroImage, 2007, 36, 282-288.	2.1	34
289	Observation of two distinct spatial-temporal BOLD clusters during sensory stimulation in rats. NeuroImage, 2007, 34, 1220-1226.	2.1	2
290	A semi-parametric approach to estimate the family-wise error rate in fMRI using resting-state data. NeuroImage, 2007, 34, 1562-1576.	2.1	20
291	In vivo mapping of functional connectivity in neurotransmitter systems using pharmacological MRI. NeuroImage, 2007, 34, 1627-1636.	2.1	112
292	Regional coherence changes in the early stages of Alzheimer's disease: A combined structural and resting-state functional MRI study. NeuroImage, 2007, 35, 488-500.	2.1	504
293	A method for using blocked and event-related fMRI data to study resting state functional connectivity. NeuroImage, 2007, 35, 396-405.	2.1	522
294	Frequency based mutual information measures between clusters of brain regions in functional magnetic resonance imaging. NeuroImage, 2007, 35, 83-88.	2.1	82
295	Unrest at rest: Default activity and spontaneous network correlations. NeuroImage, 2007, 37, 1091-1096.	2.1	496
296	Amplitude of low frequency fluctuation within visual areas revealed by resting-state functional MRI. NeuroImage, 2007, 36, 144-152.	2.1	478
297	An ARX model-based approach to trial by trial identification of fMRI-BOLD responses. NeuroImage, 2007, 37, 189-201.	2.1	24
298	The relationship within and between the extrinsic and intrinsic systems indicated by resting state correlational patterns of sensory cortices. NeuroImage, 2007, 36, 684-690.	2.1	78
299	Mapping the functional connectivity of anterior cingulate cortex. NeuroImage, 2007, 37, 579-588.	2.1	678
300	Isolating physiologic noise sources with independently determined spatial measures. NeuroImage, 2007, 37, 1286-1300.	2.1	150
301	Low-frequency fluctuations in the cardiac rate as a source of variance in the resting-state fMRI BOLD signal. NeuroImage, 2007, 38, 306-320.	2.1	508
302	fMRI during natural sleep as a method to study brain function during early childhood. NeuroImage, 2007, 38, 696-707.	2.1	76
303	Development of distinct control networks through segregation and integration. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 13507-13512.	3.3	1,083
304	Advanced Neuroimaging Approaches of Magnetic Resonance for Brain Function Research. , 2007, , .		0

#	ARTICLE	IF	CITATIONS
305	Asymmetry of Anticipatory Activity in Visual Cortex Predicts the Locus of Attention and Perception. <i>Journal of Neuroscience</i> , 2007, 27, 14424-14433.	1.7	104
306	Electrophysiological signatures of resting state networks in the human brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 13170-13175.	3.3	1,716
307	Synchronized delta oscillations correlate with the resting-state functional MRI signal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 18265-18269.	3.3	409
308	Functional disintegration in paranoid schizophrenia using resting-state fMRI. <i>Schizophrenia Research</i> , 2007, 97, 194-205.	1.1	384
309	Resting-State Functional Connectivity in Major Depression: Abnormally Increased Contributions from Subgenual Cingulate Cortex and Thalamus. <i>Biological Psychiatry</i> , 2007, 62, 429-437.	0.7	1,979
310	Neuroimaging of cognitive disability in schizophrenia: Search for a pathophysiological mechanism. <i>International Review of Psychiatry</i> , 2007, 19, 417-427.	1.4	132
311	Modelling brain responses. , 2007, , 32-45.		7
312	Bimanual passive movement: functional activation and inter-regional coupling. <i>Frontiers in Integrative Neuroscience</i> , 2007, 1, 5.	1.0	8
313	Functional connectivity: eigenimages and multivariate analyses. , 2007, , 492-507.		19
315	Aging and brain activation with working memory tasks: an fMRI study of connectivity. <i>International Journal of Geriatric Psychiatry</i> , 2007, 22, 332-342.	1.3	31
316	Functional neural circuits for mental timekeeping. <i>Human Brain Mapping</i> , 2007, 28, 394-408.	1.9	133
317	Task demand modulation of steady-state functional connectivity to primary motor cortex. <i>Human Brain Mapping</i> , 2007, 28, 663-672.	1.9	55
318	Stabilities of negative correlations between blood oxygen level-dependent signals associated with sensory and motor cortices. <i>Human Brain Mapping</i> , 2007, 28, 681-690.	1.9	17
319	Altered functional connectivity in early Alzheimer's disease: A resting-state fMRI study. <i>Human Brain Mapping</i> , 2007, 28, 967-978.	1.9	653
320	The study of autism as a distributed disorder. <i>Mental Retardation and Developmental Disabilities Research Reviews</i> , 2007, 13, 85-95.	3.5	170
321	Functional connectivity in the pharmacologically activated brain: Resolving networks of correlated responses to amphetamine. <i>Magnetic Resonance in Medicine</i> , 2007, 57, 704-713.	1.9	50
322	Statistical framework and noise sensitivity of the amplitude radial correlation contrast method. <i>Magnetic Resonance in Medicine</i> , 2007, 58, 554-561.	1.9	2
323	MRI of spontaneous fluctuations after acute cerebral ischemia in nonhuman primates. <i>Journal of Magnetic Resonance Imaging</i> , 2007, 26, 1112-1116.	1.9	21

#	ARTICLE	IF	CITATIONS
324	Detecting groups of coherent voxels in functional MRI data using spectral analysis and replicator dynamics. <i>Journal of Magnetic Resonance Imaging</i> , 2007, 26, 1642-1650.	1.9	5
325	Spontaneous attentional fluctuations in impaired states and pathological conditions: A neurobiological hypothesis. <i>Neuroscience and Biobehavioral Reviews</i> , 2007, 31, 977-986.	2.9	780
326	Cluster analysis detection of functional MRI activity in temporal lobe epilepsy. <i>Epilepsy Research</i> , 2007, 76, 22-33.	0.8	28
327	Detecting functional connectivity in the resting brain: a comparison between ICA and CCA. <i>Magnetic Resonance Imaging</i> , 2007, 25, 47-56.	1.0	90
328	Using partial correlation to enhance structural equation modeling of functional MRI data. <i>Magnetic Resonance Imaging</i> , 2007, 25, 1181-1189.	1.0	60
329	Pharmacological modulation of functional connectivity: the correlation structure underlying the phMRI response to d-amphetamine modified by selective dopamine D3 receptor antagonist SB277011A. <i>Magnetic Resonance Imaging</i> , 2007, 25, 811-820.	1.0	69
330	Assessing functional connectivity in the human brain by fMRI. <i>Magnetic Resonance Imaging</i> , 2007, 25, 1347-1357.	1.0	379
331	Spontaneous fluctuations in brain activity observed with functional magnetic resonance imaging. <i>Nature Reviews Neuroscience</i> , 2007, 8, 700-711.	4.9	5,936
332	Intrinsic functional architecture in the anaesthetized monkey brain. <i>Nature</i> , 2007, 447, 83-86.	13.7	1,730
333	Some problems for representations of brain organization based on activation in functional imaging. <i>Brain and Language</i> , 2007, 102, 130-140.	0.8	43
334	Altered baseline brain activity in children with ADHD revealed by resting-state functional MRI. <i>Brain and Development</i> , 2007, 29, 83-91.	0.6	2,118
335	Alterations of fronto-temporal connectivity during word encoding in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2007, 154, 221-232.	0.9	100
336	DWTâ€‘CEM: an algorithm for scale-temporal clustering in fMRI. <i>Biological Cybernetics</i> , 2007, 97, 33-45.	0.6	16
337	Spatio-temporal analysis of stimuli-modulated spontaneous low frequency oscillations. <i>Science Bulletin</i> , 2007, 52, 1475-1483.	1.7	11
338	Signal and noise of Fourier reconstructed fMRI data. <i>Journal of Neuroscience Methods</i> , 2007, 159, 361-369.	1.3	22
339	An improved approach to detection of amplitude of low-frequency fluctuation (ALFF) for resting-state fMRI: Fractional ALFF. <i>Journal of Neuroscience Methods</i> , 2008, 172, 137-141.	1.3	1,617
340	Dynamic Changes in Brain Activations and Functional Connectivity during Affectively Different Tactile Stimuli. <i>Cellular and Molecular Neurobiology</i> , 2008, 28, 57-70.	1.7	34
341	A new integrative model of cerebral activation, deactivation and default mode function in Alzheimerâ€™s disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008, 35, 12-24.	3.3	50

#	ARTICLE	IF	CITATIONS
342	Cortical network dynamics with time delays reveals functional connectivity in the resting brain. <i>Cognitive Neurodynamics</i> , 2008, 2, 115-120.	2.3	121
343	Interpretation of Neuroimaging Data Based on Network Concepts. <i>Brain Imaging and Behavior</i> , 2008, 2, 264-269.	1.1	18
344	Multimodal Magnetic Resonance Imaging for Brain Disorders: Advances and Perspectives. <i>Brain Imaging and Behavior</i> , 2008, 2, 249-257.	1.1	8
345	Physiological noise in MR images: An indicator of the tissue response to ischemia?. <i>Journal of Magnetic Resonance Imaging</i> , 2008, 27, 866-871.	1.9	18
346	Source of low-frequency fluctuations in functional MRI signal. <i>Journal of Magnetic Resonance Imaging</i> , 2008, 27, 891-897.	1.9	26
347	Reducing correlated noise in fMRI data. <i>Magnetic Resonance in Medicine</i> , 2008, 59, 939-945.	1.9	28
348	Resting-state functional connectivity of the rat brain. <i>Magnetic Resonance in Medicine</i> , 2008, 59, 1021-1029.	1.9	192
349	Functional connectivity mapping using the ferromagnetic Potts spin model. <i>Human Brain Mapping</i> , 2008, 29, 422-440.	1.9	14
350	Altered functional connectivity of primary visual cortex in early blindness. <i>Human Brain Mapping</i> , 2008, 29, 533-543.	1.9	123
351	Low frequency BOLD fluctuations during resting wakefulness and light sleep: A simultaneous EEG-fMRI study. <i>Human Brain Mapping</i> , 2008, 29, 671-682.	1.9	521
352	Ranking and averaging independent component analysis by reproducibility (RAICAR). <i>Human Brain Mapping</i> , 2008, 29, 711-725.	1.9	85
353	Persistent default-mode network connectivity during light sedation. <i>Human Brain Mapping</i> , 2008, 29, 839-847.	1.9	502
354	Resting state sensorimotor functional connectivity in multiple sclerosis inversely correlates with transcallosal motor pathway transverse diffusivity. <i>Human Brain Mapping</i> , 2008, 29, 818-827.	1.9	162
355	The effect of respiration variations on independent component analysis results of resting state functional connectivity. <i>Human Brain Mapping</i> , 2008, 29, 740-750.	1.9	268
356	Neuronal correlates of spontaneous fluctuations in fMRI signals in monkey visual cortex: Implications for functional connectivity at rest. <i>Human Brain Mapping</i> , 2008, 29, 751-761.	1.9	529
357	Modulation of temporally coherent brain networks estimated using ICA at rest and during cognitive tasks. <i>Human Brain Mapping</i> , 2008, 29, 828-838.	1.9	532
358	Endogenous brain fluctuations and diagnostic imaging. <i>Human Brain Mapping</i> , 2008, 29, 810-817.	1.9	47
359	The power of spectral density analysis for mapping endogenous BOLD signal fluctuations. <i>Human Brain Mapping</i> , 2008, 29, 778-790.	1.9	139

#	ARTICLE	IF	CITATIONS
360	Endogenous oscillations and networks in functional magnetic resonance imaging. <i>Human Brain Mapping</i> , 2008, 29, 737-739.	1.9	39
361	Network homogeneity reveals decreased integrity of default-mode network in ADHD. <i>Journal of Neuroscience Methods</i> , 2008, 169, 249-254.	1.3	393
362	SNR and functional sensitivity of BOLD and perfusion-based fMRI using arterial spin labeling with spiral SENSE at 3 T. <i>Magnetic Resonance Imaging</i> , 2008, 26, 513-522.	1.0	27
363	Community structure and modularity in networks of correlated brain activity. <i>Magnetic Resonance Imaging</i> , 2008, 26, 914-920.	1.0	78
364	Spontaneous low-frequency blood oxygenation level-dependent fluctuations and functional connectivity analysis of the "resting" brain. <i>Magnetic Resonance Imaging</i> , 2008, 26, 1055-1064.	1.0	188
365	From Loci to Networks and Back Again. <i>Annals of the New York Academy of Sciences</i> , 2008, 1145, 300-315.	1.8	26
366	<i>Intrinsic Brain Activity in Altered States of Consciousness</i>. <i>Annals of the New York Academy of Sciences</i> , 2008, 1129, 119-129.	1.8	340
367	<i>Cognitive Neuroscience of Aging</i>. <i>Annals of the New York Academy of Sciences</i> , 2008, 1124, 127-144.	1.8	414
368	<i>The Brain's Default Network</i>. <i>Annals of the New York Academy of Sciences</i> , 2008, 1124, 1-38.	1.8	8,109
370	Metabolic Origin of Bold Signal Fluctuations in the Absence of Stimuli. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2008, 28, 1377-1387.	2.4	93
371	Interhemispheric correlations of slow spontaneous neuronal fluctuations revealed in human sensory cortex. <i>Nature Neuroscience</i> , 2008, 11, 1100-1108.	7.1	442
372	The Impact of Magnetic Resonance Imaging-Detected White Matter Hyperintensities on Longitudinal Changes in Regional Cerebral Blood Flow. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2008, 28, 190-197.	2.4	48
373	Multivariate Reconstruction of Functional Networks From Cortical Sources Dynamics in MEG/EEG. <i>IEEE Transactions on Biomedical Engineering</i> , 2008, 55, 2074-2086.	2.5	12
374	Log Wavelet Leaders Cumulant Based Multifractal Analysis of EVI fMRI Time Series: Evidence of Scaling in Ongoing and Evoked Brain Activity. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2008, 2, 929-943.	7.3	47
375	A Data and Model-Driven Approach to Explore Inter-Subject Variability of Resting-State Brain Activity Using EEG-fMRI. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2008, 2, 944-953.	7.3	6
376	The Coordination Dynamics of Economic Decision Making: A Multilevel Approach to Social Neuroeconomics. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2008, 16, 557-571.	2.7	27
377	Guest Editorial Neuroeconomics: A Neural Engineering Perspective. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2008, 16, 521-521.	2.7	0
378	Enhanced resting-state brain activities in ADHD patients: A fMRI study. <i>Brain and Development</i> , 2008, 30, 342-348.	0.6	125

#	ARTICLE	IF	CITATIONS
379	Functional connectivity of the sensorimotor area in naturally sleeping infants. <i>Brain Research</i> , 2008, 1223, 42-49.	1.1	98
380	Group independent component analysis reveals consistent resting-state networks across multiple sessions. <i>Brain Research</i> , 2008, 1239, 141-151.	1.1	117
381	Abnormal neural activity in the patients with remitted geriatric depression: A resting-state functional magnetic resonance imaging study. <i>Journal of Affective Disorders</i> , 2008, 111, 145-152.	2.0	122
382	Data-driven clustering reveals a fundamental subdivision of the human cortex into two global systems. <i>Neuropsychologia</i> , 2008, 46, 540-553.	0.7	169
383	Regional homogeneity, functional connectivity and imaging markers of Alzheimer's disease: A review of resting-state fMRI studies. <i>Neuropsychologia</i> , 2008, 46, 1648-1656.	0.7	229
384	Altered resting-state functional connectivity and anatomical connectivity of hippocampus in schizophrenia. <i>Schizophrenia Research</i> , 2008, 100, 120-132.	1.1	289
385	Functional Connectivity of Human Striatum: A Resting State fMRI Study. <i>Cerebral Cortex</i> , 2008, 18, 2735-2747.	1.6	962
386	Cingulate-Precuneus Interactions: A New Locus of Dysfunction in Adult Attention-Deficit/Hyperactivity Disorder. <i>Biological Psychiatry</i> , 2008, 63, 332-337.	0.7	777
387	Decomposing Intra-Subject Variability in Children with Attention-Deficit/Hyperactivity Disorder. <i>Biological Psychiatry</i> , 2008, 64, 607-614.	0.7	133
388	Application of magnetic resonance imaging in animal models of perinatal hypoxic-ischemic cerebral injury. <i>International Journal of Developmental Neuroscience</i> , 2008, 26, 13-25.	0.7	29
389	Default-mode network activity distinguishes amnesic type mild cognitive impairment from healthy aging: A combined structural and resting-state functional MRI study. <i>Neuroscience Letters</i> , 2008, 438, 111-115.	1.0	227
390	The Reorienting System of the Human Brain: From Environment to Theory of Mind. <i>Neuron</i> , 2008, 58, 306-324.	3.8	3,275
391	Acupuncture modulates resting state connectivity in default and sensorimotor brain networks. <i>Pain</i> , 2008, 136, 407-418.	2.0	262
392	A link between neuroscience and informatics: Large-scale modeling of memory processes. <i>Methods</i> , 2008, 44, 338-347.	1.9	8
393	The precuneus/posterior cingulate cortex plays a pivotal role in the default mode network: Evidence from a partial correlation network analysis. <i>NeuroImage</i> , 2008, 42, 1178-1184.	2.1	1,048
394	Small-world and scale-free organization of voxel-based resting-state functional connectivity in the human brain. <i>NeuroImage</i> , 2008, 43, 528-539.	2.1	679
395	Reduced resting-state brain activity in the "default network" in normal aging. <i>Cerebral Cortex</i> , 2008, 18, 1856-1864.	1.6	1,051
396	Spatio-temporal characteristics of low-frequency BOLD signal fluctuations in isoflurane-anesthetized rat brain. <i>NeuroImage</i> , 2008, 40, 1738-1747.	2.1	116

#	ARTICLE	IF	CITATIONS
397	BOLD study of stimulation-induced neural activity and resting-state connectivity in medetomidine-sedated rat. <i>NeuroImage</i> , 2008, 39, 248-260.	2.1	179
398	Competition between functional brain networks mediates behavioral variability. <i>NeuroImage</i> , 2008, 39, 527-537.	2.1	1,141
399	A simple view of the brain through a frequency-specific functional connectivity measure. <i>NeuroImage</i> , 2008, 39, 279-289.	2.1	208
400	Hybrid two-dimensional navigator correction: A new technique to suppress respiratory-induced physiological noise in multi-shot echo-planar functional MRI. <i>NeuroImage</i> , 2008, 39, 1142-1150.	2.1	21
401	The intrinsic functional organization of the brain is altered in autism. <i>NeuroImage</i> , 2008, 39, 1877-1885.	2.1	448
402	A method for functional network connectivity among spatially independent resting-state components in schizophrenia. <i>NeuroImage</i> , 2008, 39, 1666-1681.	2.1	861
403	Independent vector analysis (IVA): Multivariate approach for fMRI group study. <i>NeuroImage</i> , 2008, 40, 86-109.	2.1	135
404	Fisher discriminative analysis of resting-state brain function for attention-deficit/hyperactivity disorder. <i>NeuroImage</i> , 2008, 40, 110-120.	2.1	217
405	Trial-by-trial relationship between neural activity, oxygen consumption, and blood flow responses. <i>NeuroImage</i> , 2008, 40, 442-450.	2.1	48
406	Mapping resting-state functional connectivity using perfusion MRI. <i>NeuroImage</i> , 2008, 40, 1595-1605.	2.1	109
407	Defining functional areas in individual human brains using resting functional connectivity MRI. <i>NeuroImage</i> , 2008, 41, 45-57.	2.1	541
408	Investigation of spatial resolution, partial volume effects and smoothing in functional MRI using artificial 3D time series. <i>NeuroImage</i> , 2008, 41, 346-353.	2.1	37
409	Brain spontaneous functional connectivity and intelligence. <i>NeuroImage</i> , 2008, 41, 1168-1176.	2.1	301
410	Default-mode function and task-induced deactivation have overlapping brain substrates in children. <i>NeuroImage</i> , 2008, 41, 1493-1503.	2.1	130
411	Social cognitive neural networks during in-group and out-group interactions. <i>NeuroImage</i> , 2008, 41, 1447-1461.	2.1	96
413	Integration of motion correction and physiological noise regression in fMRI. <i>NeuroImage</i> , 2008, 42, 582-590.	2.1	76
414	Frequency specificity of functional connectivity in brain networks. <i>NeuroImage</i> , 2008, 42, 1047-1055.	2.1	141
415	Measuring brain connectivity: Diffusion tensor imaging validates resting state temporal correlations. <i>NeuroImage</i> , 2008, 43, 554-561.	2.1	409

#	ARTICLE	IF	CITATIONS
416	Human brain mapping: Hemodynamic response and electrophysiology. <i>Clinical Neurophysiology</i> , 2008, 119, 731-743.	0.7	161
417	Evidence for a Frontoparietal Control System Revealed by Intrinsic Functional Connectivity. <i>Journal of Neurophysiology</i> , 2008, 100, 3328-3342.	0.9	1,627
418	Distinct Cortical Anatomy Linked to Subregions of the Medial Temporal Lobe Revealed by Intrinsic Functional Connectivity. <i>Journal of Neurophysiology</i> , 2008, 100, 129-139.	0.9	432
419	Disrupted small-world networks in schizophrenia. <i>Brain</i> , 2008, 131, 945-961.	3.7	944
420	Does the Brain Rest?: An Independent Component Analysis of Temporally Coherent Brain Networks at Rest and During a Cognitive Task. , 2008, , .		0
421	Spatial patterns and functional profiles for discovering structure in fMRI data. , 2008, 2008, 1402-1409.		2
422	Loss of Resting Interhemispheric Functional Connectivity after Complete Section of the Corpus Callosum. <i>Journal of Neuroscience</i> , 2008, 28, 6453-6458.	1.7	268
423	A Functional Magnetic Resonance Imaging Study on the Neural Mechanisms of Hyperalgesic Nocebo Effect. <i>Journal of Neuroscience</i> , 2008, 28, 13354-13362.	1.7	229
424	Spontaneous local variations in ongoing neural activity bias perceptual decisions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 10984-10989.	3.3	294
425	A BOLD window into brain waves. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 15641-15642.	3.3	54
426	Microstructural Organization of the Cingulum Tract and the Level of Default Mode Functional Connectivity. <i>Journal of Neuroscience</i> , 2008, 28, 10844-10851.	1.7	301
427	Ongoing Activity Fluctuations in hMT+ Bias the Perception of Coherent Visual Motion. <i>Journal of Neuroscience</i> , 2008, 28, 14481-14485.	1.7	132
428	Regional Variation in Interhemispheric Coordination of Intrinsic Hemodynamic Fluctuations. <i>Journal of Neuroscience</i> , 2008, 28, 13754-13764.	1.7	271
429	Network Analysis of Intrinsic Functional Brain Connectivity in Alzheimer's Disease. <i>PLoS Computational Biology</i> , 2008, 4, e1000100.	1.5	995
430	Origin of Synchronized Low-Frequency Blood Oxygen Level-Dependent Fluctuations in the Primary Visual Cortex. <i>American Journal of Neuroradiology</i> , 2008, 29, 1722-1729.	1.2	31
431	Resting States Affect Spontaneous BOLD Oscillations in Sensory and Paralimbic Cortex. <i>Journal of Neurophysiology</i> , 2008, 100, 922-931.	0.9	109
432	Intrinsic Functional Relations Between Human Cerebral Cortex and Thalamus. <i>Journal of Neurophysiology</i> , 2008, 100, 1740-1748.	0.9	399
433	Spontaneous Activity Associated with Primary Visual Cortex: A Resting-State fMRI Study. <i>Cerebral Cortex</i> , 2008, 18, 697-704.	1.6	132

#	ARTICLE	IF	CITATIONS
434	The effects of age on the spontaneous low-frequency oscillations in cerebral and systemic cardiovascular dynamics. <i>Physiological Measurement</i> , 2008, 29, 1055-1069.	1.2	86
435	Magnetic resonance imaging of neural circuits. <i>Nature Clinical Practice Cardiovascular Medicine</i> , 2008, 5, S71-S78.	3.3	10
436	The Brain: What is Critical About It?. <i>AIP Conference Proceedings</i> , 2008, , .	0.3	20
437	NEDICA: Detection of group functional networks in fMRI using spatial independent component analysis. , 2008, , .		13
438	Electrophysiological correlates of the brain's intrinsic large-scale functional architecture. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 16039-16044.	3.3	627
439	Inferring functional connectivity using spatial modulation measures of fMRI signals within brain regions of interest. , 2008, , .		1
440	Inter-subject variability of resting state brain activity explored using a data and model-driven approach in combination with EEG-fMRI. , 2008, , .		1
441	Functional brain imaging and neurological recovery. , 0, , 162-181.		4
442	Correlations in spontaneous activity and gray matter density between left and right sensorimotor areas of pianists. <i>NeuroReport</i> , 2008, 19, 631-634.	0.6	13
443	Residual functional connectivity in the split-brain revealed with resting-state functional MRI. <i>NeuroReport</i> , 2008, 19, 703-709.	0.6	142
444	Imaging for Diagnosis and Treatment of Cerebral Palsy. <i>Clinical Obstetrics and Gynecology</i> , 2008, 51, 787-799.	0.6	14
445	Resting-state functional connectivity in neuropsychiatric disorders. <i>Current Opinion in Neurology</i> , 2008, 21, 424-430.	1.8	1,021
446	Contribution of Exploratory Methods to the Investigation of Extended Large-Scale Brain Networks in Functional MRI: Methodologies, Results, and Challenges. <i>International Journal of Biomedical Imaging</i> , 2008, 2008, 1-14.	3.0	32
447	Social Neuroeconomics: A dynamical systems perspective. <i>Revue D'Economie Politique</i> , 2008, Vol. 118, 51-62.	0.2	6
448	Automatic Physiological Waveform Processing for fMRI Noise Correction and Analysis. <i>PLoS ONE</i> , 2008, 3, e1751.	1.1	16
449	Exploring the Anatomical Basis of Effective Connectivity Models with DTI-Based Fiber Tractography. <i>International Journal of Biomedical Imaging</i> , 2008, 2008, 1-9.	3.0	10
450	Brain imaging and electroconvulsive therapy. , 2009, , 94-108.		0
451	Interpreting the BOLD response. , 2009, , 400-424.		1

#	ARTICLE	IF	CITATIONS
452	Detection of regional blood flow using arterial spin labeling. , 0, , 94-112.		0
453	Uncovering Intrinsic Modular Organization of Spontaneous Brain Activity in Humans. PLoS ONE, 2009, 4, e5226.	1.1	578
454	Spontaneous Brain Activity in the Default Mode Network Is Sensitive to Different Resting-State Conditions with Limited Cognitive Load. PLoS ONE, 2009, 4, e5743.	1.1	290
455	Resting Network Plasticity Following Brain Injury. PLoS ONE, 2009, 4, e8220.	1.1	237
456	Reward networks in the brain as captured by connectivity measures. Frontiers in Neuroscience, 2009, 3, 350-362.	1.4	96
457	Mapping transient hyperventilation induced alterations with estimates of the multi-scale dynamics of BOLD signal.. Frontiers in Neuroinformatics, 2009, 3, 18.	1.3	15
458	Functional connectivity for somatosensory and motor cortex in spastic diplegia. Somatosensory & Motor Research, 2009, 26, 90-104.	0.4	62
459	Resting-State Functional Connectivity Reflects Structural Connectivity in the Default Mode Network. Cerebral Cortex, 2009, 19, 72-78.	1.6	1,915
460	Evidence from intrinsic activity that asymmetry of the human brain is controlled by multiple factors. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 20499-20503.	3.3	333
461	Bistability and Non-Gaussian Fluctuations in Spontaneous Cortical Activity. Journal of Neuroscience, 2009, 29, 8512-8524.	1.7	161
462	Distinct Cerebellar Contributions to Intrinsic Connectivity Networks. Journal of Neuroscience, 2009, 29, 8586-8594.	1.7	934
463	Learning sculpts the spontaneous activity of the resting human brain. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 17558-17563.	3.3	708
464	Control networks in paediatric Tourette syndrome show immature and anomalous patterns of functional connectivity. Brain, 2009, 132, 225-238.	3.7	262
465	Evidence on the emergence of the brain's default network from 2-week-old to 2-year-old healthy pediatric subjects. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 6790-6795.	3.3	480
466	Neuroimaging in obsessive-compulsive disorder. Expert Review of Neurotherapeutics, 2009, 9, 255-269.	1.4	91
467	Cortical Hubs Revealed by Intrinsic Functional Connectivity: Mapping, Assessment of Stability, and Relation to Alzheimer's Disease. Journal of Neuroscience, 2009, 29, 1860-1873.	1.7	2,576
468	Key role of coupling, delay, and noise in resting brain fluctuations. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 10302-10307.	3.3	681
469	Decoupling of the brain's default mode network during deep sleep. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 11376-11381.	3.3	627

#	ARTICLE	IF	CITATIONS
470	Functional Brain Networks Develop from a "Local to Distributed" Organization. PLoS Computational Biology, 2009, 5, e1000381.	1.5	1,274
471	Interactions between Cortical Rhythms and Spiking Activity of Single Basal Ganglia Neurons in the Normal and Parkinsonian State. Cerebral Cortex, 2009, 19, 1330-1344.	1.6	38
472	Mammillothalamic functional connectivity and memory function in Wernicke's encephalopathy. Brain, 2009, 132, 369-376.	3.7	40
473	Functional Connectivity of the Macaque Brain across Stimulus and Arousal States. Journal of Neuroscience, 2009, 29, 5897-5909.	1.7	65
474	A Paradigm Shift in Functional Brain Imaging. Journal of Neuroscience, 2009, 29, 12729-12734.	1.7	235
475	Functional network connectivity analysis based on partial correlation in Alzheimer's disease. , 2009, , .		0
476	RV-coefficient and its significance test in mapping brain functional connectivity. , 2009, , .		1
477	SEVEN TOPICS IN FUNCTIONAL MAGNETIC RESONANCE IMAGING. Journal of Integrative Neuroscience, 2009, 08, 371-403.	0.8	22
478	A Theoretical Investigation of the Relationship between Structural Equation Modeling and Partial Correlation in Functional MRI Effective Connectivity. Computational Intelligence and Neuroscience, 2009, 2009, 1-9.	1.1	7
479	Neural Correlates of Autistic Traits in the General Population: Insights Into Autism. American Journal of Psychiatry, 2009, 166, 849-851.	4.0	2
480	Novel approaches to imaging epilepsy by MRI. Future Neurology, 2009, 4, 295-304.	0.9	2
482	Spontaneous Brain Activity in the Newborn Brain During Natural Sleep"An fMRI Study in Infants Born at Full Term. Pediatric Research, 2009, 66, 301-305.	1.1	201
483	Development of Large-Scale Functional Brain Networks in Children. PLoS Biology, 2009, 7, e1000157.	2.6	724
484	L-Dopa Modulates Functional Connectivity in Striatal Cognitive and Motor Networks: A Double-Blind Placebo-Controlled Study. Journal of Neuroscience, 2009, 29, 7364-7378.	1.7	268
485	Impact of Alzheimers Disease on the Functional Connectivity of Spontaneous Brain Activity. Current Alzheimer Research, 2009, 6, 541-553.	0.7	83
486	Functional Connectivity of the Human Red Nucleus in the Brain Resting State at 3T. American Journal of Neuroradiology, 2009, 30, 396-403.	1.2	76
487	Development of Anterior Cingulate Functional Connectivity from Late Childhood to Early Adulthood. Cerebral Cortex, 2009, 19, 640-657.	1.6	497
488	Relationship Between Cingulo-Insular Functional Connectivity and Autistic Traits in Neurotypical Adults. American Journal of Psychiatry, 2009, 166, 891-899.	4.0	205

#	ARTICLE	IF	CITATIONS
489	Time Series Modelling With Semiparametric Factor Dynamics. Journal of the American Statistical Association, 2009, 104, 284-298.	1.8	74
490	Association of Nicotine Addiction and Nicotine's Actions With Separate Cingulate Cortex Functional Circuits. Archives of General Psychiatry, 2009, 66, 431.	13.8	238
491	Reaching across the abyss: recent advances in functional magnetic resonance imaging and their potential relevance to disorders of consciousness. Progress in Brain Research, 2009, 177, 261-274.	0.9	45
492	PREOPERATIVE SENSORIMOTOR MAPPING IN BRAIN TUMOR PATIENTS USING SPONTANEOUS FLUCTUATIONS IN NEURONAL ACTIVITY IMAGED WITH FUNCTIONAL MAGNETIC RESONANCE IMAGING. Operative Neurosurgery, 2009, 65, ons226-ons236.	0.4	146
493	Task-free presurgical mapping using functional magnetic resonance imaging intrinsic activity. Journal of Neurosurgery, 2009, 111, 746-754.	0.9	117
494	Differential effects of acute cocaine and placebo administration on visual cortical activation in healthy subjects measured using BOLD fMRI. Pharmacology Biochemistry and Behavior, 2009, 92, 277-282.	1.3	11
495	Resting state corticolimbic connectivity abnormalities in unmedicated bipolar disorder and unipolar depression. Psychiatry Research - Neuroimaging, 2009, 171, 189-198.	0.9	330
496	Retrosplenial cortex connectivity in schizophrenia. Psychiatry Research - Neuroimaging, 2009, 174, 17-23.	0.9	70
497	A resting state network in the motor control circuit of the basal ganglia. BMC Neuroscience, 2009, 10, 137.	0.8	134
498	Low-frequency BOLD fluctuations demonstrate altered thalamocortical connectivity in diabetic neuropathic pain. BMC Neuroscience, 2009, 10, 138.	0.8	104
499	Unified Framework for Robust Estimation of Brain Networks From fMRI Using Temporal and Spatial Correlation Analyses. IEEE Transactions on Medical Imaging, 2009, 28, 1296-1307.	5.4	17
500	The role of early visual cortex in visual short-term memory and visual attention. Vision Research, 2009, 49, 1352-1362.	0.7	67
501	Aberrant functional connectivity in autism: Evidence from low-frequency BOLD signal fluctuations. Brain Research, 2009, 1262, 48-63.	1.1	169
502	Acupuncture mobilizes the brain's default mode and its anti-correlated network in healthy subjects. Brain Research, 2009, 1287, 84-103.	1.1	120
503	Abnormal resting-state functional connectivity patterns of the putamen in medication-naïve children with attention deficit hyperactivity disorder. Brain Research, 2009, 1303, 195-206.	1.1	184
504	Abnormal resting-state functional connectivity of posterior cingulate cortex in amnesic type mild cognitive impairment. Brain Research, 2009, 1302, 167-174.	1.1	187
505	Regional homogeneity in depression and its relationship with separate depressive symptom clusters: A resting-state fMRI study. Journal of Affective Disorders, 2009, 115, 430-438.	2.0	199
506	Resting interhemispheric functional magnetic resonance imaging connectivity predicts performance after stroke. Annals of Neurology, 2010, 67, 365-375.	2.8	657

#	ARTICLE	IF	CITATIONS
507	Integrated local correlation: A new measure of local coherence in fMRI data. Human Brain Mapping, 2009, 30, 13-23.	1.9	76
508	Frequency domain connectivity identification: An application of partial directed coherence in fMRI. Human Brain Mapping, 2009, 30, 452-461.	1.9	100
509	Altered small-world brain functional networks in children with attention-deficit/hyperactivity disorder. Human Brain Mapping, 2009, 30, 638-649.	1.9	431
510	Functional connectivity of default mode network components: Correlation, anticorrelation, and causality. Human Brain Mapping, 2009, 30, 625-637.	1.9	961
511	Large-scale neural model validation of partial correlation analysis for effective connectivity investigation in functional MRI. Human Brain Mapping, 2009, 30, 941-950.	1.9	72
512	An fMRI normative database for connectivity networks using one-class support vector machines. Human Brain Mapping, 2009, 30, 1068-1076.	1.9	17
513	Regional homogeneity changes in patients with Parkinson's disease. Human Brain Mapping, 2009, 30, 1502-1510.	1.9	371
514	Parcellation-dependent small-world brain functional networks: A resting-state fMRI study. Human Brain Mapping, 2009, 30, 1511-1523.	1.9	585
515	Decreased basal fMRI functional connectivity in epileptogenic networks and contralateral compensatory mechanisms. Human Brain Mapping, 2009, 30, 1580-1591.	1.9	331
516	Interrater and intermethod reliability of default mode network selection. Human Brain Mapping, 2009, 30, 2293-2303.	1.9	113
517	Two systems of resting state connectivity between the insula and cingulate cortex. Human Brain Mapping, 2009, 30, 2731-2745.	1.9	610
518	Functional connectivity between the thalamus and visual cortex under eyes closed and eyes open conditions: A resting-state fMRI study. Human Brain Mapping, 2009, 30, 3066-3078.	1.9	140
519	Syllable congruency and word frequency effects on brain activation. Human Brain Mapping, 2009, 30, 3079-3088.	1.9	43
520	Functionally linked resting-state networks reflect the underlying structural connectivity architecture of the human brain. Human Brain Mapping, 2009, 30, 3127-3141.	1.9	907
521	A comparison of Granger causality and coherency in fMRI-based analysis of the motor system. Human Brain Mapping, 2009, 30, 3475-3494.	1.9	40
522	Functional segmentation of the brain cortex using high model order group PICA. Human Brain Mapping, 2009, 30, 3865-3886.	1.9	343
523	Specialization in the default mode: Task-induced brain deactivations dissociate between visual working memory and attention. Human Brain Mapping, 2010, 31, 126-139.	1.9	171
524	Test-retest reproducibility of the default-mode network in healthy individuals. Human Brain Mapping, 2010, 31, 237-246.	1.9	174

#	ARTICLE	IF	CITATIONS
525	Resting state and task-induced deactivation: A methodological comparison in patients with schizophrenia and healthy controls. <i>Human Brain Mapping</i> , 2010, 31, 424-437.	1.9	130
526	Specific somatotopic organization of functional connections of the primary motor network during resting state. <i>Human Brain Mapping</i> , 2010, 31, 631-644.	1.9	67
527	Spatiotemporal dynamics of low frequency fluctuations in BOLD fMRI of the rat. <i>Journal of Magnetic Resonance Imaging</i> , 2009, 30, 384-393.	1.9	128
528	Disease state prediction from resting state functional connectivity. <i>Magnetic Resonance in Medicine</i> , 2009, 62, 1619-1628.	1.9	368
529	Greater than the sum of its parts: a review of studies combining structural connectivity and resting-state functional connectivity. <i>Brain Structure and Function</i> , 2009, 213, 525-533.	1.2	785
530	Measurement of spontaneous signal fluctuations in fMRI: adult age differences in intrinsic functional connectivity. <i>Brain Structure and Function</i> , 2009, 213, 571-585.	1.2	52
531	Impaired perceptual networks in temporal lobe epilepsy revealed by resting fMRI. <i>Journal of Neurology</i> , 2009, 256, 1705-1713.	1.8	120
532	Remote effects of hippocampal damage on default network connectivity in the human brain. <i>Journal of Neurology</i> , 2009, 256, 2021-2029.	1.8	64
533	Preoperative localization of the sensorimotor area using independent component analysis of resting-state fMRI. <i>Magnetic Resonance Imaging</i> , 2009, 27, 733-740.	1.0	110
534	Background and evoked activity and their interaction in the human brain. <i>Magnetic Resonance Imaging</i> , 2009, 27, 1140-1150.	1.0	19
535	A serial functional connectivity MRI study in healthy individuals assessing the variability of connectivity measures: reduced interhemispheric connectivity in the motor network during continuous performance. <i>Magnetic Resonance Imaging</i> , 2009, 27, 1347-1359.	1.0	16
536	Identification and comparison of stochastic metabolic/hemodynamic models (sMHM) for the generation of the BOLD signal. <i>Journal of Computational Neuroscience</i> , 2009, 26, 251-269.	0.6	24
537	Detecting Functional Connectivity in fMRI Using PCA and Regression Analysis. <i>Brain Topography</i> , 2009, 22, 134-144.	0.8	45
538	Increased cerebral activity suppresses baroreflex control of heart rate in freely moving mice. <i>Journal of Physiology</i> , 2009, 587, 5783-5794.	1.3	11
539	New Insights into Central Roles of Cerebral Oxygen Metabolism in the Resting and Stimulus-Evoked Brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2009, 29, 10-18.	2.4	51
541	What does the retrosplenial cortex do?. <i>Nature Reviews Neuroscience</i> , 2009, 10, 792-802.	4.9	1,170
542	What's New in Neuroimaging Methods?. <i>Annals of the New York Academy of Sciences</i> , 2009, 1156, 260-293.	1.8	181
543	Sources of functional magnetic resonance imaging signal fluctuations in the human brain at rest: a 7 T study. <i>Magnetic Resonance Imaging</i> , 2009, 27, 1019-1029.	1.0	213

#	ARTICLE	IF	CITATIONS
544	Spinal fMRI investigation of human spinal cord function over a range of innocuous thermal sensory stimuli and study-related emotional influences. <i>Magnetic Resonance Imaging</i> , 2009, 27, 1333-1346.	1.0	31
545	Images-based suppression of unwanted global signals in resting-state functional connectivity studies. <i>Magnetic Resonance Imaging</i> , 2009, 27, 1058-1064.	1.0	50
546	Default-mode brain dysfunction in mental disorders: A systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , 2009, 33, 279-296.	2.9	1,426
547	Neural traffic as voxel-based measure of cerebral functional connectivity in fMRI. <i>Journal of Neuroscience Methods</i> , 2009, 176, 263-269.	1.3	7
548	A Mathematical Model for Understanding the STatistical effects of k-space (AMMUST-k) preprocessing on observed voxel measurements in fcMRI and fMRI. <i>Journal of Neuroscience Methods</i> , 2009, 181, 268-282.	1.3	12
549	Pitfalls in fMRI. <i>European Radiology</i> , 2009, 19, 2689-2706.	2.3	118
550	Cortical spreading ischaemia is a novel process involved in ischaemic damage in patients with aneurysmal subarachnoid haemorrhage. <i>Brain</i> , 2009, 132, 1866-1881.	3.7	479
551	The Resting Brain: Unconstrained yet Reliable. <i>Cerebral Cortex</i> , 2009, 19, 2209-2229.	1.6	824
552	Combining Resting-state fMRI and DTI Analysis for Early-onset Schizophrenia. <i>International Journal of Computational Intelligence Systems</i> , 2009, 2, 375-385.	1.6	4
553	Modalities, Modes, and Models in Functional Neuroimaging. <i>Science</i> , 2009, 326, 399-403.	6.0	415
554	Detection of PCC functional connectivity characteristics in resting-state fMRI in mild Alzheimer's disease. <i>Behavioural Brain Research</i> , 2009, 197, 103-108.	1.2	229
555	A brief history of human brain mapping. <i>Trends in Neurosciences</i> , 2009, 32, 118-126.	4.2	209
556	Levodopa-sensitive, dynamic changes in effective connectivity during simultaneous movements in Parkinson's disease. <i>Neuroscience</i> , 2009, 158, 693-704.	1.1	72
557	Towards a theory of chronic pain. <i>Progress in Neurobiology</i> , 2009, 87, 81-97.	2.8	665
558	Database-managed Grid-enabled analysis of neuroimaging data: The CNARI framework. <i>International Journal of Psychophysiology</i> , 2009, 73, 62-72.	0.5	9
559	Intrinsically organized network for face perception during the resting state. <i>Neuroscience Letters</i> , 2009, 454, 1-5.	1.0	43
560	Impaired attention network in temporal lobe epilepsy: A resting FMRI study. <i>Neuroscience Letters</i> , 2009, 458, 97-101.	1.0	168
561	Changes of functional connectivity of the motor network in the resting state in Parkinson's disease. <i>Neuroscience Letters</i> , 2009, 460, 6-10.	1.0	343

#	ARTICLE	IF	CITATIONS
562	Hippocampal dysfunction in amnesic-type mild cognitive impairment: implications for predicting Alzheimer's risk. <i>Future Neurology</i> , 2009, 4, 649-662.	0.9	5
563	Resting-State Functional Connectivity in Animal Models: Modulations by Exsanguination. <i>Methods in Molecular Biology</i> , 2009, 489, 255-274.	0.4	29
566	Eyes Wide Shut: Amygdala Mediates Eyes-Closed Effect on Emotional Experience with Music. <i>PLoS ONE</i> , 2009, 4, e6230.	1.1	52
567	Mapping the human brain at rest with diffuse optical tomography. , 2009, 2009, 4070-2.		6
568	MRI of neuronal network structure, function, and plasticity. <i>Progress in Brain Research</i> , 2009, 175, 483-496.	0.9	51
569	fMRI Techniques and Protocols. <i>Neuroinformatics</i> , 2009, , .	0.2	14
570	Disruption of Functional Connectivity in Clinically Normal Older Adults Harboring Amyloid Burden. <i>Journal of Neuroscience</i> , 2009, 29, 12686-12694.	1.7	530
571	Automatic classification of brain resting states using fMRI temporal signals. <i>Electronics Letters</i> , 2009, 45, 19.	0.5	10
572	Efficiency of Functional Brain Networks and Intellectual Performance. <i>Journal of Neuroscience</i> , 2009, 29, 7619-7624.	1.7	1,003
573	Segregated Fronto-Cerebellar Circuits Revealed by Intrinsic Functional Connectivity. <i>Cerebral Cortex</i> , 2009, 19, 2485-2497.	1.6	680
574	Correspondence of the brain's functional architecture during activation and rest. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 13040-13045.	3.3	4,636
575	The default mode network and self-referential processes in depression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 1942-1947.	3.3	1,239
576	Exploring functional connectivity in fMRI via clustering. , 2009, 2009, 441-444.		28
577	The Global Signal and Observed Anticorrelated Resting State Brain Networks. <i>Journal of Neurophysiology</i> , 2009, 101, 3270-3283.	0.9	1,732
578	Making the most of fMRI at 7T by suppressing spontaneous signal fluctuations. <i>NeuroImage</i> , 2009, 44, 448-454.	2.1	46
579	Influence of heart rate on the BOLD signal: The cardiac response function. <i>NeuroImage</i> , 2009, 44, 857-869.	2.1	605
580	The impact of global signal regression on resting state correlations: Are anti-correlated networks introduced?. <i>NeuroImage</i> , 2009, 44, 893-905.	2.1	2,164
581	Modulation of spontaneous fMRI activity in human visual cortex by behavioral state. <i>NeuroImage</i> , 2009, 45, 160-168.	2.1	169

#	ARTICLE	IF	CITATIONS
582	Long-term motor training induced changes in regional cerebral blood flow in both task and resting states. <i>NeuroImage</i> , 2009, 45, 75-82.	2.1	89
583	Functional connectivity of the human amygdala using resting state fMRI. <i>NeuroImage</i> , 2009, 45, 614-626.	2.1	680
584	Cluster analysis of resting-state fMRI time series. <i>NeuroImage</i> , 2009, 45, 1117-1125.	2.1	106
585	Mapping functional connectivity based on synchronized CMRO2 fluctuations during the resting state. <i>NeuroImage</i> , 2009, 45, 694-701.	2.1	62
586	Caffeine reduces resting-state BOLD functional connectivity in the motor cortex. <i>NeuroImage</i> , 2009, 46, 56-63.	2.1	69
587	Investigation of relationships between fMRI brain networks in the spectral domain using ICA and Granger causality reveals distinct differences between schizophrenia patients and healthy controls. <i>NeuroImage</i> , 2009, 46, 419-431.	2.1	122
588	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, 1137-1147.	2.1	131
589	Connectivity alterations assessed by combining fMRI and MR-compatible hand robots in chronic stroke. <i>NeuroImage</i> , 2009, 47, T90-T97.	2.1	54
590	Resting-state functional connectivity in the human brain revealed with diffuse optical tomography. <i>NeuroImage</i> , 2009, 47, 148-156.	2.1	305
591	Abnormalities of intrinsic functional connectivity in autism spectrum disorders,. <i>NeuroImage</i> , 2009, 47, 764-772.	2.1	492
592	Effects of model-based physiological noise correction on default mode network anti-correlations and correlations. <i>NeuroImage</i> , 2009, 47, 1448-1459.	2.1	455
593	Hemispheric asymmetry in cognitive division of anterior cingulate cortex: A resting-state functional connectivity study. <i>NeuroImage</i> , 2009, 47, 1579-1589.	2.1	76
594	MATLAB toolbox for functional connectivity. <i>NeuroImage</i> , 2009, 47, 1590-1607.	2.1	112
595	Functional imaging of the human superior colliculus: An optimised approach. <i>NeuroImage</i> , 2009, 47, 1620-1627.	2.1	52
596	Transition from rest to movement: Brain correlates revealed by functional connectivity. <i>NeuroImage</i> , 2009, 48, 207-216.	2.1	42
597	Evaluation of the effective connectivity of supplementary motor areas during motor imagery using Granger causality mapping. <i>NeuroImage</i> , 2009, 47, 1844-1853.	2.1	102
598	Static and dynamic characteristics of cerebral blood flow during the resting state. <i>NeuroImage</i> , 2009, 48, 515-524.	2.1	175
599	Cortical network functional connectivity in the descent to sleep. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 4489-4494.	3.3	407

#	ARTICLE	IF	CITATIONS
600	Precuneus shares intrinsic functional architecture in humans and monkeys. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 20069-20074.	3.3	857
601	Correlations and anticorrelations in resting-state functional connectivity MRI: A quantitative comparison of preprocessing strategies. NeuroImage, 2009, 47, 1408-1416.	2.1	745
602	Investigating the Functional Heterogeneity of the Default Mode Network Using Coordinate-Based Meta-Analytic Modeling. Journal of Neuroscience, 2009, 29, 14496-14505.	1.7	510
603	Physiological origin of low-frequency drift in blood oxygen level dependent (BOLD) functional magnetic resonance imaging (fMRI). Magnetic Resonance in Medicine, 2009, 61, 819-827.	1.9	61
604	Functional Segmentation of fMRI Data Using Adaptive Non-negative Sparse PCA (ANSPCA). Lecture Notes in Computer Science, 2009, 12, 490-497.	1.0	4
605	Resting-state Spontaneous Fluctuations in Brain Activity. Academic Radiology, 2009, 16, 578-583.	1.3	143
607	The Restless Brain: Attention-Deficit Hyperactivity Disorder, Resting-State Functional Connectivity, and Intrasubject Variability. Canadian Journal of Psychiatry, 2009, 54, 665-672.	0.9	80
608	Changes in Resting State Effective Connectivity in the Motor Network Following Rehabilitation of Upper Extremity Poststroke Paresis. Topics in Stroke Rehabilitation, 2009, 16, 270-281.	1.0	89
609	What can spontaneous fluctuations of the blood oxygenation-level-dependent signal tell us about psychiatric disorders?. Current Opinion in Psychiatry, 2010, 23, 239-249.	3.1	137
610	Inferring visual system connectivity using dynamic causal modeling of functional magnetic resonance imaging data. Proceedings of SPIE, 2010, , .	0.8	1
611	Model-free functional MRI analysis for detecting low-frequency functional connectivity in the human brain. Proceedings of SPIE, 2010, , .	0.8	10
612	Abnormal regional homogeneity of drug-naïve obsessive-compulsive patients. NeuroReport, 2010, 21, 786-790.	0.6	29
614	Subgenual cingulate connectivity in children with a history of preschool-depression. NeuroReport, 2010, 21, 1182-1188.	0.6	45
615	The Role of Advanced MR Imaging Findings as Biomarkers of Traumatic Brain Injury. Journal of Head Trauma Rehabilitation, 2010, 25, 267-282.	1.0	121
616	Human orbitofrontal-striatum functional connectivity modulates behavioral persistence. NeuroReport, 2010, 21, 502-506.	0.6	18
617	Evidence for the Default Network's Role in Spontaneous Cognition. Journal of Neurophysiology, 2010, 104, 322-335.	0.9	561
618	Typical and atypical development of functional human brain networks: insights from resting-state fMRI. Frontiers in Systems Neuroscience, 2010, 4, 21.	1.2	298
619	Generative Models of Cortical Oscillations: Neurobiological Implications of the Kuramoto Model. Frontiers in Human Neuroscience, 2010, 4, 190.	1.0	371

#	ARTICLE	IF	CITATIONS
620	Brain specificity of diffuse optical imaging: improvements from superficial signal regression and tomography. <i>Frontiers in Neuroenergetics</i> , 2010, 2, .	5.3	107
621	DPARSF: a MATLAB toolbox for "pipeline" data analysis of resting-state fMRI. <i>Frontiers in Systems Neuroscience</i> , 2010, 4, 13.	1.2	2,558
622	Network scaling effects in graph analytic studies of human resting-state fMRI data. <i>Frontiers in Systems Neuroscience</i> , 2010, 4, 22.	1.2	338
623	Graph-based network analysis of resting-state functional MRI. <i>Frontiers in Systems Neuroscience</i> , 2010, 4, 16.	1.2	453
624	Brain oscillations: ideal scenery to understand the neurovascular coupling. <i>Current Opinion in Neurology</i> , 2010, 23, 374-381.	1.8	38
625	Analysis of connectivity in the resting state of the default mode of brain function: a major role for the cerebellum?. <i>International Journal of Modelling, Identification and Control</i> , 2010, 9, 236.	0.2	1
626	Real-time fMRI feedback training may improve chronic tinnitus. <i>European Radiology</i> , 2010, 20, 696-703.	2.3	159
627	Disease and the brain's dark energy. <i>Nature Reviews Neurology</i> , 2010, 6, 15-28.	4.9	803
630	Functional connectivity of the human rostral and caudal cingulate motor areas in the brain resting state at 3T. <i>Neuroradiology</i> , 2010, 52, 47-59.	1.1	43
631	Relationship between neural and hemodynamic signals during spontaneous activity studied with temporal kernel CCA. <i>Magnetic Resonance Imaging</i> , 2010, 28, 1095-1103.	1.0	72
632	A new approach to estimating the signal dimension of concatenated resting-state functional MRI data sets. <i>Magnetic Resonance Imaging</i> , 2010, 28, 1344-1352.	1.0	5
633	Functional connectivity in the rat brain: a complex network approach. <i>Magnetic Resonance Imaging</i> , 2010, 28, 1200-1209.	1.0	30
634	Evaluating the effective connectivity of resting state networks using conditional Granger causality. <i>Biological Cybernetics</i> , 2010, 102, 57-69.	0.6	198
635	Evaluation of data-driven network analysis approaches for functional connectivity MRI. <i>Brain Structure and Function</i> , 2010, 215, 129-140.	1.2	9
636	A method for evaluating dynamic functional network connectivity and task-modulation: application to schizophrenia. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2010, 23, 351-366.	1.1	544
637	Graph theoretical analysis of structural and functional connectivity MRI in normal and pathological brain networks. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2010, 23, 409-421.	1.1	245
638	Group ICA of resting-state data: a comparison. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2010, 23, 317-325.	1.1	41
639	Comparison of functional connectivity in default mode and sensorimotor networks at 3 and 7T. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2010, 23, 339-349.	1.1	47

#	ARTICLE	IF	CITATIONS
640	Resting developments: a review of fMRI post-processing methodologies for spontaneous brain activity. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2010, 23, 289-307.	1.1	209
641	A historical perspective on the evolution of resting-state functional connectivity with MRI. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2010, 23, 279-288.	1.1	29
642	In vivo MR imaging of brain networks: illusion or revolution?. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2010, 23, 275-277.	1.1	3
643	Functional Imaging of the Deep Cerebellar Nuclei: A Review. <i>Cerebellum</i> , 2010, 9, 22-28.	1.4	102
644	In Vivo Structural and Functional Imaging of the Human Rubral and Inferior Olivary Nuclei: A Mini-review. <i>Cerebellum</i> , 2010, 9, 167-173.	1.4	38
645	Spontaneous brain activity observed with functional magnetic resonance imaging as a potential biomarker in neuropsychiatric disorders. <i>Cognitive Neurodynamics</i> , 2010, 4, 275-294.	2.3	46
646	Functional Alterations in Memory Networks in Early Alzheimer's Disease. <i>NeuroMolecular Medicine</i> , 2010, 12, 27-43.	1.8	497
647	Utility of Functional MRI in Pediatric Neurology. <i>Current Neurology and Neuroscience Reports</i> , 2010, 10, 40-46.	2.0	19
648	Contributions of Studies on Alcohol Use Disorders to Understanding Cerebellar Function. <i>Neuropsychology Review</i> , 2010, 20, 280-289.	2.5	46
649	Development of the Brain's Functional Network Architecture. <i>Neuropsychology Review</i> , 2010, 20, 362-375.	2.5	109
650	Assessing and Compensating for Zero-Lag Correlation Effects in Time-Lagged Granger Causality Analysis of fMRI. <i>IEEE Transactions on Biomedical Engineering</i> , 2010, 57, 1446-1456.	2.5	89
651	Functional connectivity: A source of variance in the association between cardiorespiratory fitness and cognition?. <i>Neuropsychologia</i> , 2010, 48, 1394-1406.	0.7	221
652	Atypical network connectivity for imitation in autism spectrum disorder. <i>Neuropsychologia</i> , 2010, 48, 2931-2939.	0.7	101
653	Bilateral functional asymmetry disparity in positive and negative schizophrenia revealed by resting-state fMRI. <i>Psychiatry Research - Neuroimaging</i> , 2010, 182, 30-39.	0.9	34
654	Decreased regional homogeneity in insula and cerebellum: A resting-state fMRI study in patients with major depression and subjects at high risk for major depression. <i>Psychiatry Research - Neuroimaging</i> , 2010, 182, 211-215.	0.9	215
655	Functional connectivity between ventral prefrontal cortex and amygdala at low frequency in the resting state in bipolar disorder. <i>Psychiatry Research - Neuroimaging</i> , 2010, 182, 207-210.	0.9	161
656	What is the value of human FMRI in CNS drug development?. <i>Drug Discovery Today</i> , 2010, 15, 973-980.	3.2	39
657	Functional connectivity between brain regions involved in learning words of a new language. <i>Brain and Language</i> , 2010, 113, 21-27.	0.8	87

#	ARTICLE	IF	CITATIONS
658	Alterations of resting state functional connectivity in the default network in adolescents with autism spectrum disorders. <i>Brain Research</i> , 2010, 1313, 202-214.	1.1	371
659	Altered local coherence in the default mode network due to sevoflurane anesthesia. <i>Brain Research</i> , 2010, 1318, 110-121.	1.1	84
660	Altered spontaneous low frequency brain activity in Attention Deficit/Hyperactivity Disorder. <i>Brain Research</i> , 2010, 1322, 134-143.	1.1	97
661	Pain assessment by continuous EEG: Association between subjective perception of tonic pain and peak frequency of alpha oscillations during stimulation and at rest. <i>Brain Research</i> , 2010, 1344, 77-86.	1.1	100
662	The effects of acupuncture on the brain networks for emotion and cognition: An observation of gender differences. <i>Brain Research</i> , 2010, 1362, 56-67.	1.1	38
663	Increased neural resources recruitment in the intrinsic organization in major depression. <i>Journal of Affective Disorders</i> , 2010, 121, 220-230.	2.0	197
664	fMRI study of mesial temporal lobe epilepsy using amplitude of low-frequency fluctuation analysis. <i>Human Brain Mapping</i> , 2010, 31, 1851-1861.	1.9	178
665	Overall brain connectivity maps show cortico-subcortical abnormalities in schizophrenia. <i>Human Brain Mapping</i> , 2010, 31, 2003-2014.	1.9	122
666	The "Task B problem" and other considerations in developmental functional neuroimaging. <i>Human Brain Mapping</i> , 2010, 31, 852-862.	1.9	133
667	Intrinsic interhemispheric hippocampal functional connectivity predicts individual differences in memory performance ability. <i>Hippocampus</i> , 2010, 20, 345-351.	0.9	81
668	Common data elements in radiologic imaging of traumatic brain injury. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 32, 516-543.	1.9	139
669	Functional connectivity in blood oxygenation level-dependent and cerebral blood volume-weighted resting state functional magnetic resonance imaging in the rat brain. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 32, 584-592.	1.9	52
670	Hyperactive putamen in patients with paroxysmal kinesigenic choreoathetosis: A resting state functional magnetic resonance imaging study. <i>Movement Disorders</i> , 2010, 25, 1226-1231.	2.2	34
671	Analysis of functional networks involved in motor execution and motor imagery using combined hierarchical clustering analysis and independent component analysis. <i>Magnetic Resonance Imaging</i> , 2010, 28, 653-660.	1.0	9
672	Revealing neuronal functional organization through the relation between multi-scale oscillatory extracellular signals. <i>Journal of Neuroscience Methods</i> , 2010, 186, 116-129.	1.3	54
673	Use of fNIRS to assess resting state functional connectivity. <i>Journal of Neuroscience Methods</i> , 2010, 186, 242-249.	1.3	235
674	Characterization of trial-to-trial fluctuations in local field potentials recorded in cerebral cortex of awake behaving macaque. <i>Journal of Neuroscience Methods</i> , 2010, 186, 250-261.	1.3	8
675	Correction of low-frequency physiological noise from the resting state BOLD fMRI: Effect on ICA default mode analysis at 1.5 T. <i>Journal of Neuroscience Methods</i> , 2010, 186, 179-185.	1.3	29

#	ARTICLE	IF	CITATIONS
676	Adaptive cyclic physiologic noise modeling and correction in functional MRI. <i>Journal of Neuroscience Methods</i> , 2010, 187, 216-228.	1.3	62
677	Mapping resting-state brain networks in conscious animals. <i>Journal of Neuroscience Methods</i> , 2010, 189, 186-196.	1.3	119
678	The non-separability of physiologic noise in functional connectivity MRI with spatial ICA at 3 T. <i>Journal of Neuroscience Methods</i> , 2010, 191, 263-276.	1.3	29
679	Fully exploratory network ICA (FENICA) on resting-state fMRI data. <i>Journal of Neuroscience Methods</i> , 2010, 192, 207-213.	1.3	65
680	Comparison of $\bar{1}\pm$ -chloralose, medetomidine and isoflurane anesthesia for functional connectivity mapping in the rat. <i>Magnetic Resonance Imaging</i> , 2010, 28, 995-1003.	1.0	156
681	Functional epileptic network in left mesial temporal lobe epilepsy detected using resting fMRI. <i>Epilepsy Research</i> , 2010, 88, 168-178.	0.8	54
682	Vector autoregressive models with measurement errors for testing Granger causality. <i>Statistical Methodology</i> , 2010, 7, 478-497.	0.5	7
683	On consciousness, resting state fMRI, and neurodynamics. <i>Nonlinear Biomedical Physics</i> , 2010, 4, S9.	1.5	17
684	Correspondence between Altered Functional and Structural Connectivity in the Contralateral Sensorimotor Cortex after Unilateral Stroke in Rats: A Combined Resting-State Functional MRI and Manganese-Enhanced MRI Study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2010, 30, 1707-1711.	2.4	88
685	Structural and functional magnetic resonance imaging correlates of motor network dysfunction in primary progressive multiple sclerosis. <i>European Journal of Neuroscience</i> , 2010, 31, 1273-1280.	1.2	38
686	Adult Language Learning After Minimal Exposure to an Unknown Natural Language. <i>Language Learning</i> , 2010, 60, 5-24.	1.4	53
687	A Note on Measures of Single Timeseries Activity in Resting-State fMRI Studies. <i>Nature Precedings</i> , 2010, , .	0.1	0
688	Modeling Resting-State Brain Functional Integration. <i>Nature Precedings</i> , 2010, , .	0.1	1
689	From Blood Oxygenation Level Dependent (BOLD) signals to brain temperature maps. <i>Nature Precedings</i> , 2010, , .	0.1	0
690	Functional and structural MR imaging of brain reorganization after stroke. , 2010, , 57-66.		1
693	Neural networks and neuro-oncology: the complex interplay between brain tumour, epilepsy and cognition. , 0, , 149-184.		1
694	Functional imaging of major depression. , 0, , 151-169.		0
695	Identifying Phronotypes in Psychiatry. <i>Frontiers in Psychiatry</i> , 2010, 1, 141.	1.3	4

#	ARTICLE	IF	CITATIONS
696	Whole brain resting-state analysis reveals decreased functional connectivity in major depression. <i>Frontiers in Systems Neuroscience</i> , 2010, 4, .	1.2	414
697	Linear superposition of sensory-evoked and ongoing cortical hemodynamics. <i>Frontiers in Neuroenergetics</i> , 2010, 2, .	5.3	18
698	Face-Specific Resting Functional Connectivity between the Fusiform Gyrus and Posterior Superior Temporal Sulcus. <i>Frontiers in Human Neuroscience</i> , 2010, 4, 176.	1.0	66
699	“Stay Tuned” Inter-Individual Neural Synchronization During Mutual Gaze and Joint Attention. <i>Frontiers in Integrative Neuroscience</i> , 2010, 4, 127.	1.0	196
700	Maturing thalamocortical functional connectivity across development. <i>Frontiers in Systems Neuroscience</i> , 2010, 4, 10.	1.2	134
701	Functional implications of age differences in motor system connectivity. <i>Frontiers in Systems Neuroscience</i> , 2010, 4, 17.	1.2	123
702	Resting-state functional connectivity differences in premature children. <i>Frontiers in Systems Neuroscience</i> , 2010, 4, .	1.2	75
703	Using coherence to measure regional homogeneity of resting-state fMRI signal. <i>Frontiers in Systems Neuroscience</i> , 2010, 4, 24.	1.2	83
704	Distinct Superficial and deep laminar domains of activity in the visual cortex during rest and stimulation. <i>Frontiers in Systems Neuroscience</i> , 2010, 4, .	1.2	191
705	Age-related differences in functional nodes of the brain cortex - a high model order group ICA study. <i>Frontiers in Systems Neuroscience</i> , 2010, 4, .	1.2	32
706	Adolescent resting state networks and their associations to schizotypal trait expression. <i>Frontiers in Systems Neuroscience</i> , 2010, 4, .	1.2	36
707	Introduction to special topic “ Resting-state brain activity: implications for systems neuroscience. <i>Frontiers in Systems Neuroscience</i> , 2010, 4, .	1.2	13
708	Is Social Phobia a “Mis-Communication” Disorder? Brain Functional Connectivity during Face Perception Differs between Patients with Social Phobia and Healthy Control Subjects. <i>Frontiers in Systems Neuroscience</i> , 2010, 4, 152.	1.2	31
709	Reduced Interhemispheric Functional Connectivity in the Motor Cortex during Rest in Limb-Onset Amyotrophic Lateral Sclerosis. <i>Frontiers in Systems Neuroscience</i> , 2010, 4, 158.	1.2	74
710	Effects of Visual Experience on the Human MT+ Functional Connectivity Networks: An fMRI Study of Motion Perception in Sighted and Congenitally Blind Individuals. <i>Frontiers in Systems Neuroscience</i> , 2010, 4, 159.	1.2	43
711	Dissociated Emergent-Response System and Fine-Processing System in Human Neural Network and a Heuristic Neural Architecture for Autonomous Humanoid Robots. <i>Computational Intelligence and Neuroscience</i> , 2010, 2010, 1-8.	1.1	0
712	Functional Connectivity of the Posteromedial Cortex. <i>PLoS ONE</i> , 2010, 5, e13107.	1.1	115
713	Motor Network Degeneration in Amyotrophic Lateral Sclerosis: A Structural and Functional Connectivity Study. <i>PLoS ONE</i> , 2010, 5, e13664.	1.1	153

#	ARTICLE	IF	CITATIONS
714	Multiplexed Echo Planar Imaging for Sub-Second Whole Brain fMRI and Fast Diffusion Imaging. PLoS ONE, 2010, 5, e15710.	1.1	1,164
715	Brain mapping of attention and neglect after stroke. , 0, , 133-144.		1
716	Differential roles for frontal eye fields (FEFs) and intraparietal sulcus (IPS) in visual working memory and visual attention. Journal of Vision, 2010, 10, 28-28.	0.1	31
717	Memory formation during general anesthesia. , 0, , 47-73.		11
718	Clinical applications of resting state functional connectivity. Frontiers in Systems Neuroscience, 2010, 4, 19.	1.2	911
719	Topographical Functional Connectivity Pattern in the Perisylvian Language Networks. Cerebral Cortex, 2010, 20, 549-560.	1.6	176
720	Default-mode network dysfunction and cognitive impairment in progressive MS. Neurology, 2010, 74, 1252-1259.	1.5	292
721	Amygdalofrontal Functional Disconnectivity and Aggression in Schizophrenia. Schizophrenia Bulletin, 2010, 36, 1020-1028.	2.3	136
722	Setting the Frame: The Human Brain Activates a Basic Low-Frequency Network for Language Processing. Cerebral Cortex, 2010, 20, 1286-1292.	1.6	70
723	Neural Predictors of Within-Subject Fluctuations in Attentional Control. Journal of Neuroscience, 2010, 30, 11458-11465.	1.7	89
724	Cortical and Subcortical Connectivity Changes during Decreasing Levels of Consciousness in Humans: A Functional Magnetic Resonance Imaging Study using Propofol. Journal of Neuroscience, 2010, 30, 9095-9102.	1.7	199
725	Detecting resting-state functional connectivity in the language system using functional near-infrared spectroscopy. Journal of Biomedical Optics, 2010, 15, 047003.	1.4	66
726	Functional connectivity density mapping. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 9885-9890.	3.3	546
727	Distinct and Overlapping Functional Zones in the Cerebellum Defined by Resting State Functional Connectivity. Cerebral Cortex, 2010, 20, 953-965.	1.6	647
728	Dissociable Connectivity within Human Angular Gyrus and Intraparietal Sulcus: Evidence from Functional and Structural Connectivity. Cerebral Cortex, 2010, 20, 2636-2646.	1.6	409
729	Reading Networks at Rest. Cerebral Cortex, 2010, 20, 2549-2559.	1.6	126
730	Functional Brain Imaging in Schizophrenia: Selected Results and Methods. Current Topics in Behavioral Neurosciences, 2010, 4, 181-214.	0.8	58
731	Advances and pitfalls in the analysis and interpretation of resting-state fMRI data. Frontiers in Systems Neuroscience, 2010, 4, 8.	1.2	746

#	ARTICLE	IF	CITATIONS
732	A genetically modulated, intrinsic cingulate circuit supports human nicotine addiction. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 13509-13514.	3.3	154
733	Central nervous system dysregulation extends beyond the pain-matrix network in cluster headache. Cephalalgia, 2010, 30, 1383-1391.	1.8	55
734	Correlated Low-Frequency BOLD Fluctuations in the Resting Human Brain Are Modulated by Recent Experience in Category-Preferential Visual Regions. Cerebral Cortex, 2010, 20, 1997-2006.	1.6	167
735	Spatiotemporal network alterations in experimental focal cortical epilepsy: MRI-based longitudinal functional connectivity and weighted graph analysis. , 2010, , .		1
736	Changes of functional connectivity and amplitude of fluctuations in Resting State fMRI data of Parkinson Disease. , 2010, , .		1
737	Functional Networks in the Anesthetized Rat Brain Revealed by Independent Component Analysis of Resting-State fMRI. Journal of Neurophysiology, 2010, 103, 3398-3406.	0.9	143
739	Intrinsic Functional Connectivity As a Tool For Human Connectomics: Theory, Properties, and Optimization. Journal of Neurophysiology, 2010, 103, 297-321.	0.9	1,667
740	Human functional connectivity: New tools, unresolved questions. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 10769-10770.	3.3	73
741	Neuronal correlate of BOLD signal fluctuations at rest: Err on the side of the baseline. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 10773-10774.	3.3	37
742	Emergence of resting state networks in the preterm human brain. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 20015-20020.	3.3	461
743	Temporal dynamics of spontaneous MEG activity in brain networks. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 6040-6045.	3.3	664
744	Altered resting state attentional networks in diabetic neuropathic pain. Journal of Neurology, Neurosurgery and Psychiatry, 2010, 81, 806-811.	0.9	116
745	Ultrafast method for mapping local functional connectivity hubs in the human brain. , 2010, 2010, 4274-7.		14
746	Brain decoding of fMRI connectivity graphs using decision tree ensembles. , 2010, , .		4
747	Differential Involvement of Excitatory and Inhibitory Neurons of Cat Motor Cortex in Coincident Spike Activity Related to Behavioral Context. Journal of Neuroscience, 2010, 30, 8048-8056.	1.7	13
748	Resting state networks change in clinically isolated syndrome. Brain, 2010, 133, 1612-1621.	3.7	215
749	Recovery of Sensorimotor Function after Experimental Stroke Correlates with Restoration of Resting-State Interhemispheric Functional Connectivity. Journal of Neuroscience, 2010, 30, 3964-3972.	1.7	304
750	Double dissociation of two cognitive control networks in patients with focal brain lesions. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 12017-12022.	3.3	169

#	ARTICLE	IF	CITATIONS
751	Network-level structural covariance in the developing brain. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 18191-18196.	3.3	362
752	Genetic control over the resting brain. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 1223-1228.	3.3	436
753	White matter maturation reshapes structural connectivity in the late developing human brain. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 19067-19072.	3.3	597
754	Persistent schema-dependent hippocampal-neocortical connectivity during memory encoding and postencoding rest in humans. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 7550-7555.	3.3	383
755	Functional Brain Imaging in the Clinical Assessment of Consciousness. PLoS Biology, 2010, 8, e1000548.	2.6	7
756	Hybrid ICA-Seed-Based Methods for fMRI Functional Connectivity Assessment: A Feasibility Study. International Journal of Biomedical Imaging, 2010, 2010, 1-24.	3.0	24
757	Windows on the Human Body – in Vivo High-Field Magnetic Resonance Research and Applications in Medicine and Psychology. Sensors, 2010, 10, 5724-5757.	2.1	12
758	The Organization of Local and Distant Functional Connectivity in the Human Brain. PLoS Computational Biology, 2010, 6, e1000808.	1.5	362
759	Task-Dependent Individual Differences in Prefrontal Connectivity. Cerebral Cortex, 2010, 20, 2188-2197.	1.6	41
760	Topographic maps of multisensory attention. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 20110-20114.	3.3	72
761	Reduced functional connectivity in a right-hemisphere network for volitional ocular motor control in schizophrenia. Brain, 2010, 133, 625-637.	3.7	37
762	Noninvasive Functional and Structural Connectivity Mapping of the Human Thalamocortical System. Cerebral Cortex, 2010, 20, 1187-1194.	1.6	327
763	Electro-acupuncture at different acupoints modulating the relative specific brain functional network. Proceedings of SPIE, 2010, , .	0.8	0
764	Resting Brain Connectivity: Changes during the Progress of Alzheimer Disease. Radiology, 2010, 256, 598-606.	3.6	274
765	Functional Connectivity in Late-Life Depression Using Resting-State Functional Magnetic Resonance Imaging. American Journal of Geriatric Psychiatry, 2010, 18, 643-651.	0.6	71
766	Fiber-Centered Analysis of Brain Connectivities Using DTI and Resting State FMRI Data. Lecture Notes in Computer Science, 2010, 13, 143-150.	1.0	12
767	Glutamatergic and resting state functional connectivity correlates of severity in major depression - the role of pregenual anterior cingulate cortex and anterior insula. Frontiers in Systems Neuroscience, 2010, 4, .	1.2	150
768	Topographic Electrophysiological Signatures of fMRI Resting State Networks. PLoS ONE, 2010, 5, e12945.	1.1	146

#	ARTICLE	IF	CITATIONS
769	Toward discovery science of human brain function. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 4734-4739.	3.3	2,703
770	Altered Resting State Cortico-Striatal Connectivity in Mild to Moderate Stage Parkinson's Disease. Frontiers in Systems Neuroscience, 2010, 4, 143.	1.2	173
771	Brain Connectivity Is Not Only Lower but Different in Schizophrenia: A Combined Anatomical and Functional Approach. Biological Psychiatry, 2010, 68, 61-69.	0.7	424
772	Atypical Default Network Connectivity in Youth with Attention-Deficit/Hyperactivity Disorder. Biological Psychiatry, 2010, 68, 1084-1091.	0.7	315
773	Amplitude of low-frequency oscillations in schizophrenia: A resting state fMRI study. Schizophrenia Research, 2010, 117, 13-20.	1.1	425
774	Resting-state functional network correlates of psychotic symptoms in schizophrenia. Schizophrenia Research, 2010, 117, 21-30.	1.1	313
775	Large-scale spontaneous fluctuations and correlations in brain electrical activity observed with magnetoencephalography. NeuroImage, 2010, 51, 102-111.	2.1	142
776	Spontaneous brain activity and EEG microstates. A novel EEG/fMRI analysis approach to explore resting-state networks. NeuroImage, 2010, 52, 1149-1161.	2.1	326
777	A group model for stable multi-subject ICA on fMRI datasets. NeuroImage, 2010, 51, 288-299.	2.1	135
778	Intrinsic connectivity between the hippocampus and posteromedial cortex predicts memory performance in cognitively intact older individuals. NeuroImage, 2010, 51, 910-917.	2.1	237
779	BOLD correlates of EEG topography reveal rapid resting-state network dynamics. NeuroImage, 2010, 52, 1162-1170.	2.1	705
780	Microstructural correlations of white matter tracts in the human brain. NeuroImage, 2010, 51, 531-541.	2.1	102
781	Multi-level bootstrap analysis of stable clusters in resting-state fMRI. NeuroImage, 2010, 51, 1126-1139.	2.1	307
782	Subcortical functional connectivity and verbal episodic memory in healthy elderly—A resting state fMRI study. NeuroImage, 2010, 52, 379-388.	2.1	121
783	Development of functional and structural connectivity within the default mode network in young children. NeuroImage, 2010, 52, 290-301.	2.1	455
784	Reduced cognitive control of response inhibition by the anterior cingulate cortex in autism spectrum disorders. NeuroImage, 2010, 52, 336-347.	2.1	178
785	Mapping sources of correlation in resting state FMRI, with artifact detection and removal. NeuroImage, 2010, 52, 571-582.	2.1	481
786	Analyzing the connectivity between regions of interest: An approach based on cluster Granger causality for fMRI data analysis. NeuroImage, 2010, 52, 1444-1455.	2.1	49

#	ARTICLE	IF	CITATIONS
787	Detecting network modules in fMRI time series: A weighted network analysis approach. <i>NeuroImage</i> , 2010, 52, 1465-1476.	2.1	80
788	Slow EEG pattern predicts reduced intrinsic functional connectivity in the default mode network: An inter-subject analysis. <i>NeuroImage</i> , 2010, 53, 239-246.	2.1	102
789	Default network activity, coupled with the frontoparietal control network, supports goal-directed cognition. <i>NeuroImage</i> , 2010, 53, 303-317.	2.1	991
790	Time lag dependent multimodal processing of concurrent fMRI and near-infrared spectroscopy (NIRS) data suggests a global circulatory origin for low-frequency oscillation signals in human brain. <i>NeuroImage</i> , 2010, 53, 553-564.	2.1	172
791	Alcohol increases spontaneous BOLD signal fluctuations in the visual network. <i>NeuroImage</i> , 2010, 53, 534-543.	2.1	59
792	Mesocorticolimbic circuits are impaired in chronic cocaine users as demonstrated by resting-state functional connectivity. <i>NeuroImage</i> , 2010, 53, 593-601.	2.1	280
793	Normal Development of Brain Circuits. <i>Neuropsychopharmacology</i> , 2010, 35, 147-168.	2.8	1,033
794	Brain Activity to Rely On?. <i>Science</i> , 2010, 327, 43-44.	6.0	6
795	A NOVEL APPROACH TO ACTIVATION DETECTION IN fMRI BASED ON EMPIRICAL MODE DECOMPOSITION. <i>Journal of Integrative Neuroscience</i> , 2010, 09, 407-427.	0.8	6
796	Prediction of Individual Brain Maturity Using fMRI. <i>Science</i> , 2010, 329, 1358-1361.	6.0	1,884
797	Neural basis of global resting-state fMRI activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 10238-10243.	3.3	860
798	Spatial Remapping of Cortico-striatal Connectivity in Parkinson's Disease. <i>Cerebral Cortex</i> , 2010, 20, 1175-1186.	1.6	375
799	Resting state functional connectivity of the whole head with near-infrared spectroscopy. <i>Biomedical Optics Express</i> , 2010, 1, 324.	1.5	150
800	Impairments in cognition and resting-state connectivity of the hippocampus in elderly subjects with type 2 diabetes. <i>Neuroscience Letters</i> , 2010, 473, 5-10.	1.0	123
801	Investigation of acupoint specificity by functional connectivity analysis based on graph theory. <i>Neuroscience Letters</i> , 2010, 482, 95-100.	1.0	43
802	Intrinsic functional connectivity of the periaqueductal gray, a resting fMRI study. <i>Behavioural Brain Research</i> , 2010, 211, 215-219.	1.2	169
803	Age-related alterations in default mode network: Impact on working memory performance. <i>Neurobiology of Aging</i> , 2010, 31, 839-852.	1.5	444
804	A Parcellation Scheme for Human Left Lateral Parietal Cortex. <i>Neuron</i> , 2010, 67, 156-170.	3.8	327

#	ARTICLE	IF	CITATIONS
805	The Development of Human Functional Brain Networks. <i>Neuron</i> , 2010, 67, 735-748.	3.8	668
806	Reliability of cortical activity during natural stimulation. <i>Trends in Cognitive Sciences</i> , 2010, 14, 40-48.	4.0	511
807	Two views of brain function. <i>Trends in Cognitive Sciences</i> , 2010, 14, 180-190.	4.0	916
808	The Role of the Hippocampus in Prediction and Imagination. <i>Annual Review of Psychology</i> , 2010, 61, 27-48.	9.9	330
809	Exploring the brain network: A review on resting-state fMRI functional connectivity. <i>European Neuropsychopharmacology</i> , 2010, 20, 519-534.	0.3	2,656
810	Timeâ€‘frequency dynamics of resting-state brain connectivity measured with fMRI. <i>NeuroImage</i> , 2010, 50, 81-98.	2.1	1,645
811	Functional connectivity and alterations in baseline brain state in humans. <i>NeuroImage</i> , 2010, 49, 823-834.	2.1	198
812	Sources of group differences in functional connectivity: An investigation applied to autism spectrum disorder. <i>NeuroImage</i> , 2010, 49, 401-414.	2.1	171
813	Dynamics of motor-related functional integration during motor sequence learning. <i>NeuroImage</i> , 2010, 49, 759-766.	2.1	117
814	A neural measure of behavioral engagement: Task-residual low-frequency blood oxygenation level-dependent activity in the precuneus. <i>NeuroImage</i> , 2010, 49, 1911-1918.	2.1	65
815	The oscillating brain: Complex and reliable. <i>NeuroImage</i> , 2010, 49, 1432-1445.	2.1	1,239
816	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, 2467-2478.	2.1	116
817	A comparison of fMRI adaptation and multivariate pattern classification analysis in visual cortex. <i>NeuroImage</i> , 2010, 49, 1632-1640.	2.1	61
818	Defining functional SMA and pre-SMA subregions in human MFC using resting state fMRI: Functional connectivity-based parcellation method. <i>NeuroImage</i> , 2010, 49, 2375-2386.	2.1	252
819	Reliable intrinsic connectivity networks: Testâ€‘retest evaluation using ICA and dual regression approach. <i>NeuroImage</i> , 2010, 49, 2163-2177.	2.1	693
820	Localization of cerebral functional deficits in treatment-naive, first-episode schizophrenia using resting-state fMRI. <i>NeuroImage</i> , 2010, 49, 2901-2906.	2.1	140
821	Impairment and compensation coexist in amnesic MCI default mode network. <i>NeuroImage</i> , 2010, 50, 48-55.	2.1	296
822	Computational and dynamic models in neuroimaging. <i>NeuroImage</i> , 2010, 52, 752-765.	2.1	117

#	ARTICLE	IF	CITATIONS
823	Graph-theory based parcellation of functional subunits in the brain from resting-state fMRI data. <i>NeuroImage</i> , 2010, 50, 1027-1035.	2.1	184
824	Attractors and noise: Twin drivers of decisions and multistability. <i>NeuroImage</i> , 2010, 52, 740-751.	2.1	107
825	Inter-individual differences in resting-state functional connectivity predict task-induced BOLD activity. <i>NeuroImage</i> , 2010, 50, 1690-1701.	2.1	331
826	Longitudinal Analysis of Neural Network Development in Preterm Infants. <i>Cerebral Cortex</i> , 2010, 20, 2852-2862.	1.6	677
827	Functional Connectivity of the Macaque Posterior Parahippocampal Cortex. <i>Journal of Neurophysiology</i> , 2010, 103, 793-800.	0.9	40
828	Synchronous Activity in Basal Ganglia Circuits. <i>Handbook of Behavioral Neuroscience</i> , 2010, , 429-443.	0.7	6
829	Brain Development and CNS Plasticity. , 2010, , 319-338.		1
830	Imaging the Functional Connectivity of the Periaqueductal Gray during Genuine and Sham Electroacupuncture Treatment. <i>Molecular Pain</i> , 2010, 6, 1744-8069-6-80.	1.0	75
831	Reduced functional connectivity between mediodorsal thalamic nucleus and anterior cingulate cortex in absence epilepsy. , 2010, , .		0
832	Changes of localized spontaneous activity and connectivity in resting state fMRI data of Parkinson disease. , 2010, , .		0
833	Growing Together and Growing Apart: Regional and Sex Differences in the Lifespan Developmental Trajectories of Functional Homotopy. <i>Journal of Neuroscience</i> , 2010, 30, 15034-15043.	1.7	619
834	Conditional integration as a way of measuring mediated interactions between large-scale brain networks in functional MRI. , 2010, , .		1
835	Spectral clustering of resting state fMRI reveals default mode network with specifically reduced network homogeneity in major depression. , 2010, , .		2
836	Real time BOLD functional MRI neuro-feedback affects functional connectivity. , 2010, 2010, 4270-3.		10
837	Development of Global Cortical Networks in Early Infancy. <i>Journal of Neuroscience</i> , 2010, 30, 4877-4882.	1.7	181
838	Investigating the electrophysiological basis of resting state networks using magnetoencephalography. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 16783-16788.	3.3	847
839	The Restless Brain. <i>Brain Connectivity</i> , 2011, 1, 3-12.	0.8	563
840	The organization of the human cerebellum estimated by intrinsic functional connectivity. <i>Journal of Neurophysiology</i> , 2011, 106, 2322-2345.	0.9	3,788

#	ARTICLE	IF	CITATIONS
841	Measuring the Consistency of Global Functional Connectivity Using Kernel Regression Methods. , 2011, , .		6
842	Three Systems of Insular Functional Connectivity Identified with Cluster Analysis. Cerebral Cortex, 2011, 21, 1498-1506.	1.6	620
843	Amygdala Functional Connectivity in Young Women with Borderline Personality Disorder. Brain Connectivity, 2011, 1, 61-71.	0.8	75
844	Resting-State Functional Connectivity Indexes Reading Competence in Children and Adults. Journal of Neuroscience, 2011, 31, 8617-8624.	1.7	234
845	Analysis of Multimodal Neuroimaging Data. IEEE Reviews in Biomedical Engineering, 2011, 4, 26-58.	13.1	122
846	Research on the Construction and Functional Connection of Resting-State Brain Networks in Patients with Schizophrenia. , 2011, , .		0
847	The organization of the human cerebral cortex estimated by intrinsic functional connectivity. Journal of Neurophysiology, 2011, 106, 1125-1165.	0.9	6,420
849	Association between Functional Connectivity Hubs and Brain Networks. Cerebral Cortex, 2011, 21, 2003-2013.	1.6	375
850	Brain causality investigation based on fMRI images time series using dynamic causal modelling augmented by Granger Causality. , 2011, , .		0
851	Behavioral Interpretations of Intrinsic Connectivity Networks. Journal of Cognitive Neuroscience, 2011, 23, 4022-4037.	1.1	959
852	Intrinsic functional architecture predicts electrically evoked responses in the human brain. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 10308-10313.	3.3	161
853	Co-activation patterns distinguish cortical modules, their connectivity and functional differentiation. NeuroImage, 2011, 57, 938-949.	2.1	449
854	The Functional Architecture of the Infant Brain as Revealed by Resting-State fMRI. Cerebral Cortex, 2011, 21, 145-154.	1.6	447
855	Magnetic resonance imaging postprocessing techniques in the study of brain connectivity. Radiologia, 2011, 53, 236-245.	0.3	6
856	Elevated Functional Connectivity Along a Corticostriatal Loop and the Mechanism of Auditory/Verbal Hallucinations in Patients with Schizophrenia. Biological Psychiatry, 2011, 69, 407-414.	0.7	145
857	Functional Differentiation of Posterior Superior Temporal Sulcus in Autism: A Functional Connectivity Magnetic Resonance Imaging Study. Biological Psychiatry, 2011, 70, 270-277.	0.7	101
858	Clinical Symptoms and Alpha Band Resting-State Functional Connectivity Imaging in Patients With Schizophrenia: Implications for Novel Approaches to Treatment. Biological Psychiatry, 2011, 70, 1134-1142.	0.7	134
859	Empirical Evaluations of Slice-Timing, Smoothing, and Normalization Effects in Seed-Based, Resting-State Functional Magnetic Resonance Imaging Analyses. Brain Connectivity, 2011, 1, 401-410.	0.8	73

#	ARTICLE	IF	CITATIONS
860	Identification of Neural Targets for the Treatment of Psychiatric Disorders: The Role of Functional Neuroimaging. <i>Neurosurgery Clinics of North America</i> , 2011, 22, 279-305.	0.8	7
861	The Neural Architecture of the Language Comprehension Network: Converging Evidence from Lesion and Connectivity Analyses. <i>Frontiers in Systems Neuroscience</i> , 2011, 5, 1.	1.2	749
862	Slow brain oscillations of sleep, resting state, and vigilance. <i>Progress in Brain Research</i> , 2011, 193, 3-15.	0.9	44
863	Roles of multiscale brain activity fluctuations in shaping the variability and dynamics of psychophysical performance. <i>Progress in Brain Research</i> , 2011, 193, 335-350.	0.9	55
864	Decreased Interhemispheric Functional Connectivity in Autism. <i>Cerebral Cortex</i> , 2011, 21, 1134-1146.	1.6	376
865	Frequency-specific functional connectivity in the brain during resting state revealed by NIRS. <i>NeuroImage</i> , 2011, 56, 252-257.	2.1	176
866	Alteration of brain functional network at rest and in response to YMCA physical stress test in concussed athletes: RsfMRI study. <i>NeuroImage</i> , 2011, 55, 1716-1727.	2.1	153
867	A wavelet-based method for measuring the oscillatory dynamics of resting-state functional connectivity in MEG. <i>NeuroImage</i> , 2011, 56, 69-77.	2.1	63
868	Extracting information from functional connectivity maps via function-on-scalar regression. <i>NeuroImage</i> , 2011, 56, 140-148.	2.1	5
869	Generalised filtering and stochastic DCM for fMRI. <i>NeuroImage</i> , 2011, 58, 442-457.	2.1	177
870	Regions of interest for resting-state fMRI analysis determined by inter-voxel cross-correlation. <i>NeuroImage</i> , 2011, 56, 246-251.	2.1	20
871	Measuring functional connectivity using MEG: Methodology and comparison with fcMRI. <i>NeuroImage</i> , 2011, 56, 1082-1104.	2.1	452
872	Resting-state networks in the macaque at 7T. <i>NeuroImage</i> , 2011, 56, 1546-1555.	2.1	131
873	Reduced resting-state functional connectivity between amygdala and orbitofrontal cortex in social anxiety disorder. <i>NeuroImage</i> , 2011, 56, 881-889.	2.1	353
874	Functional connectivity MRI in infants: Exploration of the functional organization of the developing brain. <i>NeuroImage</i> , 2011, 56, 1437-1452.	2.1	204
875	Topographically specific functional connectivity between visual field maps in the human brain. <i>NeuroImage</i> , 2011, 56, 1426-1436.	2.1	85
876	White matter cerebral blood flow is inversely correlated with structural and functional connectivity in the human brain. <i>NeuroImage</i> , 2011, 56, 1145-1153.	2.1	35
877	Dynamic modeling of neuronal responses in fMRI using cubature Kalman filtering. <i>NeuroImage</i> , 2011, 56, 2109-2128.	2.1	170

#	ARTICLE	IF	CITATIONS
878	Large-scale directional connections among multi resting-state neural networks in human brain: A functional MRI and Bayesian network modeling study. <i>NeuroImage</i> , 2011, 56, 1035-1042.	2.1	49
879	Characterizing dynamic functional connectivity in the resting brain using variable parameter regression and Kalman filtering approaches. <i>NeuroImage</i> , 2011, 56, 1222-1234.	2.1	105
880	Impaired attention and network connectivity in childhood absence epilepsy. <i>NeuroImage</i> , 2011, 56, 2209-2217.	2.1	153
881	Amplitude low-frequency oscillation abnormalities in the heroin users: A resting state fMRI study. <i>NeuroImage</i> , 2011, 57, 149-154.	2.1	75
882	Role of local network oscillations in resting-state functional connectivity. <i>NeuroImage</i> , 2011, 57, 130-139.	2.1	467
883	Repeated pain induces adaptations of intrinsic brain activity to reflect past and predict future pain. <i>NeuroImage</i> , 2011, 57, 206-213.	2.1	51
884	Long-term effects of motor training on resting-state networks and underlying brain structure. <i>NeuroImage</i> , 2011, 57, 1492-1498.	2.1	247
885	Basal functional connectivity within the anterior temporal network is associated with performance on declarative memory tasks. <i>NeuroImage</i> , 2011, 58, 687-697.	2.1	80
886	Changes occur in resting state network of motor system during 4weeks of motor skill learning. <i>NeuroImage</i> , 2011, 58, 226-233.	2.1	134
887	Coupling between spontaneous (resting state) fMRI fluctuations and human oculo-motor activity. <i>NeuroImage</i> , 2011, 58, 213-225.	2.1	33
888	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.	2.1	138
889	Fractal analysis of spontaneous fluctuations of the BOLD signal in rat brain. <i>NeuroImage</i> , 2011, 58, 1060-1069.	2.1	48
890	Functional resting-state networks are differentially affected in schizophrenia. <i>Schizophrenia Research</i> , 2011, 130, 86-93.	1.1	322
891	Brain plasticity in relapsing/remitting multiple sclerosis: Evidence from resting-state fMRI. <i>Journal of the Neurological Sciences</i> , 2011, 304, 127-131.	0.3	46
892	Baseline and longitudinal patterns of hippocampal connectivity in mild cognitive impairment: Evidence from resting state fMRI. <i>Journal of the Neurological Sciences</i> , 2011, 309, 79-85.	0.3	63
893	Low frequency fluctuations reveal integrated and segregated processing among the cerebral hemispheres. <i>NeuroImage</i> , 2011, 54, 517-527.	2.1	54
894	Decoding brain states from fMRI connectivity graphs. <i>NeuroImage</i> , 2011, 56, 616-626.	2.1	263
895	Striatal functional connectivity networks are modulated by fMRI resting state conditions. <i>NeuroImage</i> , 2011, 54, 380-388.	2.1	25

#	ARTICLE	IF	CITATIONS
896	Robustly measuring vascular reactivity differences with breath-hold: Normalising stimulus-evoked and resting state BOLD fMRI data. <i>NeuroImage</i> , 2011, 54, 369-379.	2.1	120
897	Hemisphere- and gender-related differences in small-world brain networks: A resting-state functional MRI study. <i>NeuroImage</i> , 2011, 54, 191-202.	2.1	332
898	Spatiotemporal dynamics of low frequency BOLD fluctuations in rats and humans. <i>NeuroImage</i> , 2011, 54, 1140-1150.	2.1	280
899	Early time points perfusion imaging. <i>NeuroImage</i> , 2011, 54, 1070-1082.	2.1	7
900	Instantaneous and causal connectivity in resting state brain networks derived from functional MRI data. <i>NeuroImage</i> , 2011, 54, 1043-1052.	2.1	180
901	Baseline BOLD correlation predicts individuals' stimulus-evoked BOLD responses. <i>NeuroImage</i> , 2011, 54, 2278-2286.	2.1	41
902	The left occipitotemporal system in reading: Disruption of focal fMRI connectivity to left inferior frontal and inferior parietal language areas in children with dyslexia. <i>NeuroImage</i> , 2011, 54, 2426-2436.	2.1	221
903	Cognitive state and connectivity effects of the genome-wide significant psychosis variant in ZNF804A. <i>NeuroImage</i> , 2011, 54, 2514-2523.	2.1	108
904	Altered fronto-cerebellar connectivity in alcohol-naïve youth with a family history of alcoholism. <i>NeuroImage</i> , 2011, 54, 2582-2589.	2.1	92
905	Linking inter-individual differences in neural activation and behavior to intrinsic brain dynamics. <i>NeuroImage</i> , 2011, 54, 2950-2959.	2.1	192
906	A weighted-RV method to detect fine-scale functional connectivity during resting state. <i>NeuroImage</i> , 2011, 54, 2885-2898.	2.1	7
907	Small-world directed networks in the human brain: Multivariate Granger causality analysis of resting-state fMRI. <i>NeuroImage</i> , 2011, 54, 2683-2694.	2.1	160
908	Cortico-striatal connectivity and cognition in normal aging: A combined DTI and resting state fMRI study. <i>NeuroImage</i> , 2011, 55, 24-31.	2.1	135
909	Multi-parametric neuroimaging reproducibility: A 3-T resource study. <i>NeuroImage</i> , 2011, 54, 2854-2866.	2.1	318
910	Associations and dissociations between default and self-reference networks in the human brain. <i>NeuroImage</i> , 2011, 55, 225-232.	2.1	349
911	Functional connectivity of the insula in the resting brain. <i>NeuroImage</i> , 2011, 55, 8-23.	2.1	677
912	Frequency-dependent changes in the amplitude of low-frequency fluctuations in amnesic mild cognitive impairment: A resting-state fMRI study. <i>NeuroImage</i> , 2011, 55, 287-295.	2.1	399
913	Using pulse oximetry to account for high and low frequency physiological artifacts in the BOLD signal. <i>NeuroImage</i> , 2011, 55, 1633-1644.	2.1	60

#	ARTICLE	IF	CITATIONS
914	Negative edges and soft thresholding in complex network analysis of resting state functional connectivity data. <i>NeuroImage</i> , 2011, 55, 1132-1146.	2.1	208
915	Uniform approach to linear and nonlinear interrelation patterns in multivariate time series. <i>Physical Review E</i> , 2011, 83, 066215.	0.8	27
916	A Sliding Time-Window ICA Reveals Spatial Variability of the Default Mode Network in Time. <i>Brain Connectivity</i> , 2011, 1, 339-347.	0.8	251
917	Functional and Effective Connectivity: A Review. <i>Brain Connectivity</i> , 2011, 1, 13-36.	0.8	2,633
918	Approaches for the Integrated Analysis of Structure, Function and Connectivity of the Human Brain. <i>Clinical EEG and Neuroscience</i> , 2011, 42, 107-121.	0.9	105
919	Neural Encoding of Objects Relevant for Navigation and Resting State Correlations with Navigational Ability. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 3841-3854.	1.1	59
920	Brain Imaging in Behavioral Medicine and Clinical Neuroscience. , 2011, , .		7
921	The Dynamical Balance of the Brain at Rest. <i>Neuroscientist</i> , 2011, 17, 107-123.	2.6	282
923	Brain-Body-Mind in the Nebulous Cartesian System: A Holistic Approach by Oscillations. , 2011, , .		26
924	Brain Mapping. , 2011, , .		46
925	Advanced MRI in Multiple Sclerosis: Current Status and Future Challenges. <i>Neurologic Clinics</i> , 2011, 29, 357-380.	0.8	31
926	Functional Connectivity of the Amygdala in Early-Childhood-Onset Depression. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2011, 50, 1027-1041.e3.	0.3	105
927	Regional homogeneity changes in patients with neuromyelitis optica revealed by resting-state functional MRI. <i>Clinical Neurophysiology</i> , 2011, 122, 121-127.	0.7	42
928	The association between frontal-striatal connectivity and sensorimotor control in cocaine users. <i>Drug and Alcohol Dependence</i> , 2011, 115, 240-243.	1.6	46
929	Abnormal baseline brain activity in patients with neuromyelitis optica: A resting-state fMRI study. <i>European Journal of Radiology</i> , 2011, 80, 407-411.	1.2	56
930	Identification of hyperactive intrinsic amygdala network connectivity associated with impulsivity in abstinent heroin addicts. <i>Behavioural Brain Research</i> , 2011, 216, 639-646.	1.2	92
931	Abnormal whole-brain functional connection in amnesic mild cognitive impairment patients. <i>Behavioural Brain Research</i> , 2011, 216, 666-672.	1.2	73
932	Neural correlates of the interactive relationship between memory deficits and depressive symptoms in nondemented elderly: Resting fMRI study. <i>Behavioural Brain Research</i> , 2011, 219, 205-212.	1.2	41

#	ARTICLE	IF	CITATIONS
933	Are there internal thought processes in the monkey?â€”Default brain activity in humans and nonhuman primates. <i>Behavioural Brain Research</i> , 2011, 221, 295-303.	1.2	14
934	The structural and functional connectivity of the amygdala: From normal emotion to pathological anxiety. <i>Behavioural Brain Research</i> , 2011, 223, 403-410.	1.2	741
935	Statistical parametric network analysis of functional connectivity dynamics during a working memory task. <i>NeuroImage</i> , 2011, 55, 688-704.	2.1	97
936	Changes in resting connectivity during recovery from severe traumatic brain injury. <i>International Journal of Psychophysiology</i> , 2011, 82, 115-123.	0.5	112
937	Spontaneous BOLD event triggered averages for estimating functional connectivity at resting state. <i>Neuroscience Letters</i> , 2011, 488, 158-163.	1.0	65
938	Neuroimaging biomarkers of epileptogenesis. <i>Neuroscience Letters</i> , 2011, 497, 194-204.	1.0	27
939	Abnormal baseline brain activity in posttraumatic stress disorder: A resting-state functional magnetic resonance imaging study. <i>Neuroscience Letters</i> , 2011, 498, 185-189.	1.0	100
940	Connectivity brain networks based on wavelet correlation analysis in Parkinson fMRI data. <i>Neuroscience Letters</i> , 2011, 499, 47-51.	1.0	136
941	Altered regional homogeneity in motor cortices in patients with multiple system atrophy. <i>Neuroscience Letters</i> , 2011, 502, 18-23.	1.0	50
942	Abnormal spontaneous brain activity in medication-naïve ADHD children: A resting state fMRI study. <i>Neuroscience Letters</i> , 2011, 502, 89-93.	1.0	67
943	Ageing-related changes in the default mode network and its anti-correlated networks: A resting-state fMRI study. <i>Neuroscience Letters</i> , 2011, 504, 62-67.	1.0	113
944	Connectivity pattern changes in default-mode network with deep non-REM and REM sleep. <i>Neuroscience Research</i> , 2011, 69, 322-330.	1.0	105
945	Large-scale brain networks and psychopathology: a unifying triple network model. <i>Trends in Cognitive Sciences</i> , 2011, 15, 483-506.	4.0	2,937
946	Recent developments of functional magnetic resonance imaging research for drug development in Alzheimer's disease. <i>Progress in Neurobiology</i> , 2011, 95, 570-578.	2.8	22
947	Disrupted regional homogeneity in treatment-resistant depression: A resting-state fMRI study. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 1297-1302.	2.5	110
948	Functional Network Organization of the Human Brain. <i>Neuron</i> , 2011, 72, 665-678.	3.8	3,485
949	Magnetic Resonance Imaging and Graph Theoretical Analysis of Complex Brain Networks in Neuropsychiatric Disorders. <i>Brain Connectivity</i> , 2011, 1, 349-365.	0.8	88
950	Resting state fMRI reveals increased subthalamic nucleusâ€”motor cortex connectivity in Parkinson's disease. <i>NeuroImage</i> , 2011, 55, 1728-1738.	2.1	220

#	ARTICLE	IF	CITATIONS
951	Spectral characteristics of resting state networks. Progress in Brain Research, 2011, 193, 259-276.	0.9	164
952	Spontaneous fMRI activity during resting wakefulness and sleep. Progress in Brain Research, 2011, 193, 295-305.	0.9	21
953	Altered intrinsic functional connectivity of anterior and posterior insula regions in high-functioning participants with autism spectrum disorder. Human Brain Mapping, 2011, 32, 1013-1028.	1.9	240
954	Adaptive filtering for removing nonstationary physiological noise from resting state fMRI BOLD signals. , 2011, , .		1
955	Emerging concepts for the dynamical organization of resting-state activity in the brain. Nature Reviews Neuroscience, 2011, 12, 43-56.	4.9	1,497
956	Disrupted Brain Connectivity Networks in Drug-Naive, First-Episode Major Depressive Disorder. Biological Psychiatry, 2011, 70, 334-342.	0.7	788
957	Functional connectivity in the rat at 11.7 T: Impact of physiological noise in resting state fMRI. NeuroImage, 2011, 54, 2828-2839.	2.1	103
958	Special Surgical Considerations for Functional Brain Mapping. Neurosurgery Clinics of North America, 2011, 22, 111-132.	0.8	39
959	Neuronal and hemodynamic source modeling of optogenetic BOLD signals. , 2011, , .		3
960	Corticostriatal functional connectivity in non-medicated patients with obsessive-compulsive disorder. European Psychiatry, 2011, 26, 463-469.	0.1	153
961	Abnormal small-world architecture of top-down control networks in obsessive-compulsive disorder. Journal of Psychiatry and Neuroscience, 2011, 36, 23-31.	1.4	123
962	BIOMARKERS AND PUBLIC-PRIVATE PARTNERSHIPS. , 0, , 193-194.		0
963	Investigations of Brain Network Alterations in Epilepsy Using Functional Magnetic Resonance Imaging. , 0, , .		0
964	IMAGING BIOMARKERS IN DRUG DEVELOPMENT: CASE STUDIES. , 0, , 222-264.		1
965	Functional Connectivity of Brain Structures Correlates with Treatment Outcome in Major Depressive Disorder. Frontiers in Psychiatry, 2011, 2, 7.	1.3	53
966	Impaired cerebellar functional connectivity in schizophrenia patients and their healthy siblings. Frontiers in Psychiatry, 2011, 2, 73.	1.3	96
967	Robust Transient Dynamics and Brain Functions. Frontiers in Computational Neuroscience, 2011, 5, 24.	1.2	96
968	Changes in Cognitive State Alter Human Functional Brain Networks. Frontiers in Human Neuroscience, 2011, 5, 83.	1.0	86

#	ARTICLE	IF	CITATIONS
969	Resting-State fMRI and Developmental Systems Neuroscience. <i>Frontiers in Neuroscience</i> , 2011, 5, 14.	1.4	7
970	Age Differences in Interhemispheric Interactions: Callosal Structure, Physiological Function, and Behavior. <i>Frontiers in Neuroscience</i> , 2011, 5, 38.	1.4	60
971	Balancing the Brain: Resting State Networks and Deep Brain Stimulation. <i>Frontiers in Integrative Neuroscience</i> , 2011, 5, 8.	1.0	63
972	A Baseline for the Multivariate Comparison of Resting-State Networks. <i>Frontiers in Systems Neuroscience</i> , 2011, 5, 2.	1.2	1,159
973	Functional Connectivity in Relation to Motor Performance and Recovery After Stroke. <i>Frontiers in Systems Neuroscience</i> , 2011, 5, 8.	1.2	110
974	Group-ICA Model Order Highlights Patterns of Functional Brain Connectivity. <i>Frontiers in Systems Neuroscience</i> , 2011, 5, 37.	1.2	113
975	ICA-fNORM: Spatial Normalization of fMRI Data Using Intrinsic Group-ICA Networks. <i>Frontiers in Systems Neuroscience</i> , 2011, 5, 93.	1.2	28
976	Assessing the Influence of Different ROI Selection Strategies on Functional Connectivity Analyses of fMRI Data Acquired During Steady-State Conditions. <i>PLoS ONE</i> , 2011, 6, e14788.	1.1	61
977	Altered Cerebellar-Cerebral Functional Connectivity in Geriatric Depression. <i>PLoS ONE</i> , 2011, 6, e20035.	1.1	127
978	Interictal Functional Connectivity of Human Epileptic Networks Assessed by Intracerebral EEG and BOLD Signal Fluctuations. <i>PLoS ONE</i> , 2011, 6, e20071.	1.1	114
979	Adaptive Strategy for the Statistical Analysis of Connectomes. <i>PLoS ONE</i> , 2011, 6, e23009.	1.1	39
980	Multimodal Functional Network Connectivity: An EEG-fMRI Fusion in Network Space. <i>PLoS ONE</i> , 2011, 6, e24642.	1.1	48
981	Increased Activity Imbalance in Fronto-Subcortical Circuits in Adolescents with Major Depression. <i>PLoS ONE</i> , 2011, 6, e25159.	1.1	67
982	Resting State Functional Connectivity in Perfusion Imaging: Correlation Maps with BOLD Connectivity and Resting State Perfusion. <i>PLoS ONE</i> , 2011, 6, e27050.	1.1	57
983	Personality Is Reflected in the Brain's Intrinsic Functional Architecture. <i>PLoS ONE</i> , 2011, 6, e27633.	1.1	254
984	Cortical reorganization in Bell's palsy. <i>Restorative Neurology and Neuroscience</i> , 2011, 29, 203-214.	0.4	35
985	Principles of Classification Analyses in Mild Cognitive Impairment (MCI) and Alzheimer Disease. <i>Journal of Alzheimer's Disease</i> , 2011, 26, 389-394.	1.2	33
986	Neuroimaging correlates of aggression in schizophrenia: an update. <i>Current Opinion in Psychiatry</i> , 2011, 24, 100-106.	3.1	51

#	ARTICLE	IF	CITATIONS
987	What are newborn babies thinking? Clues from MRI. <i>Imaging in Medicine</i> , 2011, 3, 137-140.	0.0	0
988	Brain Hodotopy: From Esoteric Concept to Practical Surgical Applications. <i>Neurosurgery</i> , 2011, 68, 1709-1723.	0.6	159
989	Frontal Cortical Connectivity and Lateralisation of Joint Attention Experience Using near Infrared Spectroscopy. <i>Journal of Near Infrared Spectroscopy</i> , 2011, 19, 105-116.	0.8	1
990	Deficits in Functional Connectivity of Hippocampal and Frontal Lobe Circuits After Traumatic Axonal Injury. <i>Archives of Neurology</i> , 2011, 68, 74-84.	4.9	98
991	The association of genetic variation in <i>CACNA1C</i> with structure and function of a frontotemporal system. <i>Bipolar Disorders</i> , 2011, 13, 696-700.	1.1	75
992	A multicentre study of motor functional connectivity changes in patients with multiple sclerosis. <i>European Journal of Neuroscience</i> , 2011, 33, 1256-1263.	1.2	25
993	Cocaine self-administration leads to alterations in temporal responses to cocaine challenge in limbic and motor circuitry. <i>European Journal of Neuroscience</i> , 2011, 34, 800-815.	1.2	26
994	Functional connectivity in patients with idiopathic generalized epilepsy. <i>Epilepsia</i> , 2011, 52, 515-522.	2.6	94
995	Functional MRI connectivity as a predictor of the surgical outcome of epilepsy. <i>Epilepsia</i> , 2011, 52, 1733-1740.	2.6	108
996	Inter-Hemispheric Functional Connectivity Disruption in Children With Prenatal Alcohol Exposure. <i>Alcoholism: Clinical and Experimental Research</i> , 2011, 35, 849-861.	1.4	53
997	The Influence of Carbon Dioxide on Brain Activity and Metabolism in Conscious Humans. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011, 31, 58-67.	2.4	253
998	Concepts and principles in the analysis of brain networks. <i>Annals of the New York Academy of Sciences</i> , 2011, 1224, 126-146.	1.8	272
999	Pulsed arterial spin labeling perfusion imaging at 3 T: estimating the number of subjects required in common designs of clinical trials. <i>Magnetic Resonance Imaging</i> , 2011, 29, 1382-1389.	1.0	30
1000	The relationship between BOLD signal and autonomic nervous system functions: implications for processing of "physiological noise". <i>Magnetic Resonance Imaging</i> , 2011, 29, 1338-1345.	1.0	67
1001	Fine-scale functional connectivity in somatosensory cortex revealed by high-resolution fMRI. <i>Magnetic Resonance Imaging</i> , 2011, 29, 1330-1337.	1.0	19
1002	Cardiac-induced physiological noise in 3D gradient echo brain imaging: Effect of k-space sampling scheme. <i>Journal of Magnetic Resonance</i> , 2011, 212, 74-85.	1.2	6
1003	Sex steroids and connectivity in the human brain: A review of neuroimaging studies. <i>Psychoneuroendocrinology</i> , 2011, 36, 1101-1113.	1.3	167
1005	Regional homogeneity changes in social anxiety disorder: A resting-state fMRI study. <i>Psychiatry Research - Neuroimaging</i> , 2011, 194, 47-53.	0.9	111

#	ARTICLE	IF	CITATIONS
1006	Microstructural and Functional Connectivity in the Developing Preterm Brain. <i>Seminars in Perinatology</i> , 2011, 35, 34-43.	1.1	96
1007	Electrophysiological Imaging of Brain Activity and Connectivity—Challenges and Opportunities. <i>IEEE Transactions on Biomedical Engineering</i> , 2011, 58, 1918-1931.	2.5	239
1008	A Data-Driven Sparse GLM for fMRI Analysis Using Sparse Dictionary Learning With MDL Criterion. <i>IEEE Transactions on Medical Imaging</i> , 2011, 30, 1076-1089.	5.4	149
1009	The BrainMap strategy for standardization, sharing, and meta-analysis of neuroimaging data. <i>BMC Research Notes</i> , 2011, 4, 349.	0.6	214
1010	Abnormal neural activities in first-episode, treatment-naïve, short-illness-duration, and treatment-response patients with major depressive disorder: A resting-state fMRI study. <i>Journal of Affective Disorders</i> , 2011, 135, 326-331.	2.0	127
1011	Multimodal imaging of recovery of functional networks associated with reversal of paradoxical herniation after cranioplasty. <i>Clinical Imaging</i> , 2011, 35, 253-258.	0.8	32
1012	Altered regional synchronization in epileptic patients with generalized tonic-clonic seizures. <i>Epilepsy Research</i> , 2011, 97, 83-91.	0.8	68
1013	Paradigm shift in translational neuroimaging of CNS disorders. <i>Biochemical Pharmacology</i> , 2011, 81, 1374-1387.	2.0	27
1014	Early functional brain development in autism and the promise of sleep fMRI. <i>Brain Research</i> , 2011, 1380, 162-174.	1.1	41
1015	Using a self-organizing map algorithm to detect age-related changes in functional connectivity during rest in autism spectrum disorders. <i>Brain Research</i> , 2011, 1380, 187-197.	1.1	86
1016	Altered resting state networks in epileptic patients with generalized tonic-clonic seizures. <i>Brain Research</i> , 2011, 1374, 134-141.	1.1	98
1017	Infraslow EEG oscillations organize large-scale cortical-subcortical interactions during sleep: A combined EEG/fMRI study. <i>Brain Research</i> , 2011, 1374, 63-72.	1.1	54
1018	Altered resting-state functional connectivity of thalamus in earthquake-induced posttraumatic stress disorder: A functional magnetic resonance imaging study. <i>Brain Research</i> , 2011, 1411, 98-107.	1.1	91
1019	The synchronization of spontaneous BOLD activity predicts extraversion and neuroticism. <i>Brain Research</i> , 2011, 1419, 68-75.	1.1	53
1020	The Brain Basis of Language Processing: From Structure to Function. <i>Physiological Reviews</i> , 2011, 91, 1357-1392.	13.1	1,328
1021	Unbiased Group-Wise Image Registration: Applications in Brain Fiber Tract Atlas Construction and Functional Connectivity Analysis. <i>Journal of Medical Systems</i> , 2011, 35, 921-928.	2.2	1
1022	What Does Diffusion Tensor Imaging Reveal About the Brain and Cognition in Fetal Alcohol Spectrum Disorders?. <i>Neuropsychology Review</i> , 2011, 21, 133-147.	2.5	96
1024	Resting-state brain networks: literature review and clinical applications. <i>Neurological Sciences</i> , 2011, 32, 773-785.	0.9	433

#	ARTICLE	IF	CITATIONS
1025	A software tool for interactive exploration of intrinsic functional connectivity opens new perspectives for brain surgery. <i>Acta Neurochirurgica</i> , 2011, 153, 1561-1572.	0.9	31
1026	Nicotine effects on default mode network during resting state. <i>Psychopharmacology</i> , 2011, 216, 287-295.	1.5	103
1027	Functional connectivity of the superior human temporal sulcus in the brain resting state at 3T. <i>Neuroradiology</i> , 2011, 53, 129-140.	1.1	13
1028	Het verbonden brein. <i>Neuropraxis</i> , 2011, 15, 3-14.	0.1	1
1029	Dissociated Emergent Response System and Fine-Processing System in Human Neural Network and a Heuristic Neural Architecture for Autonomous Humanoid Robots. <i>Cognitive Computation</i> , 2011, 3, 367-373.	3.6	4
1030	From Blood Oxygenation Level Dependent (BOLD) Signals to Brain Temperature Maps. <i>Bulletin of Mathematical Biology</i> , 2011, 73, 2731-2747.	0.9	21
1031	Correlation analysis on GPU systems using NVIDIA's CUDA. <i>Journal of Real-Time Image Processing</i> , 2011, 6, 275-280.	2.2	38
1032	Toward dysfunctional connectivity: a review of neuroimaging findings in pediatric major depressive disorder. <i>Brain Imaging and Behavior</i> , 2011, 5, 307-328.	1.1	151
1033	Considering PTSD from the perspective of brain processes: A psychological construction approach. <i>Journal of Traumatic Stress</i> , 2011, 24, 3-24.	1.0	63
1034	Recovery of hippocampal network connectivity correlates with cognitive improvement in mild alzheimer's disease patients treated with donepezil assessed by resting-state fMRI. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 34, 764-773.	1.9	79
1035	A novel method for quantifying scanner instability in fMRI. <i>Magnetic Resonance in Medicine</i> , 2011, 65, 1053-1061.	1.9	46
1036	On the relationship between seed-based and ICA-based measures of functional connectivity. <i>Magnetic Resonance in Medicine</i> , 2011, 66, 644-657.	1.9	172
1037	Statistical assessment of non-Gaussian diffusion models. <i>Magnetic Resonance in Medicine</i> , 2011, 66, 1639-1648.	1.9	17
1038	Temporal scaling properties and spatial synchronization of spontaneous blood oxygenation level-dependent (BOLD) signal fluctuations in rat sensorimotor network at different levels of isoflurane anesthesia. <i>NMR in Biomedicine</i> , 2011, 24, 61-67.	1.6	62
1039	Granger causal influence predicts BOLD activity levels in the default mode network. <i>Human Brain Mapping</i> , 2011, 32, 154-161.	1.9	120
1040	Network anticorrelations, global regression, and phase-shifted soft tissue correction. <i>Human Brain Mapping</i> , 2011, 32, 919-934.	1.9	208
1041	Functional connectivity of cortical motor areas in the resting state in Parkinson's disease. <i>Human Brain Mapping</i> , 2011, 32, 1443-1457.	1.9	174
1042	Discovering the somatotopic organization of the motor areas of the medial wall using low-frequency bold fluctuations. <i>Human Brain Mapping</i> , 2011, 32, 1566-1579.	1.9	38

#	ARTICLE	IF	CITATIONS
1043	Modulation of steady state functional connectivity in the default mode and working memory networks by cognitive load. <i>Human Brain Mapping</i> , 2011, 32, 1649-1659.	1.9	92
1044	Spatial patterns of intrinsic brain activity in mild cognitive impairment and alzheimer's disease: A resting-state functional MRI study. <i>Human Brain Mapping</i> , 2011, 32, 1720-1740.	1.9	254
1045	Localization of cerebral functional deficits in patients with non-neuropsychiatric systemic lupus erythematosus. <i>Human Brain Mapping</i> , 2011, 32, 1847-1855.	1.9	34
1046	Investigation of spectrally coherent resting-state networks using non-negative matrix factorization for functional MRI data. <i>International Journal of Imaging Systems and Technology</i> , 2011, 21, 211-222.	2.7	20
1047	Specific and nonspecific thalamocortical functional connectivity in normal and vegetative states. <i>Consciousness and Cognition</i> , 2011, 20, 257-268.	0.8	47
1048	Local brain connectivity and associations with gender and age. <i>Developmental Cognitive Neuroscience</i> , 2011, 1, 187-197.	1.9	90
1049	Disrupted functional connectivity in social anxiety disorder: a resting-state fMRI study. <i>Magnetic Resonance Imaging</i> , 2011, 29, 701-711.	1.0	79
1050	Functional connectivity analysis of fMRI data based on regularized multiset canonical correlation analysis. <i>Journal of Neuroscience Methods</i> , 2011, 197, 143-157.	1.3	26
1051	Default network correlations analyzed on native surfaces. <i>Journal of Neuroscience Methods</i> , 2011, 198, 301-311.	1.3	29
1052	Social network theory applied to resting-state fMRI connectivity data in the identification of epilepsy networks with iterative feature selection. <i>Journal of Neuroscience Methods</i> , 2011, 199, 129-139.	1.3	40
1053	Detecting overlapped functional clusters in resting state fMRI with Connected Iterative Scan: A graph theory based clustering algorithm. <i>Journal of Neuroscience Methods</i> , 2011, 199, 108-118.	1.3	16
1054	Evaluating the strength of functional connectivity during the resting state. , 2011, , .		0
1055	Localization of focal epileptic discharges using functional connectivity magnetic resonance imaging. <i>Journal of Neurosurgery</i> , 2011, 114, 1693-1697.	0.9	80
1056	Reproducibility of Single-Subject Functional Connectivity Measurements. <i>American Journal of Neuroradiology</i> , 2011, 32, 548-555.	1.2	178
1057	Functional Connectivity Targeting for Deep Brain Stimulation in Essential Tremor. <i>American Journal of Neuroradiology</i> , 2011, 32, 1963-1968.	1.2	40
1058	Altered Thalamocortical Functional Connectivity by Propofol Anesthesia in Rats. <i>Pharmacology</i> , 2011, 88, 322-326.	0.9	22
1059	Cluster headache and the hypothalamus: causal relationship or epiphenomenon?. <i>Expert Review of Neurotherapeutics</i> , 2011, 11, 1255-1263.	1.4	19
1060	Underconnected, but How? A Survey of Functional Connectivity MRI Studies in Autism Spectrum Disorders. <i>Cerebral Cortex</i> , 2011, 21, 2233-2243.	1.6	373

#	ARTICLE	IF	CITATIONS
1061	Network Dynamics Mediating Ipsilateral Motor Cortex Activity during Unimanual Actions. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 2468-2480.	1.1	49
1062	Quantitative Markers for Neuropsychiatric Disease: Give It a Rest. <i>Radiology</i> , 2011, 259, 17-19.	3.6	5
1063	Negative Functional Connectivity and Its Dependence on the Shortest Path Length of Positive Network in the Resting-State Human Brain. <i>Brain Connectivity</i> , 2011, 1, 195-206.	0.8	78
1064	The Declining Infrastructure of the Aging Brain. <i>Brain Connectivity</i> , 2011, 1, 279-293.	0.8	88
1065	Two-Axis Acceleration of Functional Connectivity Magnetic Resonance Imaging by Parallel Excitation of Phase-Tagged Slices and Half k-Space Acceleration. <i>Brain Connectivity</i> , 2011, 1, 81-90.	0.8	15
1066	Broadband Local Field Potentials Correlate with Spontaneous Fluctuations in Functional Magnetic Resonance Imaging Signals in the Rat Somatosensory Cortex Under Isoflurane Anesthesia. <i>Brain Connectivity</i> , 2011, 1, 119-131.	0.8	91
1067	Predicting efficacy of robot-aided rehabilitation in chronic stroke patients using an MRI-compatible robotic device. , 2011, 2011, 7470-3.		16
1068	Global and System-Specific Resting-State fMRI Fluctuations Are Uncorrelated: Principal Component Analysis Reveals Anti-Correlated Networks. <i>Brain Connectivity</i> , 2011, 1, 496-510.	0.8	108
1069	Connectivity Gradients Between the Default Mode and Attention Control Networks. <i>Brain Connectivity</i> , 2011, 1, 147-157.	0.8	132
1070	Abnormalities in Resting-State Functional Connectivity in Early Human Immunodeficiency Virus Infection. <i>Brain Connectivity</i> , 2011, 1, 207-217.	0.8	89
1071	Transcranial magnetic stimulation modulates the brain's intrinsic activity in a frequency-dependent manner. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 21229-21234.	3.3	243
1072	Anxiety Modulates Insula Recruitment in Resting-State Functional Magnetic Resonance Imaging in Youth and Adults. <i>Brain Connectivity</i> , 2011, 1, 245-254.	0.8	50
1073	Focal Pontine Lesions Provide Evidence That Intrinsic Functional Connectivity Reflects Polysynaptic Anatomical Pathways. <i>Journal of Neuroscience</i> , 2011, 31, 15065-15071.	1.7	118
1074	Role of Ongoing, Intrinsic Activity of Neuronal Populations for Quantitative Neuroimaging of Functional Magnetic Resonance Imaging-Based Networks. <i>Brain Connectivity</i> , 2011, 1, 185-193.	0.8	12
1075	Resting-state activity in development and maintenance of normal brain function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 11638-11643.	3.3	137
1076	Intact Bilateral Resting-State Networks in the Absence of the Corpus Callosum. <i>Journal of Neuroscience</i> , 2011, 31, 15154-15162.	1.7	157
1077	Assessment of functional and structural connectivity between motor cortex and thalamus using fMRI and DWI. , 2011, 2011, 5056-9.		10
1078	Resting-state functional networks with ICA and Granger causality. , 2011, , .		0

#	ARTICLE	IF	CITATIONS
1079	Functional Imaging in the Fetus. Topics in Magnetic Resonance Imaging, 2011, 22, 113-118.	0.7	6
1080	Anxiety Dissociates Dorsal and Ventral Medial Prefrontal Cortex Functional Connectivity with the Amygdala at Rest. Cerebral Cortex, 2011, 21, 1667-1673.	1.6	340
1081	Self-similar correlation function in brain resting-state functional magnetic resonance imaging. Journal of the Royal Society Interface, 2011, 8, 472-479.	1.5	130
1082	Fluctuating and sensory-induced vasodynamics in rodent cortex extend arteriole capacity. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 8473-8478.	3.3	257
1083	Anatomical and Functional Assemblies of Brain BOLD Oscillations. Journal of Neuroscience, 2011, 31, 7910-7919.	1.7	239
1084	Thalamic Resting-State Functional Networks: Disruption in Patients with Mild Traumatic Brain Injury. Radiology, 2011, 260, 831-840.	3.6	189
1085	Defaulting on the default network. Neurology, 2011, 76, 498-500.	1.5	6
1086	Is resting-state functional connectivity revealed by functional near-infrared spectroscopy test-retest reliable?. Journal of Biomedical Optics, 2011, 16, 067008.	1.4	34
1087	Correlation of functional and resting state connectivity of cerebral oxy-, deoxy-, and total hemoglobin concentration changes measured by near-infrared spectrophotometry. Journal of Biomedical Optics, 2011, 16, 087013.	1.4	25
1088	Sparse dictionary learning for resting-state fMRI analysis. , 2011, , .		1
1089	Abnormal Medial Prefrontal Cortex Resting-State Connectivity in Bipolar Disorder and Schizophrenia. Neuropsychopharmacology, 2011, 36, 2009-2017.	2.8	281
1090	Neurobiological correlates of imaging. Network: Computation in Neural Systems, 2011, 22, 162-172.	2.2	0
1091	Interregional Brain Interactions in Children with Unilateral Hearing Loss. Otolaryngology - Head and Neck Surgery, 2011, 144, 602-611.	1.1	53
1092	The search for neuroimaging biomarkers of Alzheimer's disease with advanced MRI techniques. Acta Radiologica, 2011, 52, 211-222.	0.5	33
1093	How Ongoing Neuronal Oscillations Account for Evoked fMRI Variability. Journal of Neuroscience, 2011, 31, 11016-11027.	1.7	131
1094	Uncovering Intrinsic Connectional Architecture of Functional Networks in Awake Rat Brain. Journal of Neuroscience, 2011, 31, 3776-3783.	1.7	182
1095	The Importance of Being Variable. Journal of Neuroscience, 2011, 31, 4496-4503.	1.7	383
1096	Regional brain atrophy and functional disconnection across Alzheimer's disease evolution. Journal of Neurology, Neurosurgery and Psychiatry, 2011, 82, 58-66.	0.9	233

#	ARTICLE	IF	CITATIONS
1097	True associations between resting fMRI time series based on innovations. Journal of Neural Engineering, 2011, 8, 046025.	1.8	40
1098	Resting-state functional connectivity assessed with two diffuse optical tomographic systems. Journal of Biomedical Optics, 2011, 16, 046006.	1.4	45
1099	Can We Measure Memes?. Frontiers in Evolutionary Neuroscience, 2011, 3, 1.	3.7	44
1100	Functional Connectivity and Coactivation of the Nucleus Accumbens: A Combined Functional Connectivity and Structure-Based Meta-analysis. Journal of Cognitive Neuroscience, 2011, 23, 2864-2877.	1.1	190
1101	The Subject at Rest: Novel conceptualizations of self and brain from cognitive neuroscience's study of the "resting state". Subjectivity, 2011, 4, 227-257.	0.2	40
1102	The Role of Rhythmic Neural Synchronization in Rest and Task Conditions. Frontiers in Human Neuroscience, 2011, 5, 4.	1.0	39
1104	Advances in Cognitive Neurodynamics (II)., 2011, , .		2
1105	REST: A Toolkit for Resting-State Functional Magnetic Resonance Imaging Data Processing. PLoS ONE, 2011, 6, e25031.	1.1	1,710
1106	Neuronal dysfunction and disconnection of cortical hubs in non-demented subjects with elevated amyloid burden. Brain, 2011, 134, 1635-1646.	3.7	334
1107	Large-scale functional brain networks in human non-rapid eye movement sleep: insights from combined electroencephalographic/functional magnetic resonance imaging studies. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2011, 369, 3708-3729.	1.6	40
1108	Abnormalities of hippocampal-cortical connectivity in temporal lobe epilepsy patients with hippocampal sclerosis. , 2011, , .		0
1109	Ingredients for a brain. Brain, 2011, 134, 3775-3777.	3.7	0
1110	Transient Suppression of Broadband Gamma Power in the Default-Mode Network Is Correlated with Task Complexity and Subject Performance. Journal of Neuroscience, 2011, 31, 14521-14530.	1.7	192
1111	Reorganization of cerebral networks after stroke: new insights from neuroimaging with connectivity approaches. Brain, 2011, 134, 1264-1276.	3.7	489
1112	Regional Homogeneity Changes in Heroin-dependent Individuals: Resting-State Functional MR Imaging Study. Radiology, 2011, 261, 551-559.	3.6	64
1113	Increased Hippocampal Default Mode Synchronization during Rest in Middle-Aged and Elderly APOE ϵ 4 Carriers: Relationships with Memory Performance. Journal of Neuroscience, 2011, 31, 7775-7783.	1.7	166
1114	Emergence of Persistent Networks in Long-Term Intracranial EEG Recordings. Journal of Neuroscience, 2011, 31, 15757-15767.	1.7	125
1115	Distinction in Coherent Neural Network Between Resting and Working Brain States. Brain Connectivity, 2011, 1, 377-388.	0.8	2

#	ARTICLE	IF	CITATIONS
1116	Discriminative analysis of resting-state brain functional connectivity patterns of Attention-Deficit Hyperactivity Disorder using Kernel Principal Component Analysis. , 2011, , .		3
1117	The self in autism: An emerging view from neuroimaging. Neurocase, 2011, 17, 201-208.	0.2	103
1118	Biophysical Modulations of Functional Connectivity. Brain Connectivity, 2011, 1, 267-277.	0.8	4
1119	A GPU accelerated interactive interface for exploratory functional connectivity analysis of fMRI data. , 2011, , .		8
1120	Scale-Free Properties of the Functional Magnetic Resonance Imaging Signal during Rest and Task. Journal of Neuroscience, 2011, 31, 13786-13795.	1.7	371
1121	Functional Connectivity in the Brain: Effects of Anesthesia. Neuroscientist, 2011, 17, 94-106.	2.6	59
1122	Classification of Alzheimer Disease, Mild Cognitive Impairment, and Normal Cognitive Status with Large-Scale Network Analysis Based on Resting-State Functional MR Imaging. Radiology, 2011, 259, 213-221.	3.6	245
1123	Longitudinal Changes of Resting-State Functional Connectivity During Motor Recovery After Stroke. Stroke, 2011, 42, 1357-1362.	1.0	416
1124	Structural and Functional Network Connectivity Breakdown in Alzheimer's Disease Studied with Magnetic Resonance Imaging Techniques. Journal of Alzheimer's Disease, 2011, 24, 455-474.	1.2	82
1125	Kernel Granger Causality Mapping Effective Connectivity: A Resting fMRI Study. , 2011, , 375-379.		0
1126	Bridging Token Identity Theory and Supervenience Theory Through Psychological Construction. Psychological Inquiry, 2011, 22, 115-127.	0.4	61
1127	Fluctuating concepts of childhood absence epilepsy. Neurology, 2011, 76, 1952-1953.	1.5	3
1128	Direct Comparison of Spontaneous Functional Connectivity and Effective Connectivity Measured by Intracortical Microstimulation: An fMRI Study in Macaque Monkeys. Cerebral Cortex, 2011, 21, 2348-2356.	1.6	80
1129	Neural Origin of Spontaneous Hemodynamic Fluctuations in Rats under Burst-Suppression Anesthesia Condition. Cerebral Cortex, 2011, 21, 374-384.	1.6	157
1130	fMRI as a Measure of Cognition Related Brain Circuitry in Schizophrenia. Current Topics in Behavioral Neurosciences, 2011, 11, 253-267.	0.8	5
1131	Sensorimotor Functional Connectivity Changes in Amyotrophic Lateral Sclerosis. Cerebral Cortex, 2011, 21, 2291-2298.	1.6	102
1132	Functional Connectivity MR Imaging of the Language Network in Patients with Drug-Resistant Epilepsy. American Journal of Neuroradiology, 2011, 32, 532-540.	1.2	60
1133	EEG-fMRI Methods for the Study of Brain Networks during Sleep. Frontiers in Neurology, 2012, 3, 100.	1.1	43

#	ARTICLE	IF	CITATIONS
1134	Reduced Functional Integration and Segregation of Distributed Neural Systems Underlying Social and Emotional Information Processing in Autism Spectrum Disorders. <i>Cerebral Cortex</i> , 2012, 22, 1025-1037.	1.6	163
1135	Neural anomaly and reorganization in speakers who stutter. <i>Neurology</i> , 2012, 79, 625-632.	1.5	48
1136	Multimodal MRI in Neurodegenerative Disorders. <i>Neurology Research International</i> , 2012, 2012, 1-2.	0.5	8
1137	Pitfalls in fractal time series analysis: fMRI BOLD as an exemplary case. <i>Frontiers in Physiology</i> , 2012, 3, 417.	1.3	52
1138	Understanding the Pathophysiology of Alzheimer's Disease and Mild Cognitive Impairment: A Mini Review on fMRI and ERP Studies. <i>Neurology Research International</i> , 2012, 2012, 1-10.	0.5	40
1139	The Limbic-Prefrontal Network Modulated by Electroacupuncture at CV4 and CV12. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-11.	0.5	20
1140	Default Network Modulation and Large-Scale Network Interactivity in Healthy Young and Old Adults. <i>Cerebral Cortex</i> , 2012, 22, 2610-2621.	1.6	175
1141	Scale-free and multifractal time dynamics of fMRI signals during rest and task. <i>Frontiers in Physiology</i> , 2012, 3, 186.	1.3	157
1142	Dissociated mean and functional connectivity BOLD signals in visual cortex during eyes closed and fixation. <i>Journal of Neurophysiology</i> , 2012, 108, 2363-2372.	0.9	33
1143	Sleep, cognition, and behavioral problems in school-age children: A century of research meta-analyzed.. <i>Psychological Bulletin</i> , 2012, 138, 1109-1138.	5.5	496
1144	What kind of noise is brain noise: anomalous scaling behavior of the resting brain activity fluctuations. <i>Frontiers in Physiology</i> , 2012, 3, 307.	1.3	95
1145	Tools of the trade: psychophysiological interactions and functional connectivity. <i>Social Cognitive and Affective Neuroscience</i> , 2012, 7, 604-609.	1.5	676
1146	Functional Connectivity between Anatomically Unconnected Areas Is Shaped by Collective Network-Level Effects in the Macaque Cortex. <i>Cerebral Cortex</i> , 2012, 22, 1586-1592.	1.6	217
1147	Loss of Intranetwork and Internetwork Resting State Functional Connections with Alzheimer's Disease Progression. <i>Journal of Neuroscience</i> , 2012, 32, 8890-8899.	1.7	510
1148	Imaging brain networks and brain diseases. <i>Current Opinion in Neurology</i> , 2012, 25, 373-374.	1.8	10
1149	Connectivity-Based Parcellation of the Human Orbitofrontal Cortex. <i>Journal of Neuroscience</i> , 2012, 32, 6240-6250.	1.7	254
1150	Network assemblies in the functional brain. <i>Current Opinion in Neurology</i> , 2012, 25, 1.	1.8	35
1151	Neuroimaging insights into network-based neurodegeneration. <i>Current Opinion in Neurology</i> , 2012, 25, 727-734.	1.8	65

#	ARTICLE	IF	CITATIONS
1152	Functional and Structural MR Imaging in Neuropsychiatric Disorders, Part 1: Imaging Techniques and Their Application in Mild Cognitive Impairment and Alzheimer Disease. American Journal of Neuroradiology, 2012, 33, 1845-1850.	1.2	30
1153	Abnormal Brain Connectivity Patterns in Adults with ADHD: A Coherence Study. PLoS ONE, 2012, 7, e45671.	1.1	74
1154	Upstream Dysfunction of Somatomotor Functional Connectivity After Corticospinal Damage in Stroke. Neurorehabilitation and Neural Repair, 2012, 26, 7-19.	1.4	183
1155	Resting state brain networks and their implications in neurodegenerative disease. Proceedings of SPIE, 2012, , .	0.8	0
1156	Brain Connectivity Networks in Schizophrenia Underlying Resting State Functional Magnetic Resonance Imaging. Current Topics in Medicinal Chemistry, 2012, 12, 2415-2425.	1.0	125
1157	Altered Resting-State Brain Activity at Functional MR Imaging during the Progression of Hepatic Encephalopathy. Radiology, 2012, 264, 187-195.	3.6	94
1158	Altered Brain Functional Connectivity in Patients with Cirrhosis and Minimal Hepatic Encephalopathy: A Functional MR Imaging Study. Radiology, 2012, 265, 528-536.	3.6	66
1159	Investigation of Long-Term Reproducibility of Intrinsic Connectivity Network Mapping: A Resting-State fMRI Study. American Journal of Neuroradiology, 2012, 33, 833-838.	1.2	81
1160	Top-down attention switches coupling between low-level and high-level areas of human visual cortex. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 14675-14680.	3.3	159
1161	Cortical Thinning in Psychopathy. American Journal of Psychiatry, 2012, 169, 743-749.	4.0	129
1162	Large-scale Cortical Network Properties Predict Future Sound-to-Word Learning Success. Journal of Cognitive Neuroscience, 2012, 24, 1087-1103.	1.1	43
1163	Functional connectivity of the frontal eye fields in humans and macaque monkeys investigated with resting-state fMRI. Journal of Neurophysiology, 2012, 107, 2463-2474.	0.9	112
1164	Effects of L-Dopa and Oxazepam on Resting-State Functional Magnetic Resonance Imaging Connectivity: A Randomized, Cross-Sectional Placebo Study. Brain Connectivity, 2012, 2, 246-253.	0.8	18
1165	Resting state functional connectivity and task-related effective connectivity changes after upper extremity rehabilitation: a pilot study. , 2012, 2012, 4559-62.		11
1166	Time Course of Cortical Plasticity After Facial Nerve Palsy. Neurorehabilitation and Neural Repair, 2012, 26, 197-203.	1.4	32
1167	Neural Correlates of Multisensory Perceptual Learning. Journal of Neuroscience, 2012, 32, 6263-6274.	1.7	136
1168	Brain Structural and Functional Connectivity and the Progression of Neuropathology in Alzheimer's Disease. Journal of Alzheimer's Disease, 2012, 33, S163-S172.	1.2	31
1169	The Effects of Sustained Cognitive Task Performance on Subsequent Resting State Functional Connectivity in Healthy Young and Middle-Aged Male Schoolteachers. Brain Connectivity, 2012, 2, 102-112.	0.8	20

#	ARTICLE	IF	CITATIONS
1170	Ongoing Cortical Activity at Rest: Criticality, Multistability, and Ghost Attractors. <i>Journal of Neuroscience</i> , 2012, 32, 3366-3375.	1.7	605
1171	Differential modulation of the default mode network via serotonin-1A receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 2619-2624.	3.3	109
1172	Predicting Conceptual Processing Capacity from Spontaneous Neuronal Activity of the Left Middle Temporal Gyrus. <i>Journal of Neuroscience</i> , 2012, 32, 481-489.	1.7	158
1173	The organization of the human striatum estimated by intrinsic functional connectivity. <i>Journal of Neurophysiology</i> , 2012, 108, 2242-2263.	0.9	696
1174	Functional Connectivity Networks in Nonbothersome Tinnitus. <i>Otolaryngology - Head and Neck Surgery</i> , 2012, 147, 900-906.	1.1	54
1175	AMPLITUDE OF LOW FREQUENCY FLUCTUATION AT DIFFERENT FREQUENCY BANDS IN EARLY AMNESTIC MILD COGNITIVE IMPAIRMENT: RESULTS FROM ADNI. <i>Journal of Innovative Optical Health Sciences</i> , 2012, 05, 1150003.	0.5	7
1176	Emergence of Stable Functional Networks in Long-Term Human Electroencephalography. <i>Journal of Neuroscience</i> , 2012, 32, 2703-2713.	1.7	153
1178	Feeling without Seeing? Engagement of Ventral, but Not Dorsal, Amygdala during Unaware Exposure to Emotional Faces. <i>Journal of Cognitive Neuroscience</i> , 2012, 24, 531-542.	1.1	18
1179	Default Mode Network in Concussed Individuals in Response to the YMCA Physical Stress Test. <i>Journal of Neurotrauma</i> , 2012, 29, 756-765.	1.7	70
1180	Altered Resting Brain Function and Structure in Professional Badminton Players. <i>Brain Connectivity</i> , 2012, 2, 225-233.	0.8	93
1181	Advances in longitudinal MRI diagnostic tests. <i>Expert Opinion on Medical Diagnostics</i> , 2012, 6, 309-321.	1.6	5
1182	Functional connectivity analysis of cortical networks in Functional Near Infrared Spectroscopy using phase synchronization. , 2012, 2012, 5182-5.		3
1183	Intrinsic Network Connectivity Reflects Consistency of Synesthetic Experiences. <i>Journal of Neuroscience</i> , 2012, 32, 7614-7621.	1.7	63
1184	Spatiotemporal Reconfiguration of Large-Scale Brain Functional Networks during Propofol-Induced Loss of Consciousness. <i>Journal of Neuroscience</i> , 2012, 32, 12832-12840.	1.7	175
1185	Category-Selective Background Connectivity in Ventral Visual Cortex. <i>Cerebral Cortex</i> , 2012, 22, 391-402.	1.6	105
1186	Resting-State Functional Connectivity of the Medial Superior Frontal Cortex. <i>Cerebral Cortex</i> , 2012, 22, 99-111.	1.6	173
1187	Multimodal MRI Neuroimaging Biomarkers for Cognitive Normal Adults, Amnesic Mild Cognitive Impairment, and Alzheimer's Disease. <i>Neurology Research International</i> , 2012, 2012, 1-17.	0.5	26
1188	Spontaneous EEG-Functional MRI in Mesial Temporal Lobe Epilepsy: Implications for the Neural Correlates of Consciousness. <i>Epilepsy Research & Treatment</i> , 2012, 2012, 1-10.	1.4	4

#	ARTICLE	IF	CITATIONS
1207	Functional magnetic resonance imaging. , 0, , 410-469.		0
1208	Connectivity-based structural and functional parcellation of the human cortex using diffusion imaging and tractography. <i>Frontiers in Neuroanatomy</i> , 2012, 6, 34.	0.9	67
1209	Altered Cortico-Striatalâ€“Thalamic Connectivity in Relation to Spatial Working Memory Capacity in Children with ADHD. <i>Frontiers in Psychiatry</i> , 2012, 3, 2.	1.3	93
1210	Three Subsystems of the Inferior Parietal Cortex Are Differently Affected in Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2012, 30, 475-487.	1.2	61
1211	How important is the corpus callosum in resting-state networks?. <i>Future Neurology</i> , 2012, 7, 231-234.	0.9	1
1212	Functional MRI Applications in Epilepsy Surgery. <i>Canadian Journal of Neurological Sciences</i> , 2012, 39, 271-285.	0.3	16
1213	Neuroimaging in psychiatry: bringing neuroscience into clinical practice. <i>British Journal of Psychiatry</i> , 2012, 201, 1-3.	1.7	16
1214	Developmental pathways to amygdala-prefrontal function and internalizing symptoms in adolescence. <i>Nature Neuroscience</i> , 2012, 15, 1736-1741.	7.1	343
1215	General Anesthesia and Human Brain Connectivity. <i>Brain Connectivity</i> , 2012, 2, 291-302.	0.8	227
1216	Low-Frequency Spontaneous Oscillations of Cerebral Hemodynamics Investigated With Near-Infrared Spectroscopy: A Review. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2012, 18, 1478-1492.	1.9	66
1217	Lateralization of temporal lobe epilepsy using resting functional magnetic resonance imaging connectivity of hippocampal networks. <i>Epilepsia</i> , 2012, 53, 1628-1635.	2.6	76
1218	Reading with Sounds: Sensory Substitution Selectively Activates the Visual Word Form Area in the Blind. <i>Neuron</i> , 2012, 76, 640-652.	3.8	243
1219	Altered regional homogeneity in post-traumatic stress disorder: a restingstate functional magnetic resonance imaging study. <i>Neuroscience Bulletin</i> , 2012, 28, 541-549.	1.5	46
1220	Cortico-striatal disconnection within the cingulo-opercular network in schizophrenia revealed by intrinsic functional connectivity analysis: A resting fMRI study. <i>NeuroImage</i> , 2012, 59, 238-247.	2.1	119
1221	Recovery of the default mode network after demanding neurofeedback training occurs in spatio-temporally segregated subnetworks. <i>NeuroImage</i> , 2012, 63, 1775-1781.	2.1	27
1222	Temporally-independent functional modes of spontaneous brain activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 3131-3136.	3.3	696
1223	Insular and anterior cingulate circuits in smokers with schizophrenia. <i>Schizophrenia Research</i> , 2012, 142, 223-229.	1.1	35
1224	Electrophysiological Low-Frequency Coherence and Cross-Frequency Coupling Contribute to BOLD Connectivity. <i>Neuron</i> , 2012, 76, 1010-1020.	3.8	147

#	ARTICLE	IF	CITATIONS
1225	Resting state functional connectivity of the striatum in Parkinson's disease. <i>Brain</i> , 2012, 135, 3699-3711.	3.7	368
1226	Depression and Cognitive Impairment in Older Adults. <i>Current Psychiatry Reports</i> , 2012, 14, 280-288.	2.1	68
1227	The role of default network deactivation in cognition and disease. <i>Trends in Cognitive Sciences</i> , 2012, 16, 584-592.	4.0	805
1228	Self-regulation of brain oscillations as a treatment for aberrant brain connections in children with autism. <i>Medical Hypotheses</i> , 2012, 79, 790-798.	0.8	34
1229	Application of connected iterative scan in biological neural network. <i>Neural Computing and Applications</i> , 2012, 21, 2097-2103.	3.2	2
1230	Resampling-based information criteria for best-subset regression. <i>Annals of the Institute of Statistical Mathematics</i> , 2012, 64, 1161-1186.	0.5	8
1231	EEG correlates of spontaneous self-referential thoughts: A cross-cultural study. <i>International Journal of Psychophysiology</i> , 2012, 86, 173-181.	0.5	50
1232	Markov models for fMRI correlation structure: Is brain functional connectivity small world, or decomposable into networks?. <i>Journal of Physiology (Paris)</i> , 2012, 106, 212-221.	2.1	27
1233	Abnormal neural activity of brain regions in treatment-resistant and treatment-sensitive major depressive disorder: A resting-state fMRI study. <i>Journal of Psychiatric Research</i> , 2012, 46, 1366-1373.	1.5	96
1234	Difference of neural connectivity for motor function in chronic hemiparetic stroke patients with intracerebral hemorrhage. <i>Neuroscience Letters</i> , 2012, 531, 80-85.	1.0	10
1235	Depressive symptoms in prodromal Huntington's Disease correlate with Stroop-interference related functional connectivity in the ventromedial prefrontal cortex. <i>Psychiatry Research - Neuroimaging</i> , 2012, 203, 166-174.	0.9	37
1236	Abnormal baseline brain activity in bipolar depression: A resting state functional magnetic resonance imaging study. <i>Psychiatry Research - Neuroimaging</i> , 2012, 203, 175-179.	0.9	110
1237	Laterality Patterns of Brain Functional Connectivity: Gender Effects. <i>Cerebral Cortex</i> , 2012, 22, 1455-1462.	1.6	129
1238	Disrupted resting-state functional connectivity of the hippocampus in medication-naïve patients with major depressive disorder. <i>Journal of Affective Disorders</i> , 2012, 141, 194-203.	2.0	101
1239	Why ruminators won't stop: The structural and resting state correlates of rumination and its relation to depression. <i>Journal of Affective Disorders</i> , 2012, 141, 352-360.	2.0	119
1240	Patterns of fractional amplitude of low-frequency oscillations in occipito-striato-thalamic regions of first-episode drug-naïve panic disorder. <i>Journal of Affective Disorders</i> , 2012, 142, 180-185.	2.0	27
1241	Current Status and Future Perspectives of Magnetic Resonance High-Field Imaging: A Summary. <i>Neuroimaging Clinics of North America</i> , 2012, 22, 373-397.	0.5	11
1242	Functional connectivity of epileptogenic focus: detection and relationship with default mode network. , 2012, , .		1

#	ARTICLE	IF	CITATIONS
1243	Functional Magnetic Resonance Imaging Phase Synchronization as a Measure of Dynamic Functional Connectivity. <i>Brain Connectivity</i> , 2012, 2, 91-101.	0.8	282
1244	Differentiation between resting-state fMRI data from ADHD and normal subjects: Based on functional connectivity and machine learning. , 2012, , .		7
1245	Trouble at Rest: How Correlation Patterns and Group Differences Become Distorted After Global Signal Regression. <i>Brain Connectivity</i> , 2012, 2, 25-32.	0.8	805
1246	Wavelet packet based clustering for the study of functional connectivity in the rat brain. , 2012, , .		2
1247	Resting state functional MRI in Alzheimer's Disease. <i>Alzheimer's Research and Therapy</i> , 2012, 4, 2.	3.0	112
1248	Capturing Amplitude Changes of Low-Frequency Fluctuations in Functional Magnetic Resonance Imaging Signal: A Pilot Acupuncture Study on <i>NeiGuan</i> (PC6). <i>Journal of Alternative and Complementary Medicine</i> , 2012, 18, 387-393.	2.1	29
1249	Independent component analysis of the resting-state brain functional MRI study in adults with bipolar depression. , 2012, , .		5
1250	Baseline brain activity changes in patients with clinically isolated syndrome revealed by resting-state functional MRI. <i>Acta Radiologica</i> , 2012, 53, 1073-1078.	0.5	15
1251	Diagnosis by default. <i>Nature Medicine</i> , 2012, 18, 338-340.	15.2	8
1252	Structural substrates for resting network disruption in temporal lobe epilepsy. <i>Brain</i> , 2012, 135, 2350-2357.	3.7	137
1253	Directed Transform Function approach for functional network analysis in resting state fMRI data of Parkinson disease. , 2012, , .		1
1254	Neural substrates and inter-individual functional connectivity during mutual gaze and joint attention using dual functional MRI. , 2012, , .		3
1255	Rat brains also have a default mode network. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 3979-3984.	3.3	509
1256	A wavelet clustering technique for the identification of functionally connected regions in the rat brain using resting state fMRI. , 2012, , .		4
1257	Motor "Dexterity": Evidence that Left Hemisphere Lateralization of Motor Circuit Connectivity Is Associated with Better Motor Performance in Children. <i>Cerebral Cortex</i> , 2012, 22, 51-59.	1.6	57
1258	Biophysical and Physiological Origins of Blood Oxygenation Level-Dependent fMRI Signals. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2012, 32, 1188-1206.	2.4	429
1259	Functional magnetic resonance imaging. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2012, 107, 369-385.	1.0	3
1260	A functional connectivity inspired approach to non-local fMRI analysis. , 2012, , .		2

#	ARTICLE	IF	CITATIONS
1261	Donepezil Effects on Hippocampal and Prefrontal Functional Connectivity in Alzheimer's Disease: Preliminary Report. <i>Journal of Alzheimer's Disease</i> , 2012, 31, S221-S226.	1.2	23
1262	Resting-state fMRI changes in Alzheimer's disease and mild cognitive impairment. <i>Neurobiology of Aging</i> , 2012, 33, 2018-2028.	1.5	337
1263	Granulin mutation drives brain damage and reorganization from preclinical to symptomatic FTL. <i>Neurobiology of Aging</i> , 2012, 33, 2506-2520.	1.5	101
1264	Differential relationships between transcallosal structural and functional connectivity in young and older adults. <i>Neurobiology of Aging</i> , 2012, 33, 2521-2526.	1.5	46
1265	Resting metabolic connectivity in prodromal Alzheimer's disease. A European Alzheimer Disease Consortium (EADC) project. <i>Neurobiology of Aging</i> , 2012, 33, 2533-2550.	1.5	108
1266	Spontaneous High-Gamma Band Activity Reflects Functional Organization of Auditory Cortex in the Awake Macaque. <i>Neuron</i> , 2012, 74, 899-910.	3.8	69
1267	Alterations of the amplitude of low-frequency fluctuations in treatment-resistant and treatment-response depression: A resting-state fMRI study. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2012, 37, 153-160.	2.5	148
1268	Characterizing variation in the functional connectome: promise and pitfalls. <i>Trends in Cognitive Sciences</i> , 2012, 16, 181-188.	4.0	248
1269	Default mode network abnormalities in idiopathic generalized epilepsy. <i>Epilepsy and Behavior</i> , 2012, 23, 353-359.	0.9	94
1270	Network Centrality in the Human Functional Connectome. <i>Cerebral Cortex</i> , 2012, 22, 1862-1875.	1.6	1,003
1271	Neuroscience: Idle minds. <i>Nature</i> , 2012, 489, 356-358.	13.7	18
1272	Functional Covariance Networks: Obtaining Resting-State Networks from Intersubject Variability. <i>Brain Connectivity</i> , 2012, 2, 203-217.	0.8	40
1273	Decoding Subject-Driven Cognitive States with Whole-Brain Connectivity Patterns. <i>Cerebral Cortex</i> , 2012, 22, 158-165.	1.6	1,635
1274	The balance between feeling and knowing: affective and cognitive empathy are reflected in the brain's intrinsic functional dynamics. <i>Social Cognitive and Affective Neuroscience</i> , 2012, 7, 727-737.	1.5	237
1275	Power of food moderates food craving, perceived control, and brain networks following a short-term post-absorptive state in older adults. <i>Appetite</i> , 2012, 58, 806-813.	1.8	32
1276	MRI assessment of amplitude of low-frequency fluctuation in rat brains with acute cerebral ischemic stroke. <i>Neuroscience Letters</i> , 2012, 509, 22-26.	1.0	24
1277	Temporal and instantaneous connectivity of default mode network estimated using Gaussian Bayesian network frameworks. <i>Neuroscience Letters</i> , 2012, 513, 62-66.	1.0	5
1278	Impaired cortico-striatal functional connectivity in prodromal Huntington's Disease. <i>Neuroscience Letters</i> , 2012, 514, 204-209.	1.0	101

#	ARTICLE	IF	CITATIONS
1279	Resting-state abnormal baseline brain activity in unipolar and bipolar depression. <i>Neuroscience Letters</i> , 2012, 516, 202-206.	1.0	65
1280	Functional and effective connectivity of anterior insula in anorexia nervosa and bulimia nervosa. <i>Neuroscience Letters</i> , 2012, 521, 152-157.	1.0	88
1281	Real-time fMRI-based neurofeedback reinforces causality of attention networks. <i>Neuroscience Research</i> , 2012, 72, 347-354.	1.0	48
1282	Watching the fetal brain at α -rest TM . <i>International Journal of Developmental Neuroscience</i> , 2012, 30, 11-17.	0.7	112
1283	Network asymmetry of motor areas revealed by resting-state functional magnetic resonance imaging. <i>Behavioural Brain Research</i> , 2012, 227, 125-133.	1.2	12
1284	Advanced MR imaging techniques and characterization of residual anatomy. <i>Clinical Neurology and Neurosurgery</i> , 2012, 114, 460-470.	0.6	22
1285	Tonic pain and continuous EEG: Prediction of subjective pain perception by alpha-1 power during stimulation and at rest. <i>Clinical Neurophysiology</i> , 2012, 123, 605-612.	0.7	104
1286	Changes in thalamus connectivity in mild cognitive impairment: Evidence from resting state fMRI. <i>European Journal of Radiology</i> , 2012, 81, 277-285.	1.2	106
1287	Abnormal amygdala connectivity in patients with primary insomnia: Evidence from resting state fMRI. <i>European Journal of Radiology</i> , 2012, 81, 1288-1295.	1.2	169
1288	Measuring and manipulating brain connectivity with resting state functional connectivity magnetic resonance imaging (fcMRI) and transcranial magnetic stimulation (TMS). <i>NeuroImage</i> , 2012, 62, 2232-2243.	2.1	315
1289	Default Mode Network Activity and Connectivity in Psychopathology. <i>Annual Review of Clinical Psychology</i> , 2012, 8, 49-76.	6.3	1,137
1290	Identify schizophrenia using resting-state functional connectivity: an exploratory research and analysis. <i>BioMedical Engineering OnLine</i> , 2012, 11, 50.	1.3	58
1291	Association of the interleukin 1 beta gene and brain spontaneous activity in amnesic mild cognitive impairment. <i>Journal of Neuroinflammation</i> , 2012, 9, 263.	3.1	23
1292	Exploration and modulation of brain network interactions with noninvasive brain stimulation in combination with neuroimaging. <i>European Journal of Neuroscience</i> , 2012, 35, 805-825.	1.2	138
1293	Learning-Related Gray and White Matter Changes in Humans. <i>Neuroscientist</i> , 2012, 18, 320-325.	2.6	88
1294	Messages from the Brain Connectivity Regarding Neural Correlates of Consciousness. <i>Experimental Neurobiology</i> , 2012, 21, 113-122.	0.7	9
1295	Early and late onset, first-episode, treatment-naive depression: same clinical symptoms, different regional neural activities. <i>Journal of Affective Disorders</i> , 2012, 143, 56-63.	2.0	80
1296	Investigating Effective Brain Connectivity from fMRI Data: Past Findings and Current Issues with Reference to Granger Causality Analysis. <i>Brain Connectivity</i> , 2012, 2, 235-245.	0.8	124

#	ARTICLE	IF	CITATIONS
1297	Multisubject Independent Component Analysis of fMRI: A Decade of Intrinsic Networks, Default Mode, and Neurodiagnostic Discovery. <i>IEEE Reviews in Biomedical Engineering</i> , 2012, 5, 60-73.	13.1	586
1298	<i>Conn</i>: A Functional Connectivity Toolbox for Correlated and Anticorrelated Brain Networks. <i>Brain Connectivity</i> , 2012, 2, 125-141.	0.8	3,641
1299	Differences in Resting-State Functional Magnetic Resonance Imaging Functional Network Connectivity Between Schizophrenia and Psychotic Bipolar Probands and Their Unaffected First-Degree Relatives. <i>Biological Psychiatry</i> , 2012, 71, 881-889.	0.7	246
1300	Efficacy of Transcranial Magnetic Stimulation Targets for Depression Is Related to Intrinsic Functional Connectivity with the Subgenual Cingulate. <i>Biological Psychiatry</i> , 2012, 72, 595-603.	0.7	828
1301	Spatial patterns of intrinsic neural activity in depressed patients with vascular risk factors as revealed by the amplitude of low-frequency fluctuation. <i>Brain Research</i> , 2012, 1483, 82-88.	1.1	13
1302	Modulation of large-scale brain networks by transcranial direct current stimulation evidenced by resting-state functional MRI. <i>Brain Stimulation</i> , 2012, 5, 252-263.	0.7	261
1303	Prefrontal and limbic resting state brain network functional connectivity differs between nicotine-dependent smokers and non-smoking controls. <i>Drug and Alcohol Dependence</i> , 2012, 125, 252-259.	1.6	110
1304	Altered functional connectivity of the dorsolateral prefrontal cortex in first-episode patients with major depressive disorder. <i>European Journal of Radiology</i> , 2012, 81, 4035-4040.	1.2	127
1305	The influence of head motion on intrinsic functional connectivity MRI. <i>NeuroImage</i> , 2012, 59, 431-438.	2.1	2,209
1306	Altered resting-state effective connectivity of fronto-parietal motor control systems on the primary motor network following stroke. <i>NeuroImage</i> , 2012, 59, 227-237.	2.1	83
1307	Anticorrelated resting-state functional connectivity in awake rat brain. <i>NeuroImage</i> , 2012, 59, 1190-1199.	2.1	140
1308	PHYCAA: Data-driven measurement and removal of physiological noise in BOLD fMRI. <i>NeuroImage</i> , 2012, 59, 1299-1314.	2.1	26
1309	Anticorrelations in resting state networks without global signal regression. <i>NeuroImage</i> , 2012, 59, 1420-1428.	2.1	894
1310	Altered spontaneous activity in Alzheimer's disease and mild cognitive impairment revealed by Regional Homogeneity. <i>NeuroImage</i> , 2012, 59, 1429-1440.	2.1	227
1311	From simple graphs to the connectome: Networks in neuroimaging. <i>NeuroImage</i> , 2012, 62, 881-886.	2.1	161
1312	Bedside optical imaging of occipital resting-state functional connectivity in neonates. <i>NeuroImage</i> , 2012, 59, 2529-2538.	2.1	92
1313	Stability of resting fMRI interregional correlations analyzed in subject-native space: A one-year longitudinal study in healthy adults and premanifest Huntington's disease. <i>NeuroImage</i> , 2012, 59, 2452-2463.	2.1	44
1314	Physiologic noise regression, motion regression, and TOAST dynamic field correction in complex-valued fMRI time series. <i>NeuroImage</i> , 2012, 59, 2231-2240.	2.1	9

#	ARTICLE	IF	CITATIONS
1315	Caffeine increases the temporal variability of resting-state BOLD connectivity in the motor cortex. <i>NeuroImage</i> , 2012, 59, 2994-3002.	2.1	56
1316	Discriminative analysis of early Alzheimer's disease using multi-modal imaging and multi-level characterization with multi-classifier (M3). <i>NeuroImage</i> , 2012, 59, 2187-2195.	2.1	262
1317	The impact of serotonin transporter (5-HTTLPR) genotype on the development of resting-state functional connectivity in children and adolescents: A preliminary report. <i>NeuroImage</i> , 2012, 59, 2760-2770.	2.1	55
1318	The serendipitous discovery of the brain's default network. <i>NeuroImage</i> , 2012, 62, 1137-1145.	2.1	243
1319	An alternative approach towards assessing and accounting for individual motion in fMRI timeseries. <i>NeuroImage</i> , 2012, 59, 2062-2072.	2.1	115
1320	Sewer pipe, wire, epoxy, and finger tapping: The start of fMRI at the Medical College of Wisconsin. <i>NeuroImage</i> , 2012, 62, 620-631.	2.1	11
1321	Ongoing physiological processes in the cerebral cortex. <i>NeuroImage</i> , 2012, 62, 2190-2200.	2.1	114
1322	Dynamical stability of intrinsic connectivity networks. <i>NeuroImage</i> , 2012, 59, 4022-4031.	2.1	13
1323	Cross-correlation: An fMRI signal-processing strategy. <i>NeuroImage</i> , 2012, 62, 848-851.	2.1	30
1324	The influence of spontaneous activity on stimulus processing in primary visual cortex. <i>NeuroImage</i> , 2012, 59, 2700-2708.	2.1	46
1325	Functional connectivity mapping of the human precuneus by resting state fMRI. <i>NeuroImage</i> , 2012, 59, 3548-3562.	2.1	476
1326	The utility of near-infrared spectroscopy in the regression of low-frequency physiological noise from functional magnetic resonance imaging data. <i>NeuroImage</i> , 2012, 59, 3128-3138.	2.1	37
1327	TE-dependent spatial and spectral specificity of functional connectivity. <i>NeuroImage</i> , 2012, 59, 3075-3084.	2.1	13
1328	Anxiolytic-like effect of pregabalin on unconditioned fear in the rat: An autoradiographic brain perfusion mapping and functional connectivity study. <i>NeuroImage</i> , 2012, 59, 4168-4188.	2.1	23
1329	Patterns of hemodynamic low-frequency oscillations in the brain are modulated by the nature of free thought during rest. <i>NeuroImage</i> , 2012, 59, 3194-3200.	2.1	96
1330	Neuroimaging of the periaqueductal gray: State of the field. <i>NeuroImage</i> , 2012, 60, 505-522.	2.1	322
1331	Regional homogeneity of resting state fMRI signals predicts Stop signal task performance. <i>NeuroImage</i> , 2012, 60, 539-544.	2.1	91
1332	Functional brain networks and abnormal connectivity in the movement disorders. <i>NeuroImage</i> , 2012, 62, 2261-2270.	2.1	100

#	ARTICLE	IF	CITATIONS
1333	Pharmacological modulation of functional connectivity: β -adrenergic receptor agonist alters synchrony but not neural activation. <i>NeuroImage</i> , 2012, 60, 436-446.	2.1	45
1334	Differentiating BOLD and non-BOLD signals in fMRI time series using multi-echo EPI. <i>NeuroImage</i> , 2012, 60, 1759-1770.	2.1	528
1335	Meta-analytical definition and functional connectivity of the human vestibular cortex. <i>NeuroImage</i> , 2012, 60, 162-169.	2.1	352
1336	The motor system and its disorders. <i>NeuroImage</i> , 2012, 61, 464-477.	2.1	52
1337	Distributed processing; distributed functions?. <i>NeuroImage</i> , 2012, 61, 407-426.	2.1	80
1338	Support vector machine classification and characterization of age-related reorganization of functional brain networks. <i>NeuroImage</i> , 2012, 60, 601-613.	2.1	160
1339	Task-driven ICA feature generation for accurate and interpretable prediction using fMRI. <i>NeuroImage</i> , 2012, 60, 189-203.	2.1	34
1340	Impact of in-scanner head motion on multiple measures of functional connectivity: Relevance for studies of neurodevelopment in youth. <i>NeuroImage</i> , 2012, 60, 623-632.	2.1	1,037
1341	Subspace-based Identification Algorithm for characterizing causal networks in resting brain. <i>NeuroImage</i> , 2012, 60, 1236-1249.	2.1	9
1342	Changes in regional cerebral blood flow and functional connectivity in the cholinergic pathway associated with cognitive performance in subjects with mild Alzheimer's disease after 12-week donepezil treatment. <i>NeuroImage</i> , 2012, 60, 1083-1091.	2.1	98
1343	The emergence of doing "nothing" as a viable paradigm design. <i>NeuroImage</i> , 2012, 62, 1146-1151.	2.1	26
1344	The role of physiological noise in resting-state functional connectivity. <i>NeuroImage</i> , 2012, 62, 864-870.	2.1	313
1345	The future of FMRI connectivity. <i>NeuroImage</i> , 2012, 62, 1257-1266.	2.1	309
1346	The future of functional MRI in clinical medicine. <i>NeuroImage</i> , 2012, 62, 1267-1271.	2.1	53
1347	Brain state regulation during normal development: Intrinsic activity fluctuations in simultaneous EEG-fMRI. <i>NeuroImage</i> , 2012, 60, 1426-1439.	2.1	39
1348	The future of the human connectome. <i>NeuroImage</i> , 2012, 62, 1299-1310.	2.1	171
1349	A brief history of the resting state: The Washington University perspective. <i>NeuroImage</i> , 2012, 62, 902-910.	2.1	197
1350	Exploring resting-state functional connectivity with total interdependence. <i>NeuroImage</i> , 2012, 60, 1587-1595.	2.1	35

#	ARTICLE	IF	CITATIONS
1351	Resting state fMRI: A personal history. <i>NeuroImage</i> , 2012, 62, 938-944.	2.1	415
1352	Multiple imputation of missing fMRI data in whole brain analysis. <i>NeuroImage</i> , 2012, 60, 1843-1855.	2.1	31
1353	Functional MRI: A confluence of fortunate circumstances. <i>NeuroImage</i> , 2012, 61, A3-A11.	2.1	19
1354	Development of functional imaging in the human brain (fMRI); the University of Minnesota experience. <i>NeuroImage</i> , 2012, 62, 613-619.	2.1	23
1355	Distinct functional networks within the cerebellum and their relation to cortical systems assessed with independent component analysis. <i>NeuroImage</i> , 2012, 60, 2073-2085.	2.1	64
1356	Physiological denoising of BOLD fMRI data using Regressor Interpolation at Progressive Time Delays (RIPTiDe) processing of concurrent fMRI and near-infrared spectroscopy (NIRS). <i>NeuroImage</i> , 2012, 60, 1913-1923.	2.1	64
1357	Dissociable large-scale networks anchored in the right anterior insula subserve affective experience and attention. <i>NeuroImage</i> , 2012, 60, 1947-1958.	2.1	237
1358	Quantitative imaging of energy expenditure in human brain. <i>NeuroImage</i> , 2012, 60, 2107-2117.	2.1	206
1359	Quantitative comparison of resting-state functional connectivity derived from fNIRS and fMRI: A simultaneous recording study. <i>NeuroImage</i> , 2012, 60, 2008-2018.	2.1	105
1360	Modelling with independent components. <i>NeuroImage</i> , 2012, 62, 891-901.	2.1	199
1361	Spatiotemporal dynamics of the brain at rest – Exploring EEG microstates as electrophysiological signatures of BOLD resting state networks. <i>NeuroImage</i> , 2012, 60, 2062-2072.	2.1	271
1362	Across-study and within-subject functional connectivity of a right temporo-parietal junction subregion involved in stimulus – context integration. <i>NeuroImage</i> , 2012, 60, 2389-2398.	2.1	98
1363	Infra-slow fluctuations in electrophysiological recordings, blood-oxygenation-level-dependent signals, and psychophysical time series. <i>NeuroImage</i> , 2012, 62, 2201-2211.	2.1	132
1364	Structural connectivity allows for multi-threading during rest: The structure of the cortex leads to efficient alternation between resting state exploratory behavior and default mode processing. <i>NeuroImage</i> , 2012, 60, 2274-2284.	2.1	27
1365	Dynamic connectivity regression: Determining state-related changes in brain connectivity. <i>NeuroImage</i> , 2012, 61, 907-920.	2.1	238
1366	Quantitative assessment of a framework for creating anatomical brain networks via global tractography. <i>NeuroImage</i> , 2012, 61, 1017-1030.	2.1	37
1367	Atlas-based analysis of resting-state functional connectivity: Evaluation for reproducibility and multi-modal anatomy – function correlation studies. <i>NeuroImage</i> , 2012, 61, 613-621.	2.1	132
1368	Does parametric fMRI analysis with SPM yield valid results? – An empirical study of 1484 rest datasets. <i>NeuroImage</i> , 2012, 61, 565-578.	2.1	103

#	ARTICLE	IF	CITATIONS
1369	Twenty years of functional MRI: The science and the stories. <i>NeuroImage</i> , 2012, 62, 575-588.	2.1	194
1370	Changes in the brain intrinsic organization in both on-task state and post-task resting state. <i>NeuroImage</i> , 2012, 62, 394-407.	2.1	82
1371	Electrophysiological and functional connectivity of the human supplementary motor area. <i>NeuroImage</i> , 2012, 62, 250-265.	2.1	46
1372	Modulations of functional connectivity in the healthy and schizophrenia groups during task and rest. <i>NeuroImage</i> , 2012, 62, 1694-1704.	2.1	60
1373	Investigating function and connectivity of morphometric findings – Exemplified on cerebellar atrophy in spinocerebellar ataxia 17 (SCA17). <i>NeuroImage</i> , 2012, 62, 1354-1366.	2.1	72
1374	Noninvasive optical evaluation of spontaneous low frequency oscillations in cerebral hemodynamics. <i>NeuroImage</i> , 2012, 62, 1445-1454.	2.1	90
1375	The intrinsic connectivity distribution: A novel contrast measure reflecting voxel level functional connectivity. <i>NeuroImage</i> , 2012, 62, 1510-1519.	2.1	98
1376	fMRI response in the medial prefrontal cortex predicts cocaine but not sucrose self-administration history. <i>NeuroImage</i> , 2012, 62, 1857-1866.	2.1	19
1377	Classifying minimally disabled multiple sclerosis patients from resting state functional connectivity. <i>NeuroImage</i> , 2012, 62, 2021-2033.	2.1	87
1378	Modeling the outcome of structural disconnection on resting-state functional connectivity. <i>NeuroImage</i> , 2012, 62, 1342-1353.	2.1	169
1379	Atypical lexicosemantic function of extrastriate cortex in autism spectrum disorder: Evidence from functional and effective connectivity. <i>NeuroImage</i> , 2012, 62, 1780-1791.	2.1	44
1380	A NIRS-fMRI study of resting state network. <i>NeuroImage</i> , 2012, 63, 179-193.	2.1	122
1381	Anti-correlated networks, global signal regression, and the effects of caffeine in resting-state functional MRI. <i>NeuroImage</i> , 2012, 63, 356-364.	2.1	130
1382	Periodic changes in fMRI connectivity. <i>NeuroImage</i> , 2012, 63, 1712-1719.	2.1	350
1383	Phase-amplitude investigation of spontaneous low-frequency oscillations of cerebral hemodynamics with near-infrared spectroscopy: A sleep study in human subjects. <i>NeuroImage</i> , 2012, 63, 1571-1584.	2.1	92
1384	A dual echo approach to motion correction for functional connectivity studies. <i>NeuroImage</i> , 2012, 63, 1487-1497.	2.1	11
1385	Altered resting-state functional connectivity after cortical spreading depression in mice. <i>NeuroImage</i> , 2012, 63, 1171-1177.	2.1	15
1386	Whole brain resting state functional connectivity abnormalities in schizophrenia. <i>Schizophrenia Research</i> , 2012, 139, 7-12.	1.1	127

#	ARTICLE	IF	CITATIONS
1387	A correlation-matrix-based hierarchical clustering method for functional connectivity analysis. <i>Journal of Neuroscience Methods</i> , 2012, 211, 94-102.	1.3	72
1388	From research to clinical practice: Implementation of functional magnetic imaging and white matter tractography in the clinical environment. <i>Journal of the Neurological Sciences</i> , 2012, 312, 158-165.	0.3	38
1389	Abnormal baseline brain activity in low-grade hepatic encephalopathy: A resting-state fMRI study. <i>Journal of the Neurological Sciences</i> , 2012, 318, 140-145.	0.3	44
1390	Spontaneous Brain Activity Relates to Autonomic Arousal. <i>Journal of Neuroscience</i> , 2012, 32, 11176-11186.	1.7	96
1391	Neuroplasticity and functional recovery in multiple sclerosis. <i>Nature Reviews Neurology</i> , 2012, 8, 635-646.	4.9	128
1392	PET/MRI for Neurologic Applications. <i>Journal of Nuclear Medicine</i> , 2012, 53, 1916-1925.	2.8	237
1393	Metabolic Brain Covariant Networks as Revealed by FDG-PET with Reference to Resting-State fMRI Networks. <i>Brain Connectivity</i> , 2012, 2, 275-283.	0.8	129
1394	Independent Component Analysis of Localized Resting-State Functional Magnetic Resonance Imaging Reveals Specific Motor Subnetworks. <i>Brain Connectivity</i> , 2012, 2, 218-224.	0.8	15
1396	A review of functional magnetic resonance imaging for Brainnetome. <i>Neuroscience Bulletin</i> , 2012, 28, 389-398.	1.5	18
1397	Low-frequency fluctuation in continuous real-time feedback of finger force: a new paradigm for sustained attention. <i>Neuroscience Bulletin</i> , 2012, 28, 456-467.	1.5	18
1398	Resting-state fMRI studies in epilepsy. <i>Neuroscience Bulletin</i> , 2012, 28, 449-455.	1.5	39
1399	Assessing brain connectivity at rest is clinically relevant in early multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2012, 18, 1251-1258.	1.4	133
1400	Individual variability in functional connectivity predicts performance of a perceptual task. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 3516-3521.	3.3	235
1401	EEG Alpha Power Modulation of fMRI Resting-State Connectivity. <i>Brain Connectivity</i> , 2012, 2, 254-264.	0.8	164
1402	Role of Functional Brain Imaging in Understanding Rheumatic Pain. <i>Current Rheumatology Reports</i> , 2012, 14, 557-567.	2.1	26
1404	Brain Imaging in Behavioral Neuroscience. <i>Current Topics in Behavioral Neurosciences</i> , 2012, , .	0.8	3
1405	Exploring the effective connectivity of resting state networks in Mild Cognitive Impairment: An fMRI study combining ICA and multivariate Granger causality analysis. , 2012, 2012, 5454-7.		13
1406	Disrupted Functional Brain Connectivity in Partial Epilepsy: A Resting-State fMRI Study. <i>PLoS ONE</i> , 2012, 7, e28196.	1.1	107

#	ARTICLE	IF	CITATIONS
1407	Comprehensive in vivo Mapping of the Human Basal Ganglia and Thalamic Connectome in Individuals Using 7T MRI. PLoS ONE, 2012, 7, e29153.	1.1	159
1408	Effects of Different Correlation Metrics and Preprocessing Factors on Small-World Brain Functional Networks: A Resting-State Functional MRI Study. PLoS ONE, 2012, 7, e32766.	1.1	163
1409	Local Signal Time-Series during Rest Used for Areal Boundary Mapping in Individual Human Brains. PLoS ONE, 2012, 7, e36496.	1.1	25
1410	Musical Training Induces Functional Plasticity in Perceptual and Motor Networks: Insights from Resting-State fMRI. PLoS ONE, 2012, 7, e36568.	1.1	102
1411	Pattern Classification of Large-Scale Functional Brain Networks: Identification of Informative Neuroimaging Markers for Epilepsy. PLoS ONE, 2012, 7, e36733.	1.1	83
1412	Connectivity of Default-Mode Network Is Associated with Cerebral Edema in Hepatic Encephalopathy. PLoS ONE, 2012, 7, e36986.	1.1	28
1413	Variance and Autocorrelation of the Spontaneous Slow Brain Activity. PLoS ONE, 2012, 7, e38131.	1.1	28
1414	Clustering of Resting State Networks. PLoS ONE, 2012, 7, e40370.	1.1	162
1415	Abnormalities of Resting State Functional Connectivity Are Related to Sustained Attention Deficits in MS. PLoS ONE, 2012, 7, e42862.	1.1	59
1416	Altered Spontaneous Activity in Anisometropic Amblyopia Subjects: Revealed by Resting-State fMRI. PLoS ONE, 2012, 7, e43373.	1.1	44
1417	Resting State Functional Connectivity in Patients with Chronic Hallucinations. PLoS ONE, 2012, 7, e43516.	1.1	86
1418	Consistency of Network Modules in Resting-State fMRI Connectome Data. PLoS ONE, 2012, 7, e44428.	1.1	138
1419	Decoding Lifespan Changes of the Human Brain Using Resting-State Functional Connectivity MRI. PLoS ONE, 2012, 7, e44530.	1.1	100
1420	Functional and Anatomical Connectivity Abnormalities in Cognitive Division of Anterior Cingulate Cortex in Schizophrenia. PLoS ONE, 2012, 7, e45659.	1.1	71
1421	Preserved Self-Awareness following Extensive Bilateral Brain Damage to the Insula, Anterior Cingulate, and Medial Prefrontal Cortices. PLoS ONE, 2012, 7, e38413.	1.1	101
1422	scMRI Reveals Large-Scale Brain Network Abnormalities in Autism. PLoS ONE, 2012, 7, e49172.	1.1	73
1423	Age-Related Differences in Test-Retest Reliability in Resting-State Brain Functional Connectivity. PLoS ONE, 2012, 7, e49847.	1.1	92
1424	Resting-State Connectivity of the Sustained Attention Network Correlates with Disease Duration in Idiopathic Generalized Epilepsy. PLoS ONE, 2012, 7, e50359.	1.1	23

#	ARTICLE	IF	CITATIONS
1425	Altered Baseline Brain Activity with 72 h of Simulated Microgravity â€“ Initial Evidence from Resting-State fMRI. PLoS ONE, 2012, 7, e52558.	1.1	31
1426	Intrinsic Brain Network Abnormalities in Migraines without Aura Revealed in Resting-State fMRI. PLoS ONE, 2012, 7, e52927.	1.1	165
1427	Detection of hemorrhagic and axonal pathology in mild traumatic brain injury using advanced MRI: Implications for neurorehabilitation. NeuroRehabilitation, 2012, 31, 261-279.	0.5	65
1428	Resting State Networks and Consciousness. Frontiers in Psychology, 2012, 3, 295.	1.1	226
1429	Exploring the Psychosis Functional Connectome: Aberrant Intrinsic Networks in Schizophrenia and Bipolar Disorder. Frontiers in Psychiatry, 2011, 2, 75.	1.3	181
1430	Mapping the Alzheimerâ€™s Brain with Connectomics. Frontiers in Psychiatry, 2011, 2, 77.	1.3	102
1431	Connectomic Intermediate Phenotypes for Psychiatric Disorders. Frontiers in Psychiatry, 2012, 3, 32.	1.3	90
1432	Antipsychotic Drugs Alter Functional Connectivity between the Medial Frontal Cortex, Hippocampus, and Nucleus Accumbens as Measured by H215O PET. Frontiers in Psychiatry, 2012, 3, 105.	1.3	33
1433	Neuroscientific Applications of High-Field MRI in Humans. Medical Radiology, 2012, , 137-149.	0.0	5
1434	Perspectives for Multimodal Neurochemical and Imaging Biomarkers in Alzheimer's Disease. Journal of Alzheimer's Disease, 2012, 33, S329-S347.	1.2	21
1435	Coping with brief periods of food restriction: mindfulness matters. Frontiers in Aging Neuroscience, 2012, 4, 13.	1.7	18
1436	Monkey in the middle: why non-human primates are needed to bridge the gap in resting-state investigations. Frontiers in Neuroanatomy, 2012, 6, 29.	0.9	126
1437	Resting state cortico-cerebellar functional connectivity networks: a comparison of anatomical and self-organizing map approaches. Frontiers in Neuroanatomy, 2012, 6, 31.	0.9	221
1438	A compact and realistic cerebral cortical layout derived from prewhitened resting-state fMRI time series: Cherniak's adjacency rule, size law, and metamodule grouping upheld. Frontiers in Neuroanatomy, 2012, 6, 36.	0.9	10
1439	How anatomy shapes dynamics: a semi-analytical study of the brain at rest by a simple spin model. Frontiers in Computational Neuroscience, 2012, 6, 68.	1.2	116
1440	Inter-Trial Variability in Sensory-Evoked Cortical Hemodynamic Responses: The Role of the Magnitude of Pre-Stimulus Fluctuations. Frontiers in Neuroenergetics, 2012, 4, 10.	5.3	4
1441	Functional connectivity studies of patients with auditory verbal hallucinations. Frontiers in Human Neuroscience, 2012, 6, 6.	1.0	54
1442	Hard to â€œtune inâ€: neural mechanisms of live face-to-face interaction with high-functioning autistic spectrum disorder. Frontiers in Human Neuroscience, 2012, 6, 268.	1.0	76

#	ARTICLE	IF	CITATIONS
1443	Fully exploratory network independent component analysis of the 1000 functional connectomes database. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 301.	1.0	55
1444	Correspondence between structure and function in the human brain at rest. <i>Frontiers in Neuroinformatics</i> , 2012, 6, 10.	1.3	153
1445	Prediction of Task-Related BOLD fMRI with Amplitude Signatures of Resting-State fMRI. <i>Frontiers in Systems Neuroscience</i> , 2012, 6, 7.	1.2	67
1446	Connectivity Concordance Mapping: A New Tool for Model-Free Analysis of fMRI Data of the Human Brain. <i>Frontiers in Systems Neuroscience</i> , 2012, 6, 13.	1.2	7
1447	MR connectomics: a conceptual framework for studying the developing brain. <i>Frontiers in Systems Neuroscience</i> , 2012, 6, 43.	1.2	83
1448	ADHD-200 Global Competition: diagnosing ADHD using personal characteristic data can outperform resting state fMRI measurements. <i>Frontiers in Systems Neuroscience</i> , 2012, 6, 69.	1.2	139
1449	Kernel Principal Component Analysis for dimensionality reduction in fMRI-based diagnosis of ADHD. <i>Frontiers in Systems Neuroscience</i> , 2012, 6, 74.	1.2	64
1450	Functional MRI in pre-surgical planning: Case study and cautionary notes. <i>South African Journal of Radiology</i> , 2012, 16, 107-110.	0.1	0
1451	Neuronal Networks Observed with Resting State Functional Magnetic Resonance Imaging in Clinical Populations. , 0, , .		6
1452	Impaired Small-World Network Efficiency and Dynamic Functional Distribution in Patients with Cirrhosis. <i>PLoS ONE</i> , 2012, 7, e35266.	1.1	43
1453	fMRI for the Assessment of Functional Connectivity. , 0, , .		7
1454	Detection of inter-hemispheric functional connectivity in motor cortex with coherence analysis. <i>Journal of the European Optical Society-Rapid Publications</i> , 0, 7, .	0.9	9
1456	Referring to localized cognitive operations in parts of dynamically active brains. , 0, , 262-284.		1
1457	Visualization of restingâ€state networks <i>in utero</i>. <i>Ultrasound in Obstetrics and Gynecology</i> , 2012, 39, 487-488.	0.9	13
1458	Resting-State Connectivity Identifies Distinct Functional Networks in Macaque Cingulate Cortex. <i>Cerebral Cortex</i> , 2012, 22, 1294-1308.	1.6	61
1459	Functional connectivity in cortical regions in dementia with Lewy bodies and Alzheimer's disease. <i>Brain</i> , 2012, 135, 569-581.	3.7	99
1460	Alzheimer Disease: New Concepts on Its Neurobiology and the Clinical Role Imaging Will Play. <i>Radiology</i> , 2012, 263, 344-361.	3.6	192
1461	Large-scale cortical correlation structure of spontaneous oscillatory activity. <i>Nature Neuroscience</i> , 2012, 15, 884-890.	7.1	989

#	ARTICLE	IF	CITATIONS
1462	Resting functional connectivity of language networks: characterization and reproducibility. <i>Molecular Psychiatry</i> , 2012, 17, 841-854.	4.1	217
1463	Stepwise Connectivity of the Modal Cortex Reveals the Multimodal Organization of the Human Brain. <i>Journal of Neuroscience</i> , 2012, 32, 10649-10661.	1.7	253
1464	Test-retest stability analysis of resting brain activity revealed by blood oxygen level-dependent functional MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 36, 344-354.	1.9	95
1465	Magnetic resonance imaging of the substantia nigra in Parkinson's disease. <i>Movement Disorders</i> , 2012, 27, 822-830.	2.2	80
1466	Investigation of the effective connectivity of resting state networks in Alzheimer's disease: a functional MRI study combining independent components analysis and multivariate Granger causality analysis. <i>NMR in Biomedicine</i> , 2012, 25, 1311-1320.	1.6	56
1467	Functional connectivity and neurological recovery. <i>Developmental Psychobiology</i> , 2012, 54, 239-253.	0.9	77
1468	Identifying the default-mode component in spatial IC analyses of patients with disorders of consciousness. <i>Human Brain Mapping</i> , 2012, 33, 778-796.	1.9	128
1469	Gender differences in brain functional connectivity density. <i>Human Brain Mapping</i> , 2012, 33, 849-860.	1.9	251
1470	Functional alterations of large-scale brain networks related to cognitive control in obsessive-compulsive disorder. <i>Human Brain Mapping</i> , 2012, 33, 1089-1106.	1.9	76
1471	Resting-state networks in awake five- to eight-year old children. <i>Human Brain Mapping</i> , 2012, 33, 1189-1201.	1.9	131
1472	Resting state basal ganglia network in idiopathic generalized epilepsy. <i>Human Brain Mapping</i> , 2012, 33, 1279-1294.	1.9	115
1473	Neural basis of the association between depressive symptoms and memory deficits in nondemented subjects: resting-state fMRI study. <i>Human Brain Mapping</i> , 2012, 33, 1352-1363.	1.9	43
1474	Independent component analysis of DTI reveals multivariate microstructural correlations of white matter in the human brain. <i>Human Brain Mapping</i> , 2012, 33, 1431-1451.	1.9	43
1475	Characterization of neuromagnetic brain rhythms over time scales of minutes using spatial independent component analysis. <i>Human Brain Mapping</i> , 2012, 33, 1648-1662.	1.9	36
1476	Using spatial multiple regression to identify intrinsic connectivity networks involved in working memory performance. <i>Human Brain Mapping</i> , 2012, 33, 1536-1552.	1.9	62
1477	The relationship between regional and inter-regional functional connectivity deficits in schizophrenia. <i>Human Brain Mapping</i> , 2012, 33, 2535-2549.	1.9	96
1478	Intrinsic functional connectivity of the human medial temporal lobe suggests a distinction between adjacent MTL cortices and hippocampus. <i>Hippocampus</i> , 2012, 22, 2290-2302.	0.9	31
1479	Functional MRI and Diffusion Tensor Imaging of Brain Reorganization After Experimental Stroke. <i>Translational Stroke Research</i> , 2012, 3, 36-43.	2.3	99

#	ARTICLE	IF	CITATIONS
1480	Multimodal MRI of Nonhuman Primate Stroke. <i>Translational Stroke Research</i> , 2012, 3, 84-89.	2.3	3
1482	Neuroimaging of Wernicke's Encephalopathy and Korsakoff's Syndrome. <i>Neuropsychology Review</i> , 2012, 22, 170-180.	2.5	103
1483	Spontaneous brain activity in mild cognitive impairment revealed by amplitude of low-frequency fluctuation analysis: a resting-state fMRI study. <i>Radiologia Medica</i> , 2012, 117, 865-871.	4.7	46
1484	Concussion in athletics: ongoing clinical and brain imaging research controversies. <i>Brain Imaging and Behavior</i> , 2012, 6, 224-243.	1.1	99
1485	Functional MRI of mild traumatic brain injury (mTBI): progress and perspectives from the first decade of studies. <i>Brain Imaging and Behavior</i> , 2012, 6, 193-207.	1.1	135
1486	A Novel Group ICA Approach Based on Multi-scale Individual Component Clustering. Application to a Large Sample of fMRI Data. <i>Neuroinformatics</i> , 2012, 10, 269-285.	1.5	17
1487	Shared genetic influences on ADHD symptoms and very low-frequency EEG activity: a twin study. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2012, 53, 706-715.	3.1	27
1488	fMRI analysis on the GPU's Possibilities and challenges. <i>Computer Methods and Programs in Biomedicine</i> , 2012, 105, 145-161.	2.6	47
1489	Human connectomics. <i>Current Opinion in Neurobiology</i> , 2012, 22, 144-153.	2.0	220
1490	Functional connectivity in the cognitive control network and the default mode network in late-life depression. <i>Journal of Affective Disorders</i> , 2012, 139, 56-65.	2.0	357
1491	Localization of cerebral functional deficits in patients with obsessive-compulsive disorder: A resting-state fMRI study. <i>Journal of Affective Disorders</i> , 2012, 138, 313-321.	2.0	115
1492	Cortical and thalamic resting-state functional connectivity is altered in childhood absence epilepsy. <i>Epilepsy Research</i> , 2012, 99, 327-334.	0.8	55
1493	Connectivity disruptions in resting-state functional brain networks in children with temporal lobe epilepsy. <i>Epilepsy Research</i> , 2012, 100, 168-178.	0.8	47
1494	Research progress on resting state fMRI of epilepsy. <i>Brain and Development</i> , 2012, 34, 8-12.	0.6	13
1495	I remember you: A role for memory in social cognition and the functional neuroanatomy of their interaction. <i>Brain Research</i> , 2012, 1428, 43-50.	1.1	125
1496	Frontoparietal connectivity in substance-naïve youth with and without a family history of alcoholism. <i>Brain Research</i> , 2012, 1432, 66-73.	1.1	61
1497	Moderating effects of music on resting state networks. <i>Brain Research</i> , 2012, 1447, 53-64.	1.1	53
1498	Patterns of altered functional connectivity in mesial temporal lobe epilepsy. <i>Epilepsia</i> , 2012, 53, 1013-1023.	2.6	246

#	ARTICLE	IF	CITATIONS
1499	Metabolic networks in epilepsy by MR spectroscopic imaging. <i>Acta Neurologica Scandinavica</i> , 2012, 126, 411-420.	1.0	21
1500	Granger causality analysis implementation on MATLAB: A graphic user interface toolkit for fMRI data processing. <i>Journal of Neuroscience Methods</i> , 2012, 203, 418-426.	1.3	139
1501	A Fast-FENICA method on resting state fMRI data. <i>Journal of Neuroscience Methods</i> , 2012, 209, 1-12.	1.3	28
1502	Aberrant default mode network in subjects with amnesic mild cognitive impairment using resting-state functional MRI. <i>Magnetic Resonance Imaging</i> , 2012, 30, 48-61.	1.0	69
1503	Tracking cognitive fluctuations with multivoxel pattern time course (MVPTC) analysis. <i>Neuropsychologia</i> , 2012, 50, 479-486.	0.7	13
1504	Abnormal functional connectivity between the anterior cingulate and the default mode network in drug-naïve boys with attention deficit hyperactivity disorder. <i>Psychiatry Research - Neuroimaging</i> , 2012, 201, 120-127.	0.9	147
1505	Group Replicator Dynamics: A Novel Group-Wise Evolutionary Approach for Sparse Brain Network Detection. <i>IEEE Transactions on Medical Imaging</i> , 2012, 31, 576-585.	5.4	13
1506	Lifespan differences in nonlinear dynamics during rest and auditory oddball performance. <i>Developmental Science</i> , 2012, 15, 540-556.	1.3	20
1507	Data driven analysis of low frequency spatio-temporal dynamics in resting state MRI (rsMRI) data. <i>BMC Neuroscience</i> , 2012, 13, .	0.8	0
1508	Coherent spontaneous resting EEG of frontal regions in human brain. <i>BMC Neuroscience</i> , 2012, 13, P25.	0.8	0
1509	Frontal parietal control network regulates the anti-correlated default and dorsal attention networks. <i>Human Brain Mapping</i> , 2012, 33, 192-202.	1.9	176
1510	Relationship between functional connectivity and sensory impairment: Red flag or red herring?. <i>Human Brain Mapping</i> , 2012, 33, 628-638.	1.9	30
1511	A k-space sharing 3D GRASE pseudocontinuous ASL method for whole-brain resting-state functional connectivity. <i>International Journal of Imaging Systems and Technology</i> , 2012, 22, 37-43.	2.7	25
1512	Spontaneous brain activity changes in children with primary monosymptomatic nocturnal enuresis: A resting-state fMRI study. <i>Neurourology and Urodynamics</i> , 2012, 31, 99-104.	0.8	38
1513	Regional homogeneity abnormalities in patients with interictal migraine without aura: a resting-state study. <i>NMR in Biomedicine</i> , 2012, 25, 806-812.	1.6	95
1514	Estimating non-gaussian diffusion model parameters in the presence of physiological noise and rician signal bias. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 35, 181-189.	1.9	19
1515	Preserved interhemispheric functional connectivity in a case of corpus callosum agenesis. <i>Neuroradiology</i> , 2012, 54, 177-179.	1.1	14
1516	Neuroimaging biomarkers of preterm brain injury: toward developing the preterm connectome. <i>Pediatric Radiology</i> , 2012, 42, 33-61.	1.1	49

#	ARTICLE	IF	CITATIONS
1518	Low frequency oscillations of response time explain parent ratings of inattention and hyperactivity/impulsivity. <i>European Child and Adolescent Psychiatry</i> , 2012, 21, 101-109.	2.8	9
1519	Impact of meditation training on the default mode network during a restful state. <i>Social Cognitive and Affective Neuroscience</i> , 2013, 8, 4-14.	1.5	231
1520	Dopamine-Dependent Architecture of Cortico-Subcortical Network Connectivity. <i>Cerebral Cortex</i> , 2013, 23, 1509-1516.	1.6	164
1521	Dynamic changes of ICA-derived EEG functional connectivity in the resting state. <i>Human Brain Mapping</i> , 2013, 34, 852-868.	1.9	104
1522	Periods of rest in fMRI contain individual spontaneous events which are related to slowly fluctuating spontaneous activity. <i>Human Brain Mapping</i> , 2013, 34, 1319-1329.	1.9	107
1523	Functional connectivity-based identification of subdivisions of the basal ganglia and thalamus using multilevel independent component analysis of resting state fMRI. <i>Human Brain Mapping</i> , 2013, 34, 1371-1385.	1.9	77
1524	Altered resting-state connectivity during interictal generalized spike-wave discharges in drug-naïve childhood absence epilepsy. <i>Human Brain Mapping</i> , 2013, 34, 1761-1767.	1.9	63
1525	Resting-state networks show dynamic functional connectivity in awake humans and anesthetized macaques. <i>Human Brain Mapping</i> , 2013, 34, 2154-2177.	1.9	667
1526	Mechanical flutter stimulation induces a lasting response in the sensorimotor cortex as revealed with BOLD fMRI. <i>Human Brain Mapping</i> , 2013, 34, 2767-2774.	1.9	12
1527	Functional network connectivity during rest and task conditions: A comparative study. <i>Human Brain Mapping</i> , 2013, 34, 2959-2971.	1.9	99
1528	Changes in resting-state functionally connected parietofrontal networks after videogame practice. <i>Human Brain Mapping</i> , 2013, 34, 3143-3157.	1.9	41
1529	Intrinsic resting-state activity predicts working memory brain activation and behavioral performance. <i>Human Brain Mapping</i> , 2013, 34, 3204-3215.	1.9	186
1530	Short-time windows of correlation between large-scale functional brain networks predict vigilance intraindividually and interindividually. <i>Human Brain Mapping</i> , 2013, 34, 3280-3298.	1.9	205
1531	Functional anatomy of cortical areas characterized by Von Economo neurons. <i>Brain Structure and Function</i> , 2013, 218, 1-20.	1.2	67
1532	Structural and functional abnormalities in migraine patients without aura. <i>NMR in Biomedicine</i> , 2013, 26, 58-64.	1.6	157
1533	Fine-Granularity Functional Interaction Signatures for Characterization of Brain Conditions. <i>Neuroinformatics</i> , 2013, 11, 301-317.	1.5	11
1534	Inferring functional connectivity in MRI using Bayesian network structure learning with a modified PC algorithm. <i>NeuroImage</i> , 2013, 75, 165-175.	2.1	32
1535	Circadian Rhythms, Sleep Deprivation, and Human Performance. <i>Progress in Molecular Biology and Translational Science</i> , 2013, 119, 155-190.	0.9	285

#	ARTICLE	IF	CITATIONS
1536	Distinguishing multi-voxel patterns and mean activation: Why, how, and what does it tell us?. Cognitive, Affective and Behavioral Neuroscience, 2013, 13, 667-673.	1.0	106
1537	Abnormal baseline brain activity in patients with HBV-related cirrhosis without overt hepatic encephalopathy revealed by resting-state functional MRI. Metabolic Brain Disease, 2013, 28, 485-492.	1.4	29
1538	Insula's functional connectivity with ventromedial prefrontal cortex mediates the impact of trait alexithymia on state tobacco craving. Psychopharmacology, 2013, 228, 143-155.	1.5	80
1539	Functional brain hubs and their test-retest reliability: A multiband resting-state functional MRI study. NeuroImage, 2013, 83, 969-982.	2.1	176
1540	The development of regional functional connectivity in preterm infants into early childhood. Neuroradiology, 2013, 55, 105-111.	1.1	42
1541	Functional reorganization associated with outcome in hand function after stroke revealed by regional homogeneity. Neuroradiology, 2013, 55, 761-770.	1.1	35
1542	On Mind Wandering, Attention, Brain Networks, and Meditation. Explore: the Journal of Science and Healing, 2013, 9, 136-141.	0.4	49
1543	Neuroimaging of Movement Disorders. , 2013, , .		1
1544	Principal components of functional connectivity: A new approach to study dynamic brain connectivity during rest. NeuroImage, 2013, 83, 937-950.	2.1	367
1546	Control-related systems in the human brain. Current Opinion in Neurobiology, 2013, 23, 223-228.	2.0	292
1547	The effect of resting condition on resting-state fMRI reliability and consistency: A comparison between resting with eyes open, closed, and fixated. NeuroImage, 2013, 78, 463-473.	2.1	334
1548	Diagnostic Approach to Functional Recovery: Functional Magnetic Resonance Imaging after Stroke. Frontiers of Neurology and Neuroscience, 2013, 32, 9-25.	3.0	7
1549	Stimulus detection rate and latency, firing rates and 40Hz oscillatory power are modulated by infra-slow fluctuations in a bistable attractor network model. NeuroImage, 2013, 83, 458-471.	2.1	13
1550	Total activation: fMRI deconvolution through spatio-temporal regularization. NeuroImage, 2013, 73, 121-134.	2.1	114
1551	ADAPTIVE FILTERING AND RANDOM VARIABLES COEFFICIENT FOR ANALYZING FUNCTIONAL MAGNETIC RESONANCE IMAGING DATA. International Journal of Neural Systems, 2013, 23, 1350011.	3.2	5
1552	Mapping connectivity in the developing brain. International Journal of Developmental Neuroscience, 2013, 31, 525-542.	0.7	72
1553	Brain-Computer Interface Research. Springer Briefs in Electrical and Computer Engineering, 2013, , .	0.3	12
1554	Resting state networks in paroxysmal disorders of consciousness. Epilepsy and Behavior, 2013, 26, 290-294.	0.9	31

#	ARTICLE	IF	CITATIONS
1555	SSRI-Related Modulation of Sexual Functioning is Predicted by Pre-treatment Resting State Functional Connectivity in Healthy Men. Archives of Sexual Behavior, 2013, 42, 935-947.	1.2	13
1556	Noise-induced anti-correlated slow fluctuations in networks of neural populations. BMC Neuroscience, 2013, 14, .	0.8	0
1557	Modeling brain functional connectivity at rest. BMC Neuroscience, 2013, 14, .	0.8	0
1558	Impaired coupling of local and global functional feedbacks underlies abnormal synchronization and negative symptoms of schizophrenia. BMC Systems Biology, 2013, 7, 30.	3.0	9
1559	Antidepressants Normalize the Default Mode Network in Patients With Dysthymia. JAMA Psychiatry, 2013, 70, 373.	6.0	231
1560	APOE-related biomarker profiles in non-pathological aging and early phases of Alzheimer's disease. Neuroscience and Biobehavioral Reviews, 2013, 37, 1322-1335.	2.9	98
1561	Imaging the Brain in Autism. , 2013, , .		20
1562	Dynamical correlation patterns and corresponding community structure in neural spontaneous activity at criticality. Cognitive Neurodynamics, 2013, 7, 381-393.	2.3	1
1563	Eyes-Open/Eyes-Closed Dataset Sharing for Reproducibility Evaluation of Resting State fMRI Data Analysis Methods. Neuroinformatics, 2013, 11, 469-476.	1.5	91
1564	Differentiated parietal connectivity of frontal regions for "what" and "where" memory. Brain Structure and Function, 2013, 218, 1551-1567.	1.2	86
1565	Functional MRI and Outcome in Traumatic Coma. Current Neurology and Neuroscience Reports, 2013, 13, 375.	2.0	33
1566	Local synchronization and amplitude of the fluctuation of spontaneous brain activity in attention-deficit/hyperactivity disorder: a resting-state fMRI study. Neuroscience Bulletin, 2013, 29, 603-613.	1.5	98
1567	Feature-reduction and semi-simulated data in functional connectivity-based cortical parcellation. Neuroscience Bulletin, 2013, 29, 333-347.	1.5	3
1568	The Change of Functional Connectivity Specificity in Rats Under Various Anesthesia Levels and its Neural Origin. Brain Topography, 2013, 26, 363-377.	0.8	99
1569	Intrinsic network abnormalities in posttraumatic stress disorder: Research directions for the next decade.. Psychological Trauma: Theory, Research, Practice, and Policy, 2013, 5, 142-148.	1.4	12
1570	A Survey of the Sources of Noise in fMRI. Psychometrika, 2013, 78, 396-416.	1.2	56
1571	Spatially constrained hierarchical parcellation of the brain with resting-state fMRI. NeuroImage, 2013, 76, 313-324.	2.1	203
1572	Phenotypic Variability in Resting-State Functional Connectivity: Current Status. Brain Connectivity, 2013, 3, 99-120.	0.8	95

#	ARTICLE	IF	CITATIONS
1573	Fibromyalgia interacts with age to change the brain. <i>NeuroImage: Clinical</i> , 2013, 3, 249-260.	1.4	95
1574	Regional homogeneity of resting-state brain abnormalities in bipolar and unipolar depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 41, 52-59.	2.5	68
1575	Multi-site reproducibility of prefrontal-hippocampal connectivity estimates by stochastic DCM. <i>NeuroImage</i> , 2013, 82, 555-563.	2.1	25
1576	Wavelet-transformed temporal cerebral blood flow signals during attempted inhibition of cue-induced cocaine craving distinguish prognostic phenotypes. <i>Drug and Alcohol Dependence</i> , 2013, 128, 140-147.	1.6	15
1577	Comparison of spatial and temporal independent component analyses of electroencephalographic data: A simulation study. <i>Clinical Neurophysiology</i> , 2013, 124, 1557-1569.	0.7	7
1578	The human brain pacemaker: Synchronized infra-slow neurovascular coupling in patients undergoing non-pulsatile cardiopulmonary bypass. <i>NeuroImage</i> , 2013, 72, 10-19.	2.1	12
1579	Neurocognitive biases and the patterns of spontaneous correlations in the human cortex. <i>Trends in Cognitive Sciences</i> , 2013, 17, 606-615.	4.0	109
1580	Blood Oxygenation Level-dependent/Functional Magnetic Resonance Imaging. <i>PET Clinics</i> , 2013, 8, 329-344.	1.5	7
1581	Functional network architecture of reading-related regions across development. <i>Brain and Language</i> , 2013, 125, 231-243.	0.8	68
1582	Resting state functional connectivity associated with trait emotional intelligence. <i>NeuroImage</i> , 2013, 83, 318-328.	2.1	52
1583	The amplitude of the resting-state fMRI global signal is related to EEG vigilance measures. <i>NeuroImage</i> , 2013, 83, 983-990.	2.1	248
1584	Groupwise whole-brain parcellation from resting-state fMRI data for network node identification. <i>NeuroImage</i> , 2013, 82, 403-415.	2.1	858
1585	Resting state neural networks for visual Chinese word processing in Chinese adults and children. <i>Neuropsychologia</i> , 2013, 51, 1571-1583.	0.7	13
1586	Difference in amplitude of low-frequency fluctuation between currently depressed and remitted females with major depressive disorder. <i>Brain Research</i> , 2013, 1540, 74-83.	1.1	57
1587	Track-weighted functional connectivity (TW-FC): A tool for characterizing the structural-functional connections in the brain. <i>NeuroImage</i> , 2013, 70, 199-210.	2.1	40
1588	Causal effect of disconnection lesions on interhemispheric functional connectivity in rhesus monkeys. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 13982-13987.	3.3	195
1589	Altered resting-state functional connectivity of the dentate nucleus in Parkinson's disease. <i>Psychiatry Research - Neuroimaging</i> , 2013, 211, 64-71.	0.9	45
1590	Investigating univariate temporal patterns for intrinsic connectivity networks based on complexity and low-frequency oscillation: A test-retest reliability study. <i>Neuroscience</i> , 2013, 254, 404-426.	1.1	25

#	ARTICLE	IF	CITATIONS
1591	The Impact of NMDA Receptor Blockade on Human Working Memory-Related Prefrontal Function and Connectivity. <i>Neuropsychopharmacology</i> , 2013, 38, 2613-2622.	2.8	133
1592	Structural and Functional Brain Networks: From Connections to Cognition. <i>Science</i> , 2013, 342, 1238411.	6.0	1,543
1594	Human Connectome Project informatics: Quality control, database services, and data visualization. <i>NeuroImage</i> , 2013, 80, 202-219.	2.1	356
1595	Frequency distribution of causal connectivity in rat sensorimotor network: resting-state fMRI analyses. <i>Journal of Neurophysiology</i> , 2013, 109, 238-248.	0.9	11
1596	Identifying major depressive disorder using Hurst exponent of resting-state brain networks. <i>Psychiatry Research - Neuroimaging</i> , 2013, 214, 306-312.	0.9	81
1597	Resting state functional connectivity and treatment response in late-life depression. <i>Psychiatry Research - Neuroimaging</i> , 2013, 214, 313-321.	0.9	128
1598	Dissociation of regional activity in the default mode network in first-episode, drug-naive major depressive disorder at rest. <i>Journal of Affective Disorders</i> , 2013, 151, 1097-1101.	2.0	49
1599	Mapping the structural and functional architecture of the brain. <i>Trends in Cognitive Sciences</i> , 2013, 17, 595.	4.0	2
1600	Dynamics of the brain: Mathematical models and non-invasive experimental studies. <i>European Physical Journal: Special Topics</i> , 2013, 222, 2607-2622.	1.2	7
1601	The Critical Roles of Localization and Physiology for Understanding Parietal Contributions to Memory Retrieval. <i>Neuroscientist</i> , 2013, 19, 578-591.	2.6	22
1602	Understanding DCM: Ten simple rules for the clinician. <i>NeuroImage</i> , 2013, 83, 542-549.	2.1	65
1603	Longitudinal Evaluation of Resting-State fMRI After Acute Stroke With Hemiparesis. <i>Neurorehabilitation and Neural Repair</i> , 2013, 27, 153-163.	1.4	172
1604	Multimodal Brain Image Analysis. <i>Lecture Notes in Computer Science</i> , 2013, , .	1.0	7
1605	Mapping thalamocortical networks in rat brain using resting-state functional connectivity. <i>NeuroImage</i> , 2013, 83, 237-244.	2.1	73
1606	Resting state networks in temporal lobe epilepsy. <i>Epilepsia</i> , 2013, 54, 2048-2059.	2.6	142
1607	Cross-Hemispheric Functional Connectivity in the Human Fetal Brain. <i>Science Translational Medicine</i> , 2013, 5, 173ra24.	5.8	171
1608	Functional connectomics from resting-state fMRI. <i>Trends in Cognitive Sciences</i> , 2013, 17, 666-682.	4.0	802
1609	Relation of Brain Stimulation Induced Changes in MEP Amplitude and BOLD Signal. <i>Brain Stimulation</i> , 2013, 6, 330-339.	0.7	7

#	ARTICLE	IF	CITATIONS
1610	Alterations in functional connectivity between the hippocampus and prefrontal cortex as a correlate of depressive symptoms in temporal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2013, 29, 552-559.	0.9	41
1611	Networks of task co-activations. <i>NeuroImage</i> , 2013, 80, 505-514.	2.1	154
1612	Tackling the multifunctional nature of Broca's region meta-analytically: Co-activation-based parcellation of area 44. <i>NeuroImage</i> , 2013, 83, 174-188.	2.1	154
1613	Aberrant limbic and salience network resting-state functional connectivity in panic disorder without comorbidity. <i>Journal of Affective Disorders</i> , 2013, 145, 29-35.	2.0	92
1614	S1 is Associated with Chronic Low Back Pain: A Functional and Structural MRI Study. <i>Molecular Pain</i> , 2013, 9, 1744-8069-9-43.	1.0	98
1615	Resting state fMRI research in child psychiatric disorders. <i>European Child and Adolescent Psychiatry</i> , 2013, 22, 757-770.	2.8	24
1616	Altered intrinsic brain activity in patients with paroxysmal kinesigenic dyskinesia by PRRT2 mutation. <i>Neurological Sciences</i> , 2013, 34, 1925-1931.	0.9	21
1617	Correlated slow fluctuations in respiration, EEG, and BOLD fMRI. <i>NeuroImage</i> , 2013, 79, 81-93.	2.1	101
1618	Reduced neuro-integration from the dorsolateral prefrontal cortex to the whole brain and executive dysfunction in schizophrenia patients and their relatives. <i>Schizophrenia Research</i> , 2013, 148, 50-58.	1.1	41
1619	Heterogeneous impact of motion on fundamental patterns of developmental changes in functional connectivity during youth. <i>NeuroImage</i> , 2013, 83, 45-57.	2.1	223
1620	Disrupted Functional Brain Connectome in Individuals at Risk for Alzheimer's Disease. <i>Biological Psychiatry</i> , 2013, 73, 472-481.	0.7	378
1621	The spatospectral characterization of brain networks: Fusing concurrent EEG spectra and fMRI maps. <i>NeuroImage</i> , 2013, 69, 101-111.	2.1	54
1622	Neuronal oscillations in the EEG under varying cognitive load: A comparative study between slow waves and faster oscillations. <i>Clinical Neurophysiology</i> , 2013, 124, 247-262.	0.7	17
1623	Improving functional connectivity detection in fMRI by combining sparse dictionary learning and canonical correlation analysis. , 2013, , .		26
1624	Functional connectivity and cannabis use in high-risk adolescents. <i>American Journal of Drug and Alcohol Abuse</i> , 2013, 39, 414-423.	1.1	35
1625	Resting-State Functional Magnetic Resonance Imaging Analysis with Seed Definition Constrained by Regional Homogeneity. <i>Brain Connectivity</i> , 2013, 3, 438-449.	0.8	19
1626	Functional alteration patterns of default mode networks: comparisons of normal aging, amnesic mild cognitive impairment and Alzheimer's disease. <i>European Journal of Neuroscience</i> , 2013, 37, 1916-1924.	1.2	57
1627	Short- and Long-Term Effects of a Novel on Connectivity in the Brain. <i>Brain Connectivity</i> , 2013, 3, 590-600.	0.8	79

#	ARTICLE	IF	CITATIONS
1628	Effects of severing the corpus callosum on electrical and BOLD functional connectivity and spontaneous dynamic activity in the rat brain. <i>Brain Connectivity</i> , 2013, 4, 131011122122002.	0.8	26
1629	Dynamic Properties of Functional Connectivity in the Rodent. <i>Brain Connectivity</i> , 2013, 3, 31-40.	0.8	130
1630	Predictive model for minimal hepatic encephalopathy based on cerebral functional connectivity. , 2013, , .		1
1631	Classification of bipolar disorder using basal-ganglia-related functional connectivity in the resting state. , 2013, 2013, 1057-60.		12
1632	Role of emerging neuroimaging modalities in patients with cognitive impairment: a review from the Canadian Consensus Conference on the Diagnosis and Treatment of Dementia 2012. <i>Alzheimer's Research and Therapy</i> , 2013, 5, S4.	3.0	16
1633	Abnormal neural activity and functional connectivity in amnesic Mild cognitive impairment: A resting state fMRI study. , 2013, , .		4
1634	Changes in intrinsic functional brain networks following blast-induced mild traumatic brain injury. <i>Brain Injury</i> , 2013, 27, 1304-1310.	0.6	84
1635	Brain connectivity: an opening window into addiction. <i>American Journal of Drug and Alcohol Abuse</i> , 2013, 39, 343-344.	1.1	5
1636	RISC'13 Workshop: Keynote speaker 5. , 2013, , .		0
1637	Dysfunctional neural activity and connection patterns in attention deficit hyperactivity disorder: A resting state fMRI study. , 2013, , .		5
1638	Accessible cultural mind-set modulates default mode activity: Evidence for the culturally situated brain. <i>Social Neuroscience</i> , 2013, 8, 203-216.	0.7	74
1639	Divergent brain network connectivity in amyotrophic lateral sclerosis. <i>Neurobiology of Aging</i> , 2013, 34, 419-427.	1.5	133
1640	A novel approach for global noise reduction in resting-state fMRI: APPLECOR. <i>NeuroImage</i> , 2013, 64, 19-31.	2.1	23
1641	Functional Magnetic Resonance Imaging in Basic Acupuncture Research. , 2013, , 89-108.		1
1642	Resting State Functional Connectivity in Preclinical Alzheimer's Disease. <i>Biological Psychiatry</i> , 2013, 74, 340-347.	0.7	413
1643	Morning-evening variation in human brain metabolism and memory circuits. <i>Journal of Neurophysiology</i> , 2013, 109, 1444-1456.	0.9	96
1644	Association between heart rate variability and fluctuations in resting-state functional connectivity. <i>NeuroImage</i> , 2013, 68, 93-104.	2.1	309
1645	The connectivity of functional cores reveals different degrees of segregation and integration in the brain at rest. <i>NeuroImage</i> , 2013, 69, 51-61.	2.1	49

#	ARTICLE	IF	CITATIONS
1646	Late-life depression, mild cognitive impairment and hippocampal functional network architecture. <i>NeuroImage: Clinical</i> , 2013, 3, 311-320.	1.4	25
1647	Abnormal brain synchrony in Down Syndrome. <i>NeuroImage: Clinical</i> , 2013, 2, 703-715.	1.4	111
1648	Intrinsic Coupling Modes: Multiscale Interactions in Ongoing Brain Activity. <i>Neuron</i> , 2013, 80, 867-886.	3.8	418
1649	Early visual learning induces long-lasting connectivity changes during rest in the human brain. <i>NeuroImage</i> , 2013, 77, 148-156.	2.1	36
1650	Is there a cerebellar compensatory effort in first-episode, treatment-naïve major depressive disorder at rest?. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 46, 13-18.	2.5	82
1651	Model for a flexible motor memory based on a self-active recurrent neural network. <i>Human Movement Science</i> , 2013, 32, 880-898.	0.6	5
1652	Disrupted correlation between low frequency power and connectivity strength of resting state brain networks in schizophrenia. <i>Schizophrenia Research</i> , 2013, 143, 165-171.	1.1	70
1653	Functional connectivity in apathy of late-life depression: A preliminary study. <i>Journal of Affective Disorders</i> , 2013, 149, 398-405.	2.0	98
1654	SACICA: A sparse approximation coefficient-based ICA model for functional magnetic resonance imaging data analysis. <i>Journal of Neuroscience Methods</i> , 2013, 216, 49-61.	1.3	34
1655	Functional connectivity fMRI in mouse brain at 7T using isoflurane. <i>Journal of Neuroscience Methods</i> , 2013, 214, 144-148.	1.3	59
1656	Functional magnetic resonance imaging in rodents: an unique tool to study in vivo pharmacologic neuromodulation. <i>Current Opinion in Pharmacology</i> , 2013, 13, 813-820.	1.7	8
1657	Evaluation and calibration of functional network modeling methods based on known anatomical connections. <i>NeuroImage</i> , 2013, 67, 331-343.	2.1	30
1658	Multiphasic modification of intrinsic functional connectivity of the rat brain during increasing levels of propofol. <i>NeuroImage</i> , 2013, 83, 581-592.	2.1	56
1659	Altered topological patterns of large-scale brain functional networks during passive hyperthermia. <i>Brain and Cognition</i> , 2013, 83, 121-131.	0.8	21
1660	Structural and Functional Magnetic Resonance Imaging. <i>PET Clinics</i> , 2013, 8, 407-430.	1.5	1
1661	Preclinical and clinical neural network changes in SCA2 parkinsonism. <i>Parkinsonism and Related Disorders</i> , 2013, 19, 158-164.	1.1	17
1662	Advances in multimodal neuroimaging: Hybrid MRâ€“PET and MRâ€“PETâ€“EEG at 3T and 9.4T. <i>Journal of Magnetic Resonance</i> , 2013, 229, 101-115.	1.2	67
1663	Bilateral basal ganglia activity in verbal working memory. <i>Brain and Language</i> , 2013, 125, 316-323.	0.8	46

#	ARTICLE	IF	CITATIONS
1664	Resting state functional connectivity of five neural networks in bipolar disorder and schizophrenia. <i>Journal of Affective Disorders</i> , 2013, 150, 601-609.	2.0	125
1665	Increased power spectral density in resting-state pain-related brain networks in fibromyalgia. <i>Pain</i> , 2013, 154, 1792-1797.	2.0	62
1666	Intrinsic connectivity network mapping in young children during natural sleep. <i>NeuroImage</i> , 2013, 83, 288-293.	2.1	19
1667	Relationships between years of education and gray matter volume, metabolism and functional connectivity in healthy elders. <i>NeuroImage</i> , 2013, 83, 450-457.	2.1	234
1668	Default mode network interference in mild traumatic brain injury – A pilot resting state study. <i>Brain Research</i> , 2013, 1537, 201-215.	1.1	99
1669	The Cerebellum and Cognitive Function: 25 Years of Insight from Anatomy and Neuroimaging. <i>Neuron</i> , 2013, 80, 807-815.	3.8	905
1670	Inter-subject alignment of human cortical anatomy using functional connectivity. <i>NeuroImage</i> , 2013, 81, 400-411.	2.1	94
1671	Navigating Into the Future or Driven by the Past. <i>Perspectives on Psychological Science</i> , 2013, 8, 119-141.	5.2	532
1672	Abnormal amplitude low-frequency oscillations in medication-naïve, first-episode patients with major depressive disorder: A resting-state fMRI study. <i>Journal of Affective Disorders</i> , 2013, 146, 401-406.	2.0	231
1673	Brain Development in Infants Born Preterm: Looking Beyond Injury. <i>Seminars in Pediatric Neurology</i> , 2013, 20, 65-74.	1.0	32
1674	Perturbations of neural circuitry in aging, mild cognitive impairment, and Alzheimer's disease. <i>Ageing Research Reviews</i> , 2013, 12, 823-831.	5.0	89
1675	Age effect on the default mode network, inner thoughts, and cognitive abilities. <i>Neurobiology of Aging</i> , 2013, 34, 1292-1301.	1.5	114
1676	Classifying fMRI-derived resting-state connectivity patterns according to their daily rhythmicity. <i>NeuroImage</i> , 2013, 71, 298-306.	2.1	69
1677	Natural Scenes Viewing Alters the Dynamics of Functional Connectivity in the Human Brain. <i>Neuron</i> , 2013, 79, 782-797.	3.8	175
1678	Adding dynamics to the Human Connectome Project with MEG. <i>NeuroImage</i> , 2013, 80, 190-201.	2.1	189
1679	Functional brain connectivity and cognition: effects of adult age and task demands. <i>Neurobiology of Aging</i> , 2013, 34, 1925-1934.	1.5	28
1680	Neural correlates of time-varying functional connectivity in the rat. <i>NeuroImage</i> , 2013, 83, 826-836.	2.1	114
1681	EEG acquisition in ultra-high static magnetic fields up to 9.4T. <i>NeuroImage</i> , 2013, 68, 214-220.	2.1	32

#	ARTICLE	IF	CITATIONS
1682	Altered baseline brain activity in type 2 diabetes: A resting-state fMRI study. <i>Psychoneuroendocrinology</i> , 2013, 38, 2493-2501.	1.3	124
1683	Neurometrics of intrinsic connectivity networks at rest using fMRI: Retest reliability and cross-validation using a meta-level method. <i>NeuroImage</i> , 2013, 76, 236-251.	2.1	55
1684	Adolescent cognitive control and reward processing: Implications for risk taking and substance use. <i>Hormones and Behavior</i> , 2013, 64, 333-342.	1.0	113
1685	A Selective Insular Perfusion Deficit Contributes to Compromised Salience Network Connectivity in Recovering Alcoholic Men. <i>Biological Psychiatry</i> , 2013, 74, 547-555.	0.7	76
1686	Disrupted cortico-cerebellar connectivity in older adults. <i>NeuroImage</i> , 2013, 83, 103-119.	2.1	96
1687	The role of prestimulus activity in visual extinction. <i>Neuropsychologia</i> , 2013, 51, 1630-1637.	0.7	3
1688	Variant in OXTR gene and functional connectivity of the hypothalamus in normal subjects. <i>NeuroImage</i> , 2013, 81, 199-204.	2.1	36
1689	Functional network connectivity in the behavioral variant of frontotemporal dementia. <i>Cortex</i> , 2013, 49, 2389-2401.	1.1	182
1690	The effect of scan length on the reliability of resting-state fMRI connectivity estimates. <i>NeuroImage</i> , 2013, 83, 550-558.	2.1	707
1691	Fractional amplitude of low-frequency fluctuation changes in functional dyspepsia: A resting-state fMRI study. <i>Magnetic Resonance Imaging</i> , 2013, 31, 996-1000.	1.0	27
1692	Task- and resting-state functional connectivity of brain regions related to affection and susceptible to concurrent cognitive demand. <i>NeuroImage</i> , 2013, 72, 69-82.	2.1	19
1693	Intracranial EEG evaluation of relationship within a resting state network. <i>Clinical Neurophysiology</i> , 2013, 124, 1943-1951.	0.7	13
1694	Where color rests: Spontaneous brain activity of bilateral fusiform and lingual regions predicts object color knowledge performance. <i>NeuroImage</i> , 2013, 76, 252-263.	2.1	58
1695	Alterations in resting functional connectivity due to recent motor task. <i>NeuroImage</i> , 2013, 78, 316-324.	2.1	71
1696	Apathy, depression, and motor symptoms have distinct and separable resting activity patterns in idiopathic Parkinson disease. <i>NeuroImage</i> , 2013, 81, 484-495.	2.1	135
1697	Down-Regulation of Amygdala and Insula Functional Circuits by Varenicline and Nicotine in Abstinent Cigarette Smokers. <i>Biological Psychiatry</i> , 2013, 74, 538-546.	0.7	120
1698	In vivo functional calcium imaging of induced or spontaneous activity in the fly brain using a GFP-apoaequorin-based bioluminescent approach. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 1632-1640.	1.9	12
1699	Impaired and facilitated functional networks in temporal lobe epilepsy. <i>NeuroImage: Clinical</i> , 2013, 2, 862-872.	1.4	111

#	ARTICLE	IF	CITATIONS
1700	Neural underpinnings of behavioural strategies that prioritize either cognitive task performance or pain. <i>Pain</i> , 2013, 154, 2060-2071.	2.0	59
1701	Decreased and increased cerebral regional homogeneity in early Parkinson's disease. <i>Brain Research</i> , 2013, 1527, 230-237.	1.1	55
1702	Altered cerebellar cerebral resting-state functional connectivity reliably identifies major depressive disorder. <i>Brain Research</i> , 2013, 1495, 86-94.	1.1	79
1703	Resting state functional connectivity reflects abnormal task-activated patterns in a developmental object agnosic. <i>NeuroImage</i> , 2013, 70, 189-198.	2.1	24
1704	Catechol-O-methyltransferase (COMT) influences the connectivity of the prefrontal cortex at rest. <i>NeuroImage</i> , 2013, 68, 49-54.	2.1	52
1705	Ventral medial prefrontal functional connectivity and emotion regulation in chronic schizophrenia: A pilot study. <i>Neuroscience Bulletin</i> , 2013, 29, 59-74.	1.5	44
1706	Functional connectivity of the cortical swallowing network in humans. <i>NeuroImage</i> , 2013, 76, 33-44.	2.1	34
1707	Cerebral network disorders after stroke: evidence from imaging based connectivity analyses of active and resting brain states in humans. <i>Journal of Physiology</i> , 2013, 591, 17-31.	1.3	221
1708	Infraslow LFP correlates to resting-state fMRI BOLD signals. <i>NeuroImage</i> , 2013, 74, 288-297.	2.1	234
1709	Quantification of Network Perfusion in ASL Cerebral Blood Flow Data with Seed Based and ICA Approaches. <i>Brain Topography</i> , 2013, 26, 569-580.	0.8	25
1710	Translational Neuroimaging for Drug Discovery and Development in Autism Spectrum Disorders. , 2013, , 245-280.		0
1711	Neural systems approaches to understanding major depressive disorder: An intrinsic functional organization perspective. <i>Neurobiology of Disease</i> , 2013, 52, 4-11.	2.1	259
1712	Superiority illusion arises from resting-state brain networks modulated by dopamine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 4363-4367.	3.3	30
1713	Neuronal long-range temporal correlations and avalanche dynamics are correlated with behavioral scaling laws. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 3585-3590.	3.3	395
1714	Retinotopic Patterns of Correlated Fluctuations in Visual Cortex Reflect the Dynamics of Spontaneous Perceptual Suppression. <i>Journal of Neuroscience</i> , 2013, 33, 2188-2198.	1.7	36
1715	Reliability and spatial specificity of rat brain sensorimotor functional connectivity networks are superior under sedation compared with general anesthesia. <i>NMR in Biomedicine</i> , 2013, 26, 638-650.	1.6	74
1716	New Approaches to Understand Cognitive Changes Associated With Chemotherapy for Non-Central Nervous System Tumors. <i>Journal of Pain and Symptom Management</i> , 2013, 46, 707-721.	0.6	41
1717	Extrauterine environment influences spontaneous low-frequency oscillations in the preterm brain. <i>Brain and Development</i> , 2013, 35, 17-25.	0.6	6

#	ARTICLE	IF	CITATIONS
1718	Resting brains never rest: computational insights into potential cognitive architectures. Trends in Neurosciences, 2013, 36, 268-274.	4.2	321
1719	â€œMore Is Differentâ€•in Functional Magnetic Resonance Imaging: A Review of Recent Data Analysis Techniques. Brain Connectivity, 2013, 3, 223-239.	0.8	20
1720	Volitional eyes opening perturbs brain dynamics and functional connectivity regardless of light input. NeuroImage, 2013, 69, 21-34.	2.1	99
1721	The contribution of electrophysiology to functional connectivity mapping. NeuroImage, 2013, 80, 297-306.	2.1	79
1722	Resting-state fMRI confounds and cleanup. NeuroImage, 2013, 80, 349-359.	2.1	598
1723	Functional Networks in Temporal-Lobe Epilepsy: A Voxel-Wise Study of Resting-State Functional Connectivity and Gray-Matter Concentration. Brain Connectivity, 2013, 3, 22-30.	0.8	32
1724	Altered Effective Connectivity of the Default Mode Network in Resting-State Amnesic Type Mild Cognitive Impairment. Journal of the International Neuropsychological Society, 2013, 19, 400-409.	1.2	37
1725	Functional connectivity and oscillatory neuronal activity in the resting human brain. Neuroscience, 2013, 240, 297-309.	1.1	56
1726	State-dependent differences between functional and effective connectivity of the human cortical motor system. NeuroImage, 2013, 67, 237-246.	2.1	54
1727	Biophysical network models and the human connectome. NeuroImage, 2013, 80, 330-338.	2.1	78
1728	The parcellation-based connectome: Limitations and extensions. NeuroImage, 2013, 80, 397-404.	2.1	272
1729	Learning and comparing functional connectomes across subjects. NeuroImage, 2013, 80, 405-415.	2.1	185
1730	Brain Connectivity and Visual Attention. Brain Connectivity, 2013, 3, 317-338.	0.8	84
1731	Mapping the dynamic repertoire of the resting brain. NeuroImage, 2013, 78, 448-462.	2.1	11
1732	Real-time fMRI neurofeedback: Progress and challenges. NeuroImage, 2013, 76, 386-399.	2.1	398
1733	Clinical applications of the functional connectome. NeuroImage, 2013, 80, 527-540.	2.1	288
1734	Comparing connectivity pattern and small-world organization between structural correlation and resting-state networks in healthy adults. NeuroImage, 2013, 78, 402-414.	2.1	51
1735	A pairwise maximum entropy model accurately describes resting-state human brain networks. Nature Communications, 2013, 4, 1370.	5.8	134

#	ARTICLE	IF	CITATIONS
1736	Frequency specific interactions of MEG resting state activity within and across brain networks as revealed by the multivariate interaction measure. <i>NeuroImage</i> , 2013, 79, 172-183.	2.1	118
1737	Application of Partial Directed Coherence to the Analysis of Resting-State EEG-fMRI Data. <i>Brain Connectivity</i> , 2013, 3, 563-568.	0.8	15
1738	Estimation of resting-state functional connectivity using random subspace based partial correlation: A novel method for reducing global artifacts. <i>NeuroImage</i> , 2013, 82, 87-100.	2.1	16
1739	Decreased interhemispheric resting-state functional connectivity in first-episode, drug-naive major depressive disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 41, 24-29.	2.5	121
1740	Characterization of the temporo-parietal junction by combining data-driven parcellation, complementary connectivity analyses, and functional decoding. <i>NeuroImage</i> , 2013, 81, 381-392.	2.1	250
1741	Resting-state fMRI in the Human Connectome Project. <i>NeuroImage</i> , 2013, 80, 144-168.	2.1	1,367
1742	a-tDCS Differential Modulation of Corticospinal Excitability: The Effects of Electrode Size. <i>Brain Stimulation</i> , 2013, 6, 932-937.	0.7	86
1743	Evaluating the effects of systemic low frequency oscillations measured in the periphery on the independent component analysis results of resting state networks. <i>NeuroImage</i> , 2013, 76, 202-215.	2.1	80
1744	Oscillatory serotonin function in depression. <i>Synapse</i> , 2013, 67, 801-820.	0.6	22
1745	Spontaneous Brain Activity Predicts Learning Ability of Foreign Sounds. <i>Journal of Neuroscience</i> , 2013, 33, 9295-9305.	1.7	85
1746	Intrinsic Architecture Underlying the Relations among the Default, Dorsal Attention, and Frontoparietal Control Networks of the Human Brain. <i>Journal of Cognitive Neuroscience</i> , 2013, 25, 74-86.	1.1	570
1747	Dynamic reconfiguration of human brain functional networks through neurofeedback. <i>NeuroImage</i> , 2013, 81, 243-252.	2.1	79
1748	Machine Learning with Brain Graphs: Predictive Modeling Approaches for Functional Imaging in Systems Neuroscience. <i>IEEE Signal Processing Magazine</i> , 2013, 30, 58-70.	4.6	135
1749	Resting-state functional connectivity in normal brain aging. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 384-400.	2.9	498
1750	Dynamic functional connectivity: Promise, issues, and interpretations. <i>NeuroImage</i> , 2013, 80, 360-378.	2.1	2,358
1751	Imaging human connectomes at the macroscale. <i>Nature Methods</i> , 2013, 10, 524-539.	9.0	384
1752	Reduced functional connectivity and asymmetry of the planum temporale in patients with schizophrenia and first-degree relatives. <i>Schizophrenia Research</i> , 2013, 147, 331-338.	1.1	50
1753	Medical image processing on the GPU – Past, present and future. <i>Medical Image Analysis</i> , 2013, 17, 1073-1094.	7.0	321

#	ARTICLE	IF	CITATIONS
1754	Alterations of regional spontaneous neuronal activity and corresponding brain circuit changes during resting state in migraine without aura. <i>NMR in Biomedicine</i> , 2013, 26, 1051-1058.	1.6	98
1755	Graph Theoretical Analysis of Sedation's Effect on Whole Brain Functional System in School-Aged Children. <i>Brain Connectivity</i> , 2013, 3, 177-189.	0.8	6
1756	Differences in resting corticolimbic functional connectivity in bipolar I euthymia. <i>Bipolar Disorders</i> , 2013, 15, 156-166.	1.1	96
1757	What we can and cannot tell about the wiring of the human brain. <i>NeuroImage</i> , 2013, 80, 14-17.	2.1	12
1758	Sustained deep-tissue pain alters functional brain connectivity. <i>Pain</i> , 2013, 154, 1343-1351.	2.0	52
1759	Abnormal network connectivity in frontotemporal dementia: Evidence for prefrontal isolation. <i>Cortex</i> , 2013, 49, 1856-1873.	1.1	170
1760	Opportunities and limitations of intrinsic functional connectivity MRI. <i>Nature Neuroscience</i> , 2013, 16, 832-837.	7.1	821
1761	Reward circuit connectivity relates to delay discounting in children with attention-deficit/hyperactivity disorder. <i>European Neuropsychopharmacology</i> , 2013, 23, 33-45.	0.3	148
1762	Tissue similarity maps (TSMs): A new means of mapping vascular behavior and calculating relative blood volume in perfusion weighted imaging. <i>Magnetic Resonance Imaging</i> , 2013, 31, 481-489.	1.0	13
1763	Structure-function relationship of cerebral networks in experimental neuroscience: Contribution of magnetic resonance imaging. <i>Experimental Neurology</i> , 2013, 242, 65-73.	2.0	13
1764	Resting-State Functional Connectivity Emerges from Structurally and Dynamically Shaped Slow Linear Fluctuations. <i>Journal of Neuroscience</i> , 2013, 33, 11239-11252.	1.7	476
1765	A comprehensive assessment of regional variation in the impact of head micromovements on functional connectomics. <i>NeuroImage</i> , 2013, 76, 183-201.	2.1	1,331
1766	Resting-state connectivity of pre-motor cortex reflects disability in multiple sclerosis. <i>Acta Neurologica Scandinavica</i> , 2013, 128, n/a-n/a.	1.0	33
1767	Visualizing the human connectome. <i>NeuroImage</i> , 2013, 80, 445-461.	2.1	95
1768	Neuroimaging of Dystonia. , 2013, , 165-184.		0
1769	Functional MRI in Idiopathic Parkinson Disease and Parkinsonism. , 2013, , 143-157.		1
1770	Reliability analysis of the resting state can sensitively and specifically identify the presence of Parkinson disease. <i>NeuroImage</i> , 2013, 75, 249-261.	2.1	103
1771	Towards a Speech BCI Using ECoG. <i>Springer Briefs in Electrical and Computer Engineering</i> , 2013, , 93-110.	0.3	4

#	ARTICLE	IF	CITATIONS
1772	PHYCAA+: An optimized, adaptive procedure for measuring and controlling physiological noise in BOLD fMRI. <i>NeuroImage</i> , 2013, 82, 306-325.	2.1	52
1773	Resting state network estimation in individual subjects. <i>NeuroImage</i> , 2013, 82, 616-633.	2.1	226
1774	Specific frequency band of amplitude low-frequency fluctuation predicts Parkinson's disease. <i>Behavioural Brain Research</i> , 2013, 252, 18-23.	1.2	56
1775	Abnormal Baseline Brain Activity in Non-Depressed Parkinson's Disease and Depressed Parkinson's Disease: A Resting-State Functional Magnetic Resonance Imaging Study. <i>PLoS ONE</i> , 2013, 8, e63691.	1.1	79
1776	Vulnerable Neural Systems and the Borderland of Brain Aging and Neurodegeneration. <i>Neuron</i> , 2013, 77, 219-234.	3.8	285
1777	Functional MRI and functional connectivity of the visual system of awake pigeons. <i>Behavioural Brain Research</i> , 2013, 239, 43-50.	1.2	33
1778	Filtering induces correlation in fMRI resting state data. <i>NeuroImage</i> , 2013, 64, 728-740.	2.1	84
1779	An improved framework for confound regression and filtering for control of motion artifact in the preprocessing of resting-state functional connectivity data. <i>NeuroImage</i> , 2013, 64, 240-256.	2.1	1,540
1780	Removing motion and physiological artifacts from intrinsic BOLD fluctuations using short echo data. <i>NeuroImage</i> , 2013, 64, 526-537.	2.1	80
1781	Age association of language task induced deactivation induced in a pediatric population. <i>NeuroImage</i> , 2013, 65, 23-33.	2.1	10
1782	Tracking dynamic resting-state networks at higher frequencies using MR-encephalography. <i>NeuroImage</i> , 2013, 65, 216-222.	2.1	150
1783	Anatomical connectivity and the resting state activity of large cortical networks. <i>NeuroImage</i> , 2013, 65, 127-138.	2.1	46
1784	Toward reliable characterization of functional homogeneity in the human brain: Preprocessing, scan duration, imaging resolution and computational space. <i>NeuroImage</i> , 2013, 65, 374-386.	2.1	428
1785	Capturing dynamic patterns of task-based functional connectivity with EEG. <i>NeuroImage</i> , 2013, 66, 311-317.	2.1	70
1786	Connective field modeling. <i>NeuroImage</i> , 2013, 66, 376-384.	2.1	75
1787	Functional segmentation of the hippocampus in the healthy human brain and in Alzheimer's disease. <i>NeuroImage</i> , 2013, 66, 28-35.	2.1	85
1788	Identification of reproducible individualized targets for treatment of depression with TMS based on intrinsic connectivity. <i>NeuroImage</i> , 2013, 66, 151-160.	2.1	275
1789	Genetic effects on behavior are mediated by neurotransmitters and large-scale neural networks. <i>NeuroImage</i> , 2013, 66, 203-214.	2.1	32

#	ARTICLE	IF	CITATIONS
1790	Reversal alterations of amplitude of low-frequency fluctuations in early and late onset, first-episode, drug-naïve depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 40, 153-159.	2.5	58
1791	Neural network connectivity differences in children who stutter. <i>Brain</i> , 2013, 136, 3709-3726.	3.7	162
1792	Resting state fMRI analysis using a spatial regression mixture model. , 2013, , .		4
1793	Relativity analysis between resting-state fMRI signal and tumorous possibility of brain tissues. , 2013, , .		0
1794	Electrophysiological Correlation Patterns of Resting State Networks in Single Subjects: A Combined EEG&fMRI Study. <i>Brain Topography</i> , 2013, 26, 98-109.	0.8	31
1795	A Linear/Nonlinear Characterization of Resting State Brain Networks in fMRI Time Series. <i>Brain Topography</i> , 2013, 26, 39-49.	0.8	16
1796	Fast Joint Detection-Estimation of Evoked Brain Activity in Event-Related fMRI Using a Variational Approach. <i>IEEE Transactions on Medical Imaging</i> , 2013, 32, 821-837.	5.4	63
1797	Striatal-insula circuits in cocaine addiction: implications for impulsivity and relapse risk. <i>American Journal of Drug and Alcohol Abuse</i> , 2013, 39, 424-432.	1.1	97
1798	fMRI analysis of schizophrenic patients with aggressive behavior. , 2013, , .		1
1799	Pushing spatial and temporal resolution for functional and diffusion MRI in the Human Connectome Project. <i>NeuroImage</i> , 2013, 80, 80-104.	2.1	769
1800	Subject specific BOLD fMRI respiratory and cardiac response functions obtained from global signal. <i>NeuroImage</i> , 2013, 72, 252-264.	2.1	54
1801	Functional Connectivity in the Normal and Injured Brain. <i>Neuroscientist</i> , 2013, 19, 509-522.	2.6	77
1802	The physics of functional magnetic resonance imaging (fMRI). <i>Reports on Progress in Physics</i> , 2013, 76, 096601.	8.1	165
1803	Striatum-Based Circuitry of Adolescent Depression and Anhedonia. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2013, 52, 628-641.e13.	0.3	184
1804	Prefrontal executive function associated coupling relates to Huntington's disease stage. <i>Cortex</i> , 2013, 49, 2661-2673.	1.1	31
1805	Functional connectivity of the frontoparietal network predicts cognitive modulation of pain. <i>Pain</i> , 2013, 154, 459-467.	2.0	143
1806	Time-varying functional network information extracted from brief instances of spontaneous brain activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 4392-4397.	3.3	596
1807	The Effects of Alcohol on the Nonhuman Primate Brain: A Network Science Approach to Neuroimaging. <i>Alcoholism: Clinical and Experimental Research</i> , 2013, 37, 1891-1900.	1.4	8

#	ARTICLE	IF	CITATIONS
1808	Independent Sources of Spontaneous BOLD Fluctuation Along the Visual Pathway. <i>Brain Topography</i> , 2013, 26, 525-537.	0.8	7
1809	Functional connectivity between parietal and frontal brain regions and intelligence in young children: The Generation R study. <i>Human Brain Mapping</i> , 2013, 34, 3299-3307.	1.9	92
1810	The "vegetarian brain" chatting with monkeys and pigs?. <i>Brain Structure and Function</i> , 2013, 218, 1211-1227.	1.2	6
1811	Cerebrospinal Fluid A β 242, Phosphorylated Tau ₁₈₁ , and Resting-State Functional Connectivity. <i>JAMA Neurology</i> , 2013, 70, 1242-8.	4.5	89
1812	Sex Differences in Resting-State Functional Connectivity in Multiple Sclerosis. <i>American Journal of Neuroradiology</i> , 2013, 34, 2304-2311.	1.2	24
1813	Rhythm-specific modulation of the sensorimotor network in drug-naïve patients with Parkinson's disease by levodopa. <i>Brain</i> , 2013, 136, 710-725.	3.7	178
1814	The Neurodynamic Organization of Modality-Dependent Hallucinations. <i>Cerebral Cortex</i> , 2013, 23, 1108-1117.	1.6	150
1815	Fast presurgical functional mapping using task-related intracranial high gamma activity. <i>Journal of Neurosurgery</i> , 2013, 119, 26-36.	0.9	27
1816	Tissue localization during resective epilepsy surgery. <i>Neurosurgical Focus</i> , 2013, 34, E8.	1.0	8
1817	In vivo characterization of the early states of the amyloid-beta network. <i>Brain</i> , 2013, 136, 2239-2252.	3.7	104
1819	Brain Dysfunction Primarily Related to Previous Overt Hepatic Encephalopathy Compared with Minimal Hepatic Encephalopathy: Resting-State Functional MR Imaging Demonstration. <i>Radiology</i> , 2013, 266, 261-270.	3.6	68
1820	Gray matter atrophy distinguishes between Parkinson disease motor subtypes. <i>Neurology</i> , 2013, 80, 1476-1484.	1.5	130
1821	Imaging pain: a potent means for investigating pain mechanisms in patients. <i>British Journal of Anaesthesia</i> , 2013, 111, 64-72.	1.5	86
1822	Effect of disease and recovery on functional anatomy in brain tumor patients: insights from functional MRI and diffusion tensor imaging. <i>Imaging in Medicine</i> , 2013, 5, 333-346.	0.0	14
1824	Advanced Neuroimaging in Traumatic Brain Injury. <i>Seminars in Neurology</i> , 2013, 32, 374-400.	0.5	27
1825	Characterizing Acupuncture De Qi in Mild Cognitive Impairment: Relations with Small-World Efficiency of Functional Brain Networks. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-8.	0.5	27
1826	Optical imaging of acute epileptic networks in mice. <i>Journal of Biomedical Optics</i> , 2013, 18, 076021.	1.4	24
1827	Distinguishing how from why the mind wanders: A process "occurrence framework for self-generated mental activity.. <i>Psychological Bulletin</i> , 2013, 139, 519-535.	5.5	412

#	ARTICLE	IF	CITATIONS
1828	Influence of Acupuncture Stimulation on Cerebral Network in Functional Diarrhea. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-9.	0.5	20
1829	Resting state functional magnetic resonance imaging: An emerging clinical tool. Neurology India, 2013, 61, 103.	0.2	4
1830	Expanded functional coupling of subcortical nuclei with the motor resting-state network in multiple sclerosis. Multiple Sclerosis Journal, 2013, 19, 559-566.	1.4	39
1831	Functional network connectivity of pain-related resting state networks in somatoform pain disorder: an exploratory fMRI study. Journal of Psychiatry and Neuroscience, 2013, 38, 57-65.	1.4	45
1832	Memory Deficits in Schizophrenia: A Selective Review of Functional Magnetic Resonance Imaging (fMRI) Studies. Behavioral Sciences (Basel, Switzerland), 2013, 3, 330-347.	1.0	51
1833	Network Organization in Health and Disease: On Being a Reductionist and a Systems Biologist Too. Pharmacopsychiatry, 2013, 46, S10-S21.	1.7	12
1834	Emergence of Sensory Patterns during Sleep Highlights Differential Dynamics of REM and Non-REM Sleep Stages. Journal of Neuroscience, 2013, 33, 14715-14728.	1.7	20
1835	Neuron-Glia Interaction as a Possible Clue to Translate the Mind-Brain Gap: A Novel Multi-Dimensional Approach Toward Psychology and Psychiatry (R1). Frontiers in Psychiatry, 2013, 4, 139.	1.3	24
1836	Utility of resting fMRI and connectivity in patients with brain tumor. Neurology India, 2013, 61, 144.	0.2	19
1837	The Encoding/Retrieval Flip: Interactions between Memory Performance and Memory Stage and Relationship to Intrinsic Cortical Networks. Journal of Cognitive Neuroscience, 2013, 25, 1163-1179.	1.1	50
1838	Functional Relevance of Micromodules in the Human Association Cortex Delineated with High-Resolution fMRI. Cerebral Cortex, 2013, 23, 2863-2871.	1.6	19
1839	Rhythmic alternating patterns of brain activity distinguish rapid eye movement sleep from other states of consciousness. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 10300-10305.	3.3	113
1840	A Resting State Functional Magnetic Resonance Imaging Study of Patients With Benign Essential Blepharospasm. Journal of Neuro-Ophthalmology, 2013, 33, 235-240.	0.4	34
1841	The Synchronization within and Interaction between the Default and Dorsal Attention Networks in Early Infancy. Cerebral Cortex, 2013, 23, 594-603.	1.6	147
1842	Fructose Ingestion and Cerebral, Metabolic, and Satiety Responses. JAMA - Journal of the American Medical Association, 2013, 309, 85.	3.8	12
1843	How Functional Connectivity between Emotion Regulation Structures Can Be Disrupted: Preliminary Evidence from Adolescents with Moderate to Severe Traumatic Brain Injury. Journal of the International Neuropsychological Society, 2013, 19, 911-924.	1.2	22
1844	Reduction of trial-to-trial variability in functional near-infrared spectroscopy signals by accounting for resting-state functional connectivity. Journal of Biomedical Optics, 2013, 18, 017003.	1.4	81
1845	Saliency Network-Based Classification and Prediction of Symptom Severity in Children With Autism. JAMA Psychiatry, 2013, 70, 869.	6.0	510

#	ARTICLE	IF	CITATIONS
1846	Reconceptualizing functional brain connectivity in autism from a developmental perspective. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 458.	1.0	418
1847	Cerebellar asymmetry and its relation to cerebral asymmetry estimated by intrinsic functional connectivity. <i>Journal of Neurophysiology</i> , 2013, 109, 46-57.	0.9	98
1848	Frequency Dependent Alterations in Regional Homogeneity of Baseline Brain Activity in Schizophrenia. <i>PLoS ONE</i> , 2013, 8, e57516.	1.1	74
1849	Cortical Signatures of Dyslexia and Remediation: An Intrinsic Functional Connectivity Approach. <i>PLoS ONE</i> , 2013, 8, e55454.	1.1	99
1850	Global Functional Connectivity Abnormalities in Children with <sc>F</sc>etal <sc>A</sc>lcohol <sc>S</sc>pectrum <sc>D</sc>isorders. <i>Alcoholism: Clinical and Experimental Research</i> , 2013, 37, 748-756.	1.4	82
1851	Alterations in regional homogeneity of restingâ€state brain activity in mesial temporal lobe epilepsy. <i>Epilepsia</i> , 2013, 54, 658-666.	2.6	69
1852	Effective Preprocessing Procedures Virtually Eliminate Distance-Dependent Motion Artifacts in Resting State fMRI. <i>Journal of Applied Mathematics</i> , 2013, 2013, 1-9.	0.4	260
1853	Potential Use and Challenges of Functional Connectivity Mapping in Intractable Epilepsy. <i>Frontiers in Neurology</i> , 2013, 4, 39.	1.1	50
1854	Is There â€œOneâ€DLPFC in Cognitive Action Control? Evidence for Heterogeneity From Co-Activation-Based Parcellation. <i>Cerebral Cortex</i> , 2013, 23, 2677-2689.	1.6	350
1855	Altered Intrinsic Functional Connectivity in Language-Related Brain Regions in Association with Verbal Memory Performance in Euthymic Bipolar Patients. <i>Brain Sciences</i> , 2013, 3, 1357-1373.	1.1	46
1856	The Teenage Brain. <i>Current Directions in Psychological Science</i> , 2013, 22, 101-107.	2.8	11
1857	Increased resting functional connectivity in spikeâ€wave epilepsy in <sc>WAG</sc>/<sc>R</sc>j rats. <i>Epilepsia</i> , 2013, 54, 1214-1222.	2.6	39
1858	Update on Temporal Lobe Epilepsy. <i>Epilepsy Research & Treatment</i> , 2013, 2013, 1-2.	1.4	1
1859	The Contribution of Resting State Networks to the Study of Cortical Reorganization in MS. <i>Multiple Sclerosis International</i> , 2013, 2013, 1-7.	0.4	20
1860	Resting-State Functional MRI in Pediatric Epilepsy Surgery. <i>Pediatric Neurosurgery</i> , 2013, 49, 261-273.	0.4	23
1861	Modulation of the Default-Mode Network Between Rest and Task in Alzheimer's Disease. <i>Cerebral Cortex</i> , 2013, 23, 1685-1694.	1.6	36
1862	RISC'13 Workshop: Keynote speaker 5. , 2013, , .		0
1863	Structural connectivity in schizophrenia and its impact on the dynamics of spontaneous functional networks. <i>Chaos</i> , 2013, 23, 046111.	1.0	60

#	ARTICLE	IF	CITATIONS
1864	Exploring Functional Connectivity Networks with Multichannel Brain Array Coils. <i>Brain Connectivity</i> , 2013, 3, 302-315.	0.8	13
1865	Resting-State Networks and the Functional Connectome of the Human Brain in Agenesis of the Corpus Callosum. <i>Brain Connectivity</i> , 2013, 3, 547-562.	0.8	50
1866	Advances in the neuroimaging of panic disorder. <i>Human Psychopharmacology</i> , 2013, 28, 608-611.	0.7	14
1867	Resting-State fMRI: A Review of Methods and Clinical Applications. <i>American Journal of Neuroradiology</i> , 2013, 34, 1866-1872.	1.2	816
1868	Abnormal regional homogeneity of resting-state brain activity in patients with HBV-related cirrhosis without overt hepatic encephalopathy. <i>Liver International</i> , 2013, 33, 375-383.	1.9	42
1869	The resting-state neurovascular coupling relationship: rapid changes in spontaneous neural activity in the somatosensory cortex are associated with haemodynamic fluctuations that resemble stimulus-evoked haemodynamics. <i>European Journal of Neuroscience</i> , 2013, 38, 2902-2916.	1.2	27
1870	Hippocampal network connections account for differences in memory performance in the middle-aged rhesus monkey. <i>Hippocampus</i> , 2013, 23, 1179-1188.	0.9	8
1871	Caudate Resting Connectivity Predicts Implicit Probabilistic Sequence Learning. <i>Brain Connectivity</i> , 2013, 3, 601-610.	0.8	33
1872	Anti-Correlated Cortical Networks of Intrinsic Connectivity in the Rat Brain. <i>Brain Connectivity</i> , 2013, 3, 503-511.	0.8	55
1873	Characterization of connectivity dynamics in intrinsic brain networks. , 2013, , .		3
1874	A review of current imaging methods used in stroke research. <i>Neurological Research</i> , 2013, 35, 1092-1102.	0.6	26
1876	Intrinsic functional connectivity of the brain swallowing network during subliminal esophageal acid stimulation. <i>Neurogastroenterology and Motility</i> , 2013, 25, 992.	1.6	11
1877	Agglomerative clustering for resting state MRI. , 2013, , .		1
1878	Can Functional Magnetic Resonance Imaging at Rest Shed Light on the Pathophysiology of Migraine?. <i>Headache</i> , 2013, 53, 723-725.	1.8	6
1879	Impact of Analysis Methods on the Reproducibility and Reliability of Resting-State Networks. <i>Brain Connectivity</i> , 2013, 3, 363-374.	0.8	47
1880	Functional connectivity eigennetworks reveal different brain dynamics in multiple sclerosis patients. , 2013, , .		4
1881	The Fine-Scale Functional Correlation of Striate Cortex in Sighted and Blind People. <i>Journal of Neuroscience</i> , 2013, 33, 16209-16219.	1.7	63
1882	Underconnectivity between voice-selective cortex and reward circuitry in children with autism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 12060-12065.	3.3	205

#	ARTICLE	IF	CITATIONS
1883	Integrated strategy for improving functional connectivity mapping using multiecho fMRI. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 16187-16192.	3.3	342
1884	Increased GABA-A Receptor Binding and Reduced Connectivity at the Motor Cortex in Children with Hemiplegic Cerebral Palsy: A Multimodal Investigation Using ¹⁸ F-Fluorofluminazenil PET, Immunohistochemistry, and MR Imaging. Journal of Nuclear Medicine, 2013, 54, 1263-1269.	2.8	23
1885	FATCAT: (An Efficient) Functional And Tractographic Connectivity Analysis Toolbox. Brain Connectivity, 2013, 3, 523-535.	0.8	178
1886	Depression uncouples brain hate circuit. Molecular Psychiatry, 2013, 18, 101-111.	4.1	246
1887	Key Regions of the Cerebral Network are Altered after Electroacupuncture at the <i>Baihui</i> (GV20) and <i>Yintang</i> Acupuncture Points in Healthy Volunteers: An Analysis Based on Resting fcMRI. Acupuncture in Medicine, 2013, 31, 383-388.	0.4	19
1888	Disruption of visual and motor connectivity in spinocerebellar ataxia type 7. Movement Disorders, 2013, 28, 1708-1716.	2.2	35
1889	Pattern-Based Granger Causality Mapping in fMRI. Brain Connectivity, 2013, 3, 569-577.	0.8	7
1890	Neural Circuit Modulation During Deep Brain Stimulation at the Subthalamic Nucleus for Parkinson's Disease: What Have We Learned from Neuroimaging Studies?. Brain Connectivity, 2013, 4, 131218075844008.	0.8	18
1891	Resting-state functional connectivity in adults with childhood emotional maltreatment. Psychological Medicine, 2013, 43, 1825-1836.	2.7	127
1892	Interactions between Resting-State and Task-Evoked Brain Activity Suggest a Different Approach to fMRI Analysis. Journal of Neuroscience, 2013, 33, 12912-12914.	1.7	17
1893	Energetic cost of brain functional connectivity. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 13642-13647.	3.3	445
1894	Analyzing complex functional brain networks: Fusing statistics and network science to understand the brain. Statistics Surveys, 2013, 7, 1-36.	7.3	111
1895	Altered Nigrostriatal and Nigrocortical Functional Connectivity in Rapid Eye Movement Sleep Behavior Disorder. Sleep, 2013, 36, 1885-1892.	0.6	101
1896	Daytime Sleepiness Is Associated with Decreased Default Mode Network Connectivity in Both Young and Cognitively Intact Elderly Subjects. Sleep, 2013, 36, 1609-1615.	0.6	50
1898	Identification of Disease-related Spatial Covariance Patterns using Neuroimaging Data. Journal of Visualized Experiments, 2013, , .	0.2	43
1899	Long-Term Test-Retest Reliability of Resting-State Networks in Healthy Elderly Subjects and Patients with Amnesic Mild Cognitive Impairment. Journal of Alzheimer's Disease, 2013, 34, 741-754.	1.2	46
1900	Interregional neural synchrony has similar dynamics during spontaneous and stimulus-driven states. Scientific Reports, 2013, 3, 1481.	1.6	12
1901	A Novel Data-Driven Approach to Preoperative Mapping of Functional Cortex Using Resting-State Functional Magnetic Resonance Imaging. Neurosurgery, 2013, 73, 969-983.	0.6	126

#	ARTICLE	IF	CITATIONS
1902	Barriers to novel therapeutics in amyotrophic lateral sclerosis. <i>Neurodegenerative Disease Management</i> , 2013, 3, 525-537.	1.2	0
1903	Adaptive window selection in estimating dynamic functional connectivity of resting-state fMRI. , 2013, , .		2
1904	Constrained source space imaging: Application to fast, region-based functional MRI. <i>Magnetic Resonance in Medicine</i> , 2013, 70, 1058-1069.	1.9	2
1905	Listening to the Brain. <i>Neurosurgery</i> , 2013, 60, 64-69.	0.6	7
1906	Update on Peripheral Nerve Surgery. <i>Neurosurgery</i> , 2013, 60, 70-77.	0.6	10
1907	Altered motor network functional connectivity in amyotrophic lateral sclerosis. <i>NeuroReport</i> , 2013, 24, 657-662.	0.6	38
1908	Subcortical connectivity in dementia with Lewy bodies and Alzheimer's disease. <i>British Journal of Psychiatry</i> , 2013, 203, 209-214.	1.7	38
1909	Segregation of the human medial prefrontal cortex in social cognition. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 232.	1.0	179
1910	Electroconvulsive Therapy Response in Major Depressive Disorder: A Pilot Functional Network Connectivity Resting State fMRI Investigation. <i>Frontiers in Psychiatry</i> , 2013, 4, 10.	1.3	129
1911	Classification of schizophrenia patients based on resting-state functional network connectivity. <i>Frontiers in Neuroscience</i> , 2013, 7, 133.	1.4	153
1912	The Influence of the Amplitude of Low-Frequency Fluctuations on Resting-State Functional Connectivity. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 118.	1.0	96
1913	Tool-use practice induces changes in intrinsic functional connectivity of parietal areas. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 49.	1.0	33
1914	Roles of default-mode network and supplementary motor area in human vigilance performance: evidence from real-time fMRI. <i>Journal of Neurophysiology</i> , 2013, 109, 1250-1258.	0.9	67
1915	Brain Connections – Resting State fMRI Functional Connectivity. , 0, , .		12
1916	Networks and resting state in Parkinson's disease. , 0, , 84-93.		0
1917	Functional connectivity in wakefulness and sleep. , 0, , 105-113.		0
1918	A Novel Method of Combining Blood Oxygenation and Blood Flow Sensitive Magnetic Resonance Imaging Techniques to Measure the Cerebral Blood Flow and Oxygen Metabolism Responses to an Unknown Neural Stimulus. <i>PLoS ONE</i> , 2013, 8, e54816.	1.1	9
1919	Abnormal Brain Functional Connectivity of the Hypothalamus in Cluster Headaches. <i>PLoS ONE</i> , 2013, 8, e57896.	1.1	54

#	ARTICLE	IF	CITATIONS
1920	Association of Cerebral Networks in Resting State with Sexual Preference of Homosexual Men: A Study of Regional Homogeneity and Functional Connectivity. PLoS ONE, 2013, 8, e59426.	1.1	26
1921	Hyperthermia-Induced Disruption of Functional Connectivity in the Human Brain Network. PLoS ONE, 2013, 8, e61157.	1.1	39
1922	Combining Classification with fMRI-Derived Complex Network Measures for Potential Neurodiagnostics. PLoS ONE, 2013, 8, e62867.	1.1	39
1923	Disrupted Causal Connectivity in Mesial Temporal Lobe Epilepsy. PLoS ONE, 2013, 8, e63183.	1.1	60
1924	Effects of Finger Tapping Frequency on Regional Homogeneity of Sensorimotor Cortex. PLoS ONE, 2013, 8, e64115.	1.1	33
1925	Altered Functional Connectivity in an Aged Rat Model of Postoperative Cognitive Dysfunction: A Study Using Resting-State Functional MRI. PLoS ONE, 2013, 8, e64820.	1.1	15
1926	Altered Regional Homogeneity with Short-term Simulated Microgravity and Its Relationship with Changed Performance in Mental Transformation. PLoS ONE, 2013, 8, e64931.	1.1	21
1927	Spatial vs. Temporal Features in ICA of Resting-State fMRI – A Quantitative and Qualitative Investigation in the Context of Response Inhibition. PLoS ONE, 2013, 8, e66572.	1.1	25
1928	Resting State Networks' Corticotopy: The Dual Intertwined Rings Architecture. PLoS ONE, 2013, 8, e67444.	1.1	29
1929	Abnormal Resting-State Activities and Functional Connectivities of the Anterior and the Posterior Cortices in Medication-Naïve Patients with Obsessive-Compulsive Disorder. PLoS ONE, 2013, 8, e67478.	1.1	62
1930	Brain Regions Responsible for Tinnitus Distress and Loudness: A Resting-State fMRI Study. PLoS ONE, 2013, 8, e67778.	1.1	62
1931	Identifying Neural Patterns of Functional Dyspepsia Using Multivariate Pattern Analysis: A Resting-State fMRI Study. PLoS ONE, 2013, 8, e68205.	1.1	36
1932	Abnormal Regional Homogeneity in Patients with Essential Tremor Revealed by Resting-State Functional MRI. PLoS ONE, 2013, 8, e69199.	1.1	76
1933	Modulatory Interactions of Resting-State Brain Functional Connectivity. PLoS ONE, 2013, 8, e71163.	1.1	24
1934	Dissociable Temporo-Parietal Memory Networks Revealed by Functional Connectivity during Episodic Retrieval. PLoS ONE, 2013, 8, e71210.	1.1	7
1935	Test-Retest Reliability of Graph Metrics in Functional Brain Networks: A Resting-State fNIRS Study. PLoS ONE, 2013, 8, e72425.	1.1	84
1936	Evaluation of Node-Inhomogeneity Effects on the Functional Brain Network Properties Using an Anatomy-Constrained Hierarchical Brain Parcellation. PLoS ONE, 2013, 8, e74935.	1.1	19
1937	Shifted Coupling of EEG Driving Frequencies and fMRI Resting State Networks in Schizophrenia Spectrum Disorders. PLoS ONE, 2013, 8, e76604.	1.1	29

#	ARTICLE	IF	CITATIONS
1938	Reduced Regional Homogeneity in Bilateral Frontostriatal System Relates to Higher Impulsivity Behavior in Codeine-Containing Cough Syrups Dependent Individuals. PLoS ONE, 2013, 8, e78738.	1.1	25
1939	Identify Changes of Brain Regional Homogeneity in Bipolar Disorder and Unipolar Depression Using Resting-State fMRI. PLoS ONE, 2013, 8, e79999.	1.1	109
1940	Bayesian Network Analysis Reveals Alterations to Default Mode Network Connectivity in Individuals at Risk for Alzheimer's Disease. PLoS ONE, 2013, 8, e82104.	1.1	25
1941	Resting State fMRI Reveals Diminished Functional Connectivity in a Mouse Model of Amyloidosis. PLoS ONE, 2013, 8, e84241.	1.1	57
1942	BOLD Granger Causality Reflects Vascular Anatomy. PLoS ONE, 2013, 8, e84279.	1.1	49
1944	Abnormal Spontaneous Neural Activity in Obsessive-Compulsive Disorder: A Resting-State Functional Magnetic Resonance Imaging Study. PLoS ONE, 2013, 8, e67262.	1.1	43
1945	MUC (Memory, Unification, Control) and beyond. Frontiers in Psychology, 2013, 4, 416.	1.1	302
1946	Not all minds that wander are lost: the importance of a balanced perspective on the mind-wandering state. Frontiers in Psychology, 2013, 4, 441.	1.1	255
1947	Connectivity, Pharmacology, and Computation: Toward a Mechanistic Understanding of Neural System Dysfunction in Schizophrenia. Frontiers in Psychiatry, 2013, 4, 169.	1.3	68
1948	Adult age-dependent differences in resting-state connectivity within and between visual-attention and sensorimotor networks. Frontiers in Aging Neuroscience, 2013, 5, 67.	1.7	41
1949	Drive for consumption, craving, and connectivity in the visual cortex during the imagery of desired food. Frontiers in Aging Neuroscience, 2013, 5, 77.	1.7	17
1950	Characterizing Functional Connectivity Differences in Aging Adults using Machine Learning on Resting State fMRI Data. Frontiers in Computational Neuroscience, 2013, 7, 38.	1.2	69
1951	Cross-frequency coupling in real and virtual brain networks. Frontiers in Computational Neuroscience, 2013, 7, 78.	1.2	178
1952	Detecting functional connectivity change points for single-subject fMRI data. Frontiers in Computational Neuroscience, 2013, 7, 143.	1.2	90
1953	Defining nodes in complex brain networks. Frontiers in Computational Neuroscience, 2013, 7, 169.	1.2	160
1954	Complex-value coherence mapping reveals novel abnormal resting-state functional connectivity networks in task-specific focal hand dystonia. Frontiers in Neurology, 2013, 4, 149.	1.1	18
1955	Informational connectivity: identifying synchronized discriminability of multi-voxel patterns across the brain. Frontiers in Human Neuroscience, 2013, 7, 15.	1.0	69
1956	Caffeine-Induced Global Reductions in Resting-State BOLD Connectivity Reflect Widespread Decreases in MEG Connectivity. Frontiers in Human Neuroscience, 2013, 7, 63.	1.0	37

#	ARTICLE	IF	CITATIONS
1957	A systematic investigation of the invariance of resting-state network patterns: is resting-state fMRI ready for pre-surgical planning?. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 95.	1.0	21
1958	An Investigation of RSN Frequency Spectra Using Ultra-Fast Generalized Inverse Imaging. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 156.	1.0	30
1959	Graph network analysis of immediate motor-learning induced changes in resting state BOLD. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 166.	1.0	46
1960	Beyond Noise: Using Temporal ICA to Extract Meaningful Information from High-Frequency fMRI Signal Fluctuations during Rest. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 168.	1.0	149
1961	BOLD Frequency Power Indexes Working Memory Performance. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 207.	1.0	24
1962	Time Course Based Artifact Identification for Independent Components of Resting-State fMRI. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 214.	1.0	41
1963	Extraversion and neuroticism relate to topological properties of resting-state brain networks. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 257.	1.0	46
1964	The Quest for EEG Power Band Correlation with ICA Derived fMRI Resting State Networks. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 315.	1.0	17
1965	The Degree of Early Life Stress Predicts Decreased Medial Prefrontal Activations and the Shift from Internally to Externally Guided Decision Making: An Exploratory NIRS Study during Resting State and Self-Oriented Task. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 339.	1.0	26
1966	Combining functional magnetic resonance imaging with transcranial electrical stimulation. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 435.	1.0	67
1967	Modular reorganization of brain resting state networks and its independent validation in Alzheimer's disease patients. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 456.	1.0	64
1968	Task vs. rest—different network configurations between the coactivation and the resting-state brain networks. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 493.	1.0	174
1969	Applying Independent Component Analysis to Clinical fMRI at 7T. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 496.	1.0	16
1970	Decreased small-world functional network connectivity and clustering across resting state networks in schizophrenia: an fMRI classification tutorial. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 520.	1.0	95
1971	Self-Processing and the Default Mode Network: Interactions with the Mirror Neuron System. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 571.	1.0	152
1972	Intrinsic functional network organization in high-functioning adolescents with autism spectrum disorder. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 573.	1.0	134
1973	Tonotopic Organization in the Depth of Human Inferior Colliculus. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 586.	1.0	33
1974	Concurrent application of TMS and near-infrared optical imaging: methodological considerations and potential artifacts. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 592.	1.0	26

#	ARTICLE	IF	CITATIONS
1975	Imaging structural and functional brain networks in temporal lobe epilepsy. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 624.	1.0	185
1976	Interpreting the effects of altered brain anatomical connectivity on fMRI functional connectivity: a role for computational neural modeling. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 649.	1.0	9
1977	Discriminative analysis of non-linear brain connectivity in schizophrenia: an fMRI Study. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 702.	1.0	55
1978	BrainCAT – a tool for automated and combined functional magnetic resonance imaging and diffusion tensor imaging brain connectivity analysis. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 794.	1.0	12
1979	Studying the Effects of Transcranial Direct-Current Stimulation in Stroke Recovery Using Magnetic Resonance Imaging. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 857.	1.0	46
1980	Functional connectivity networks with and without global signal correction. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 880.	1.0	43
1981	Automatic selection of resting-state networks with functional magnetic resonance imaging. <i>Frontiers in Neuroscience</i> , 2013, 7, 72.	1.4	38
1982	ICA model order selection of task co-activation networks. <i>Frontiers in Neuroscience</i> , 2013, 7, 237.	1.4	188
1983	The dynamic reorganization of the default-mode network during a visual classification task. <i>Frontiers in Systems Neuroscience</i> , 2013, 7, 34.	1.2	35
1984	Decomposition of spontaneous brain activity into distinct fMRI co-activation patterns. <i>Frontiers in Systems Neuroscience</i> , 2013, 7, 101.	1.2	171
1985	Resting state low-frequency fluctuations in prefrontal cortex reflect degrees of harm avoidance and novelty seeking: an exploratory NIRS study. <i>Frontiers in Systems Neuroscience</i> , 2013, 7, 115.	1.2	14
1986	Brain Connectivity Plasticity in the Motor Network after Ischemic Stroke. <i>Neural Plasticity</i> , 2013, 2013, 1-11.	1.0	56
1987	Motor Parkinson's disease and structure. , 0, , 26-43.		0
1991	Self-Organization of Waveguides Toward Luminescent Targets in Novel Organic/Inorganic Hybrid Materials. , 2014, , .		0
1992	Neuroimaging Connectivity Analyses and Their Application in Psychiatric Research. , 2014, , 2522-2537.		1
1993	Functional Magnetic Resonance Imaging. , 2014, , 4005-4018.		6
1994	First-Episode Medication-Naive Major Depressive Disorder Is Associated with Altered Resting Brain Function in the Affective Network. <i>PLoS ONE</i> , 2014, 9, e85241.	1.1	75
1995	Regional Homogeneity of Intrinsic Brain Activity in Happy and Unhappy Individuals. <i>PLoS ONE</i> , 2014, 9, e85181.	1.1	36

#	ARTICLE	IF	CITATIONS
1996	Frequency Specificity of Regional Homogeneity in the Resting-State Human Brain. PLoS ONE, 2014, 9, e86818.	1.1	68
1997	Graph Independent Component Analysis Reveals Repertoires of Intrinsic Network Components in the Human Brain. PLoS ONE, 2014, 9, e82873.	1.1	20
1998	Altered Spontaneous Brain Activity in Patients with Parkinson's Disease Accompanied by Depressive Symptoms, as Revealed by Regional Homogeneity and Functional Connectivity in the Prefrontal-Limbic System. PLoS ONE, 2014, 9, e84705.	1.1	79
1999	Connectivity Features for Identifying Cognitive Impairment in Presymptomatic Carotid Stenosis. PLoS ONE, 2014, 9, e85441.	1.1	39
2000	Regional Homogeneity Changes in Hemodialysis Patients with End Stage Renal Disease: In Vivo Resting-State Functional MRI Study. PLoS ONE, 2014, 9, e87114.	1.1	18
2001	Brain Entropy Mapping Using fMRI. PLoS ONE, 2014, 9, e89948.	1.1	124
2002	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.	1.1	12
2003	Resting-State fMRI Using Passband Balanced Steady-State Free Precession. PLoS ONE, 2014, 9, e91075.	1.1	1
2004	Abnormal Default-Mode Network Homogeneity in First-Episode, Drug-Naive Major Depressive Disorder. PLoS ONE, 2014, 9, e91102.	1.1	72
2005	Organizing Heterogeneous Samples Using Community Detection of GIMME-Derived Resting State Functional Networks. PLoS ONE, 2014, 9, e91322.	1.1	98
2006	Spatially Distributed Effects of Mental Exhaustion on Resting-State FMRI Networks. PLoS ONE, 2014, 9, e94222.	1.1	46
2007	Decreased Resting Functional Connectivity after Traumatic Brain Injury in the Rat. PLoS ONE, 2014, 9, e95280.	1.1	54
2008	Influence of Anodal Transcranial Direct Current Stimulation (tDCS) over the Right Angular Gyrus on Brain Activity during Rest. PLoS ONE, 2014, 9, e95984.	1.1	29
2009	Motor Network Plasticity and Low-Frequency Oscillations Abnormalities in Patients with Brain Gliomas: A Functional MRI Study. PLoS ONE, 2014, 9, e96850.	1.1	28
2010	Amygdala Perfusion Is Predicted by Its Functional Connectivity with the Ventromedial Prefrontal Cortex and Negative Affect. PLoS ONE, 2014, 9, e97466.	1.1	24
2011	How Do You Feel when You Can't Feel Your Body? Interoception, Functional Connectivity and Emotional Processing in Depersonalization-Derealization Disorder. PLoS ONE, 2014, 9, e98769.	1.1	95
2012	Preoperative Mapping of the Sensorimotor Cortex: Comparative Assessment of Task-Based and Resting-State fMRI. PLoS ONE, 2014, 9, e98860.	1.1	83
2013	A Multi-Methodological MR Resting State Network Analysis to Assess the Changes in Brain Physiology of Children with ADHD. PLoS ONE, 2014, 9, e99119.	1.1	36

#	ARTICLE	IF	CITATIONS
2014	Ongoing Activity in Temporally Coherent Networks Predicts Intra-Subject Fluctuation of Response Time to Sporadic Executive Control Demands. PLoS ONE, 2014, 9, e99166.	1.1	6
2015	Neural Correlates Associated with Successful Working Memory Performance in Older Adults as Revealed by Spatial ICA. PLoS ONE, 2014, 9, e99250.	1.1	13
2016	Exploring the Patterns of Acupuncture on Mild Cognitive Impairment Patients Using Regional Homogeneity. PLoS ONE, 2014, 9, e99335.	1.1	36
2017	Resting States Are Resting Traits – An fMRI Study of Sex Differences and Menstrual Cycle Effects in Resting State Cognitive Control Networks. PLoS ONE, 2014, 9, e103492.	1.1	118
2018	The Influence of Work-Related Chronic Stress on the Regulation of Emotion and on Functional Connectivity in the Brain. PLoS ONE, 2014, 9, e104550.	1.1	119
2019	Preserved Modular Network Organization in the Sedated Rat Brain. PLoS ONE, 2014, 9, e106156.	1.1	28
2020	Unravelling the Intrinsic Functional Organization of the Human Striatum: A Parcellation and Connectivity Study Based on Resting-State fMRI. PLoS ONE, 2014, 9, e106768.	1.1	87
2021	Connectotyping: Model Based Fingerprinting of the Functional Connectome. PLoS ONE, 2014, 9, e111048.	1.1	182
2022	Identifying the Core Components of Emotional Intelligence: Evidence from Amplitude of Low-Frequency Fluctuations during Resting State. PLoS ONE, 2014, 9, e111435.	1.1	25
2023	Maximizing Negative Correlations in Resting-State Functional Connectivity MRI by Time-Lag. PLoS ONE, 2014, 9, e111554.	1.1	37
2024	Removal of Pulse Artefact from EEG Data Recorded in MR Environment at 3T. Setting of ICA Parameters for Marking Artefactual Components: Application to Resting-State Data. PLoS ONE, 2014, 9, e112147.	1.1	15
2025	Early diagnosis of dementia by resting-state functional MRI. Higher Brain Function Research, 2014, 34, 9-16.	0.0	2
2026	Fast transient networks in spontaneous human brain activity. ELife, 2014, 3, e01867.	2.8	467
2027	Dysfunction of Affective Network in Post Ischemic Stroke Depression: A Resting-State Functional Magnetic Resonance Imaging Study. BioMed Research International, 2014, 2014, 1-7.	0.9	26
2028	Altered Activity and Functional Connectivity of Superior Temporal Gyri in Anxiety Disorders: A Functional Magnetic Resonance Imaging Study. Korean Journal of Radiology, 2014, 15, 523.	1.5	17
2029	Scanning fast and slow: current limitations of 3 Tesla functional MRI and future potential. Frontiers in Physics, 2014, 2, 00001.	1.0	20
2030	Disruption of brain connectivity in acute stroke patients with early impairment in consciousness. Frontiers in Psychology, 2014, 4, 956.	1.1	42
2031	Meal replacement: calming the hot-state brain network of appetite. Frontiers in Psychology, 2014, 5, 249.	1.1	19

#	ARTICLE	IF	CITATIONS
2032	Cortico-Amygdala Coupling as a Marker of Early Relapse Risk in Cocaine-Addicted Individuals. <i>Frontiers in Psychiatry</i> , 2014, 5, 16.	1.3	63
2033	Reduced Intrinsic Connectivity of Amygdala in Adults with Major Depressive Disorder. <i>Frontiers in Psychiatry</i> , 2014, 5, 17.	1.3	140
2034	Network-Based Biomarkers in Alzheimer's Disease: Review and Future Directions. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 12.	1.7	59
2035	Tai Chi Chuan optimizes the functional organization of the intrinsic human brain architecture in older adults. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 74.	1.7	89
2036	An age-related shift of resting-state functional connectivity of the subthalamic nucleus: a potential mechanism for compensating motor performance decline in older adults. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 178.	1.7	27
2037	Decreased Default Mode Network connectivity correlates with age-associated structural and cognitive changes. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 256.	1.7	86
2038	The neural correlates of risk propensity in males and females using resting-state fMRI. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 2.	1.0	33
2039	Brain functional connectivity changes in children that differ in impulsivity temperamental trait. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 156.	1.0	28
2040	Reduced Resting-State Functional Connectivity of the Somatosensory Cortex Predicts Psychopathological Symptoms in Women with Bulimia Nervosa. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 270.	1.0	37
2041	Functional connectivity density alterations in schizophrenia. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 404.	1.0	67
2042	The role of alpha-rhythm states in perceptual learning: insights from experiments and computational models. <i>Frontiers in Computational Neuroscience</i> , 2014, 8, 36.	1.2	56
2043	Bayesian network analysis revealed the connectivity difference of the default mode network from the resting-state to task-state. <i>Frontiers in Computational Neuroscience</i> , 2014, 8, 118.	1.2	12
2044	A pooling-LiNGAM algorithm for effective connectivity analysis of fMRI data. <i>Frontiers in Computational Neuroscience</i> , 2014, 8, 125.	1.2	15
2045	Changes in functional connectivity correlate with behavioral gains in stroke patients after therapy using a brain-computer interface device. <i>Frontiers in Neuroengineering</i> , 2014, 7, 25.	4.8	54
2046	Characterizing relationships of DTI, fMRI, and motor recovery in stroke rehabilitation utilizing brain-computer interface technology. <i>Frontiers in Neuroengineering</i> , 2014, 7, 31.	4.8	61
2047	Analyzing the resting state functional connectivity in the human language system using near infrared spectroscopy. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 921.	1.0	35
2048	The VWFA: it's not just for words anymore. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 88.	1.0	101
2049	Big data, open science and the brain: lessons learned from genomics. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 239.	1.0	122

#	ARTICLE	IF	CITATIONS
2050	Imaging the where and when of tic generation and resting state networks in adult Tourette patients. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 362.	1.0	140
2051	COMT Val158Met genotypes differentially influence subgenual cingulate functional connectivity in healthy females. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 481.	1.0	5
2052	Amplitude differences in high-frequency fMRI signals between eyes open and eyes closed resting states. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 503.	1.0	73
2053	What we talk about when we talk about the default mode network. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 619.	1.0	40
2054	A single session of exercise increases connectivity in sensorimotor-related brain networks: a resting-state fMRI study in young healthy adults. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 625.	1.0	65
2055	Transcranial direct current stimulation facilitates cognitive multi-task performance differentially depending on anode location and subtask. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 665.	1.0	30
2056	Cortical Somatosensory Reorganization in Children with Spastic Cerebral Palsy: A Multimodal Neuroimaging Study. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 725.	1.0	90
2057	Meeting the brain on its own terms. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 815.	1.0	12
2058	Dynamic connectivity states estimated from resting fMRI Identify differences among Schizophrenia, bipolar disorder, and healthy control subjects. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 897.	1.0	384
2059	Changes in global and regional modularity associated with increasing working memory load. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 954.	1.0	67
2060	Anatomical and functional plasticity in early blind individuals and the mixture of experts architecture. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 971.	1.0	32
2061	Increased functional connectivity in intrinsic neural networks in individuals with aniridia. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 1013.	1.0	11
2062	Frequency-specific network topologies in the resting human brain. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 1022.	1.0	36
2063	Energy landscapes of resting-state brain networks. <i>Frontiers in Neuroinformatics</i> , 2014, 8, 12.	1.3	63
2064	Machine learning for neuroimaging with scikit-learn. <i>Frontiers in Neuroinformatics</i> , 2014, 8, 14.	1.3	1,422
2065	Connexel visualization: a software implementation of glyphs and edge-bundling for dense connectivity data using brainGL. <i>Frontiers in Neuroscience</i> , 2014, 8, 15.	1.4	12
2066	The spatial structure of resting state connectivity stability on the scale of minutes. <i>Frontiers in Neuroscience</i> , 2014, 8, 138.	1.4	104
2067	Whole brain functional connectivity using phase locking measures of resting state magnetoencephalography. <i>Frontiers in Neuroscience</i> , 2014, 8, 141.	1.4	29

#	ARTICLE	IF	CITATIONS
2068	Function of basal ganglia in bridging cognitive and motor modules to perform an action. <i>Frontiers in Neuroscience</i> , 2014, 8, 187.	1.4	44
2069	A comprehensive assessment of resting state networks: bidirectional modification of functional integrity in cerebro-cerebellar networks in dementia. <i>Frontiers in Neuroscience</i> , 2014, 8, 223.	1.4	67
2070	Deep learning for neuroimaging: a validation study. <i>Frontiers in Neuroscience</i> , 2014, 8, 229.	1.4	441
2071	Estimation of effective connectivity via data-driven neural modeling. <i>Frontiers in Neuroscience</i> , 2014, 8, 383.	1.4	50
2072	Functional network alterations and their structural substrate in drug-resistant epilepsy. <i>Frontiers in Neuroscience</i> , 2014, 8, 411.	1.4	64
2073	Detection of abnormal resting-state networks in individual patients suffering from focal epilepsy: an initial step toward individual connectivity assessment. <i>Frontiers in Neuroscience</i> , 2014, 8, 419.	1.4	26
2074	Phase-amplitude coupling and infraslow (≈ 1 Hz) frequencies in the rat brain: relationship to resting state fMRI. <i>Frontiers in Integrative Neuroscience</i> , 2014, 8, 41.	1.0	43
2075	Oscillatory motor network activity during rest and movement: an fNIRS study. <i>Frontiers in Systems Neuroscience</i> , 2014, 8, 13.	1.2	40
2076	Large-scale resting state network correlates of cognitive impairment in Parkinson's disease and related dopaminergic deficits. <i>Frontiers in Systems Neuroscience</i> , 2014, 8, 45.	1.2	90
2077	Resting state functional connectivity in early blind humans. <i>Frontiers in Systems Neuroscience</i> , 2014, 8, 51.	1.2	84
2078	Near Infrared Optical Technologies to Illuminate the Status of the Neonatal Brain. <i>Current Pediatric Reviews</i> , 2014, 10, 73-86.	0.4	16
2079	Effects of unilateral deactivations of dorsolateral prefrontal cortex and anterior cingulate cortex on saccadic eye movements. <i>Journal of Neurophysiology</i> , 2014, 111, 787-803.	0.9	15
2080	The link between cardiovascular risk, Alzheimer's disease, and mild cognitive impairment: support from recent functional neuroimaging studies. <i>Revista Brasileira De Psiquiatria</i> , 2014, 36, 344-357.	0.9	10
2081	Advanced Magnetic Resonance Imaging Techniques in the Preterm Brain: Methods and Applications. <i>Current Pediatric Reviews</i> , 2014, 10, 56-64.	0.4	6
2083	Brain Functional Networks in the Developing Brain Using Resting BOLD. , 2014, , .		0
2084	Active and Passive fMRI for Presurgical Mapping of Motor and Language Cortex. , 0, , .		1
2085	Difference between healthy children and ADHD based on wavelet spectral analysis of nuclear magnetic resonance images. , 2014, , .		0
2086	Massively Parallel Nonparametric Regression, With an Application to Developmental Brain Mapping. <i>Journal of Computational and Graphical Statistics</i> , 2014, 23, 232-248.	0.9	23

#	ARTICLE	IF	CITATIONS
2087	SINGULAR SPECTRUM ANALYSIS AND ADAPTIVE FILTERING ENHANCE THE FUNCTIONAL CONNECTIVITY ANALYSIS OF RESTING STATE fMRI DATA. <i>International Journal of Neural Systems</i> , 2014, 24, 1450010.	3.2	21
2089	A review of the use of magnetic resonance imaging in Parkinson's disease. <i>Therapeutic Advances in Neurological Disorders</i> , 2014, 7, 206-220.	1.5	111
2090	The Presupplementary Area Within the Language Network: A Resting State Functional Magnetic Resonance Imaging Functional Connectivity Analysis. <i>Brain Connectivity</i> , 2014, 4, 440-453.	0.8	10
2091	Investigating the spatial and temporal interactions in resting-state fMRI with total activation. , 2014, , .		0
2092	Functional connectivity of the posterior hippocampus is more dominant as we age. <i>Cognitive Neuroscience</i> , 2014, 5, 150-159.	0.6	33
2093	Functional connectivity change of the rat brain in response to sensory stimuli using functional near-infrared brain imaging. <i>Biomedical Engineering Letters</i> , 2014, 4, 370-377.	2.1	3
2094	Endogenous Attention Signals Evoked by Threshold Contrast Detection in Human Superior Colliculus. <i>Journal of Neuroscience</i> , 2014, 34, 892-900.	1.7	26
2095	Neurovascular Coupling and Decoupling in the Cortex during Voluntary Locomotion. <i>Journal of Neuroscience</i> , 2014, 34, 10975-10981.	1.7	81
2096	Sensorimotor cortical changes assessed with resting-state fMRI following total brachial plexus root avulsion. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2014, 85, 99-105.	0.9	42
2097	The Value of Resting-State Functional Magnetic Resonance Imaging in Stroke. <i>Stroke</i> , 2014, 45, 2818-2824.	1.0	52
2098	Ventral Tegmental Area/Midbrain Functional Connectivity and Response to Antipsychotic Medication in Schizophrenia. <i>Neuropsychopharmacology</i> , 2014, 39, 1020-1030.	2.8	145
2099	Functional and Developmental Significance of Amplitude Variance Asymmetry in the BOLD Resting-State Signal. <i>Cerebral Cortex</i> , 2014, 24, 1332-1350.	1.6	14
2100	A Bayesian Algorithm for Anxiety Index Prediction Based on Cerebral Blood Oxygenation in the Prefrontal Cortex Measured by Near Infrared Spectroscopy. <i>IEEE Journal of Translational Engineering in Health and Medicine</i> , 2014, 2, 1-10.	2.2	6
2101	Effects of Beta-Amyloid on Resting State Functional Connectivity Within and Between Networks Reflect Known Patterns of Regional Vulnerability. <i>Cerebral Cortex</i> , 2016, 26, bhu259.	1.6	85
2102	Frontal Lobe Epilepsy Alters Functional Connections Within the Brain's Motor Network: A Resting-State fMRI Study. <i>Brain Connectivity</i> , 2014, 4, 91-99.	0.8	36
2103	Modulation of Resting State Functional Connectivity of the Motor Network by Transcranial Pulsed Current Stimulation. <i>Brain Connectivity</i> , 2014, 4, 157-165.	0.8	7
2104	Deciphering laminar-specific neural inputs with line-scanning fMRI. <i>Nature Methods</i> , 2014, 11, 55-58.	9.0	152
2105	Selective Development of Anticorrelated Networks in the Intrinsic Functional Organization of the Human Brain. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 501-513.	1.1	147

#	ARTICLE	IF	CITATIONS
2106	Hyper-Connectivity of Subcortical Resting-State Networks in Social Anxiety Disorder. <i>Brain Connectivity</i> , 2014, 4, 81-90.	0.8	91
2107	Intrinsic Coupling Modes in Source-Reconstructed Electroencephalography. <i>Brain Connectivity</i> , 2014, 4, 812-825.	0.8	35
2108	Time of Acquisition and Network Stability in Pediatric Resting-State Functional Magnetic Resonance Imaging. <i>Brain Connectivity</i> , 2014, 4, 417-427.	0.8	30
2109	Dissociable Functional Networks of the Human Dentate Nucleus. <i>Cerebral Cortex</i> , 2014, 24, 2151-2159.	1.6	85
2110	Investigation of blast-induced traumatic brain injury. <i>Brain Injury</i> , 2014, 28, 879-895.	0.6	54
2111	Insights into the Mechanisms of Absence Seizure Generation Provided by EEG with Functional MRI. <i>Frontiers in Neurology</i> , 2014, 5, 162.	1.1	37
2112	Structure-Function Discrepancy: Inhomogeneity and Delays in Synchronized Neural Networks. <i>PLoS Computational Biology</i> , 2014, 10, e1003736.	1.5	36
2113	A Functional Polymorphism of the MAOA Gene Modulates Spontaneous Brain Activity in Pons. <i>BioMed Research International</i> , 2014, 2014, 1-6.	0.9	6
2114	Correlation between asymmetry of spontaneous oscillation of hemodynamic changes in the prefrontal cortex and anxiety levels: a near-infrared spectroscopy study. <i>Journal of Biomedical Optics</i> , 2014, 19, 027005.	1.4	44
2115	Network Imaging. , 2014, , 77-89.		2
2116	ADHD Discrimination Based on Social Network. , 2014, , .		2
2117	Selective Changes of Resting-State Brain Oscillations in aMCI: An fMRI Study Using ALFF. <i>BioMed Research International</i> , 2014, 2014, 1-7.	0.9	52
2118	Intrinsic Functional Connectivity Networks in Healthy Elderly Subjects: A Multiparametric Approach with Structural Connectivity Analysis. <i>BioMed Research International</i> , 2014, 2014, 1-14.	0.9	17
2119	State of the Art: Mathematical Approaches in Brain Science. , 2014, , 11-32.		0
2120	Effect of Integrated Cognitive Therapy on Hippocampal Functional Connectivity Patterns in Stroke Patients with Cognitive Dysfunction: A Resting-State fMRI Study. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-9.	0.5	15
2121	Abnormal Functional Resting-State Networks in ADHD: Graph Theory and Pattern Recognition Analysis of fMRI Data. <i>BioMed Research International</i> , 2014, 2014, 1-10.	0.9	80
2122	Towards a Theory of Brain Structure and Function. , 2014, , 109-140.		0
2123	Surface-Based Regional Homogeneity in First-Episode, Drug-Naïve Major Depression: A Resting-State fMRI Study. <i>BioMed Research International</i> , 2014, 2014, 1-7.	0.9	20

#	ARTICLE	IF	CITATIONS
2124	The Default Network of the Brain. , 2014, , 169-181.		1
2125	Functional neuro-imaging as a pre-surgical tool in epilepsy. Annals of Indian Academy of Neurology, 2014, 17, 56.	0.2	8
2126	Functional MRI: Genesis, State of the art and the Sequel. Indian Journal of Radiology and Imaging, 2014, 24, 6-12.	0.3	3
2127	Massive Modulation of Brain Areas After Mechanical Pain Stimulation: A Time-Resolved fMRI Study. Cerebral Cortex, 2014, 24, 2991-3005.	1.6	19
2128	Discharge-Rate Persistence of Baseline Activity During Fixation Reflects Maintenance of Memory-Period Activity in the Macaque Posterior Parietal Cortex. Cerebral Cortex, 2014, 24, 1671-1685.	1.6	21
2129	Low- but Not High-Frequency LFP Correlates with Spontaneous BOLD Fluctuations in Rat Whisker Barrel Cortex. Cerebral Cortex, 2016, 26, bhu248.	1.6	30
2130	The effects of methylphenidate on resting-state striatal, thalamic and global functional connectivity in healthy adults. International Journal of Neuropsychopharmacology, 2014, 17, 1177-1191.	1.0	47
2131	Does brain functional connectivity alter across similar trials during imaging experiments?. , 2014, , .		1
2132	Assessing the prefrontal functional connectivity using wavelet coherence analysis of oxygenation signals. , 2014, , .		3
2133	Classification of essential tremors (ET) disorder and healthy controls using a masking technique. Proceedings of SPIE, 2014, , .	0.8	0
2134	Semi-supervised clustering for parcellating brain regions based on resting state fMRI data. Proceedings of SPIE, 2014, , .	0.8	1
2135	Structural and Functional Rich Club Organization of the Brain in Children and Adults. PLoS ONE, 2014, 9, e88297.	1.1	165
2136	Acupuncture Modulates Resting State Hippocampal Functional Connectivity in Alzheimer Disease. PLoS ONE, 2014, 9, e91160.	1.1	64
2137	Functional ultrasound imaging of intrinsic connectivity in the living rat brain with high spatiotemporal resolution. Nature Communications, 2014, 5, 5023.	5.8	150
2138	Taskâ€dependent reorganization of functional connectivity networks during visual semantic decision making. Brain and Behavior, 2014, 4, 877-885.	1.0	38
2139	Study of the brain functional network using synthetic data. , 2014, , .		10
2140	Directed interactivity of large-scale brain networks: Introducing a new method for estimating resting-state effective connectivity MRI. , 2014, , .		1
2141	Multimodal assessments of the hippocampal formation in schizophrenia and bipolar disorder: Evidences from neurobehavioral measures and functional and structural MRI. Neurolmage: Clinical, 2014, 6, 134-144.	1.4	59

#	ARTICLE	IF	CITATIONS
2142	Reduced interhemispheric functional connectivity of children with autism spectrum disorder: evidence from functional near infrared spectroscopy studies. <i>Biomedical Optics Express</i> , 2014, 5, 1262.	1.5	61
2143	Temporal correlation of spontaneous hemodynamic activity in language areas measured with functional near-infrared spectroscopy. <i>Biomedical Optics Express</i> , 2014, 5, 587.	1.5	26
2144	Electroencephalographic method using fast Fourier transform overlap processing for recognition of right- or left-handed elbow flexion motor imagery. , 2014, , .		5
2145	Data comparison using Gaussian Graphical Models. , 2014, , .		0
2146	Regional variations in vascular density correlate with restingâ€state and taskâ€evoked blood oxygen levelâ€dependent signal amplitude. <i>Human Brain Mapping</i> , 2014, 35, 1906-1920.	1.9	59
2147	Large-scale topology and the default mode network in the mouse connectome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 18745-18750.	3.3	228
2148	Functional MRI Signal Fluctuations: A Preclinical Biomarker for Cognitive Impairment in Type 2 Diabetes?. <i>Diabetes</i> , 2014, 63, 396-398.	0.3	5
2149	Cerebral Hemodynamic Impairment: Assessment with Resting-State Functional MR Imaging. <i>Radiology</i> , 2014, 270, 548-555.	3.6	76
2150	Overlapping and segregated restingâ€state functional connectivity in patients with major depressive disorder with and without childhood neglect. <i>Human Brain Mapping</i> , 2014, 35, 1154-1166.	1.9	206
2151	Restingâ€state functional connectivity <scp>MRI</scp> reveals active processes central to cognition. <i>Wiley Interdisciplinary Reviews: Cognitive Science</i> , 2014, 5, 233-245.	1.4	73
2152	Improved temporal resolution for functional studies with reduced number of segments with threeâ€dimensional echo planar imaging. <i>Magnetic Resonance in Medicine</i> , 2014, 72, 786-792.	1.9	9
2153	Cluster-based analysis for characterizing dynamic functional connectivity. , 2014, 2014, 982-5.		8
2154	Phase synchronization analysis of prefrontal tissue oxyhemoglobin oscillations in elderly subjects with cerebral infarction. <i>Medical Physics</i> , 2014, 41, 102702.	1.6	17
2155	Multiple changes of functional connectivity between sensorimotor areas in focal hand dystonia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2014, 85, 1245-1252.	0.9	62
2156	Three-Dimensional Mean-Shift Edge Bundling for the Visualization of Functional Connectivity in the Brain. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2014, 20, 471-480.	2.9	50
2157	Neural Fields. , 2014, , .		80
2158	Examining mechanisms of brain control of bladder function with resting state functional connectivity MRI. <i>Neurourology and Urodynamics</i> , 2014, 33, 493-501.	0.8	30
2160	Recent Advances in Neuroimaging Biomarkers of Schizophrenia. , 2014, , 71-103.		1

#	ARTICLE	IF	CITATIONS
2161	Lateralized Resting-State Functional Connectivity in the Task-Positive and Task-Negative Networks. <i>Brain Connectivity</i> , 2014, 4, 641-648.	0.8	23
2162	Connectopathy in ageing and dementia. <i>Brain</i> , 2014, 137, 3104-3106.	3.7	12
2163	Intrinsically organized resting state networks in the human spinal cord. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 18067-18072.	3.3	93
2164	The development and expression of physical nicotine dependence corresponds to structural and functional alterations in the anterior cingulateâ€precuneus pathway. <i>Brain and Behavior</i> , 2014, 4, 408-417.	1.0	53
2165	Different Neural Manifestations of Two Slow Frequency Bands in Resting Functional Magnetic Resonance Imaging: A Systemic Survey at Regional, Interregional, and Network Levels. <i>Brain Connectivity</i> , 2014, 4, 242-255.	0.8	68
2166	Patterns of cortical input to the primary motor area in the marmoset monkey. <i>Journal of Comparative Neurology</i> , 2014, 522, 811-843.	0.9	49
2167	Amyloid and its association with default network integrity in Alzheimer's disease. <i>Human Brain Mapping</i> , 2014, 35, 779-791.	1.9	37
2168	Enhancement of Resting-State fcMRI Networks by Prior Sensory Stimulation. <i>Brain Connectivity</i> , 2014, 4, 760-768.	0.8	5
2169	Expertise modulates local regional homogeneity of spontaneous brain activity in the resting brain: An fMRI study using the model of skilled acupuncturists. <i>Human Brain Mapping</i> , 2014, 35, 1074-1084.	1.9	30
2170	Dissociable Effects of Antipsychotics on Ketamine-Induced Changes in Regional Oxygenation and Inter-Regional Coherence of Low Frequency Oxygen Fluctuations in the Rat. <i>Neuropsychopharmacology</i> , 2014, 39, 1635-1644.	2.8	23
2171	Flexible connectivity in the aging brain revealed by task modulations. <i>Human Brain Mapping</i> , 2014, 35, 3788-3804.	1.9	30
2172	Altered network connectivity in frontotemporal dementia with C9orf72 hexanucleotide repeat expansion. <i>Brain</i> , 2014, 137, 3047-3060.	3.7	140
2173	Dysregulated daily rhythmicity of neuronal resting-state networks in MCI patients. <i>Chronobiology International</i> , 2014, 31, 1041-1050.	0.9	8
2174	Visual system integrity and cognition in early Huntington's disease. <i>European Journal of Neuroscience</i> , 2014, 40, 2417-2426.	1.2	40
2175	Resting state networks in major depressive disorder. <i>Psychiatry Research - Neuroimaging</i> , 2014, 224, 139-151.	0.9	180
2176	Decreased default-mode network homogeneity in unaffected siblings of schizophrenia patients at rest. <i>Psychiatry Research - Neuroimaging</i> , 2014, 224, 218-224.	0.9	23
2177	Alterations in effective connectivity anchored on the insula in major depressive disorder. <i>European Neuropsychopharmacology</i> , 2014, 24, 1784-1792.	0.3	58
2178	Neuronal and Physiological Correlation to Hemodynamic Resting-State Fluctuations in Health and Disease. <i>Brain Connectivity</i> , 2014, 4, 727-740.	0.8	18

#	ARTICLE	IF	CITATIONS
2179	Altered topological properties of the cortical motor-related network in patients with subcortical stroke revealed by graph theoretical analysis. <i>Human Brain Mapping</i> , 2014, 35, 3343-3359.	1.9	49
2180	Save the Global: Global Signal Connectivity as a Tool for Studying Clinical Populations with Functional Magnetic Resonance Imaging. <i>Brain Connectivity</i> , 2014, 4, 395-403.	0.8	160
2181	Structural and functional underconnectivity as a negative predictor for language in autism. <i>Human Brain Mapping</i> , 2014, 35, 3602-3615.	1.9	55
2182	The role of anterior midcingulate cortex in cognitive motor control. <i>Human Brain Mapping</i> , 2014, 35, 2741-2753.	1.9	136
2183	Mesoscale Transcranial Spontaneous Activity Mapping in GCaMP3 Transgenic Mice Reveals Extensive Reciprocal Connections between Areas of Somatomotor Cortex. <i>Journal of Neuroscience</i> , 2014, 34, 15931-15946.	1.7	155
2184	Bidirectional effects on interhemispheric resting-state functional connectivity induced by excitatory and inhibitory repetitive transcranial magnetic stimulation. <i>Human Brain Mapping</i> , 2014, 35, 1896-1905.	1.9	83
2185	Hyperactive external awareness against hypoactive internal awareness in disorders of consciousness using resting-state functional MRI: highlighting the involvement of visuo-motor modulation. <i>NMR in Biomedicine</i> , 2014, 27, 880-886.	1.6	19
2186	Use of magnetic resonance imaging in pharmacogenomics. <i>British Journal of Clinical Pharmacology</i> , 2014, 77, 684-694.	1.1	8
2187	Altered resting-state network connectivity in congenital blind. <i>Human Brain Mapping</i> , 2014, 35, 2573-2581.	1.9	73
2188	Specific impairment of functional connectivity between language regions in former early preterms. <i>Human Brain Mapping</i> , 2014, 35, 3372-3384.	1.9	37
2189	Resting-State Functional Connectivity Modulation and Sustained Changes After Real-Time Functional Magnetic Resonance Imaging Neurofeedback Training in Depression. <i>Brain Connectivity</i> , 2014, 4, 690-701.	0.8	122
2190	Network connectivity abnormality profile supports a categorical-dimensional hybrid model of ADHD. <i>Human Brain Mapping</i> , 2014, 35, 4531-4543.	1.9	72
2191	Frequency-specific alterations in the amplitude of low-frequency fluctuations in schizophrenia. <i>Human Brain Mapping</i> , 2014, 35, 627-637.	1.9	197
2193	Impact of methodological variables on functional connectivity findings in autism spectrum disorders. <i>Human Brain Mapping</i> , 2014, 35, 4035-4048.	1.9	84
2194	Association between symptoms of psychosis and reduced functional connectivity of auditory cortex. <i>Schizophrenia Research</i> , 2014, 160, 35-42.	1.1	33
2195	A functional dissociation between language and multiple-demand systems revealed in patterns of BOLD signal fluctuations. <i>Journal of Neurophysiology</i> , 2014, 112, 1105-1118.	0.9	154
2196	Local awakening: Regional reorganizations of brain oscillations after sleep. <i>NeuroImage</i> , 2014, 102, 894-903.	2.1	33
2197	Baseline frontostriatal-limbic connectivity predicts reward-based memory formation. <i>Human Brain Mapping</i> , 2014, 35, 5921-5931.	1.9	19

#	ARTICLE	IF	CITATIONS
2198	Quantification of the Statistical Effects of Spatiotemporal Processing of Nontask fMRI Data. <i>Brain Connectivity</i> , 2014, 4, 649-661.	0.8	9
2199	Working memory-related changes in functional connectivity persist beyond task disengagement. <i>Human Brain Mapping</i> , 2014, 35, 1004-1017.	1.9	89
2200	Functional Clustering of the Human Inferior Parietal Lobule by Whole-Brain Connectivity Mapping of Resting-State Functional Magnetic Resonance Imaging Signals. <i>Brain Connectivity</i> , 2014, 4, 140130070445002.	0.8	71
2201	Neuroplasticity to a single-episode traumatic stress revealed by resting-state fMRI in awake rats. <i>NeuroImage</i> , 2014, 103, 485-491.	2.1	69
2203	Cerebellar networks in individuals at ultra high-risk of psychosis: Impact on postural sway and symptom severity. <i>Human Brain Mapping</i> , 2014, 35, 4064-4078.	1.9	104
2204	Task-Modulated Coactivation of Vergence Neural Substrates. <i>Brain Connectivity</i> , 2014, 4, 595-607.	0.8	20
2205	Network Analysis of the Default Mode Network Using Functional Connectivity MRI in Temporal Lobe Epilepsy. <i>Journal of Visualized Experiments</i> , 2014, , e51442.	0.2	22
2206	Impact of Alcohol Abuse and Dependence on the Structure and Function of the Prefrontal Cortex. , 2014, , 291-320.		1
2207	Functional neuroimaging abnormalities in idiopathic generalized epilepsy. <i>NeuroImage: Clinical</i> , 2014, 6, 455-462.	1.4	41
2208	Functional connectivity changes within specific networks parallel the clinical evolution of multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2014, 20, 1050-1057.	1.4	47
2209	The 5% difference: early sensory processing predicts sarcasm perception in schizophrenia and schizo-affective disorder. <i>Psychological Medicine</i> , 2014, 44, 25-36.	2.7	43
2210	How machine learning is shaping cognitive neuroimaging. <i>GigaScience</i> , 2014, 3, 28.	3.3	95
2211	Whole-brain connectivity analysis and classification of spinocerebellar ataxia type 7 by functional MRI. <i>Cerebellum and Ataxias</i> , 2014, 1, 2.	1.9	18
2212	What light have resting state fMRI studies shed on cognition and mood in Parkinson's disease?. <i>Journal of Clinical Movement Disorders</i> , 2014, 1, 4.	2.2	3
2213	Fast-scale network dynamics in human cortex have specific spectral covariance patterns. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 4602-4607.	3.3	3
2214	Abnormal Amygdala Resting-State Functional Connectivity in Adolescent Depression. <i>JAMA Psychiatry</i> , 2014, 71, 1138.	6.0	262
2215	Altered spontaneous neural activity in first-episode, unmedicated patients with major depressive disorder. <i>NeuroReport</i> , 2014, 25, 1302-1307.	0.6	23
2216	MRI for coma emergence and recovery. <i>Current Opinion in Critical Care</i> , 2014, 20, 168-173.	1.6	16

#	ARTICLE	IF	CITATIONS
2217	The Effect of APOE ϵ 4 Allele on Cholinesterase Inhibitors in Patients With Alzheimer Disease. <i>Alzheimer Disease and Associated Disorders</i> , 2014, 28, 122-127.	0.6	21
2218	Assessment and modulation of resting-state neural networks after stroke. <i>Current Opinion in Neurology</i> , 2014, 27, 637-643.	1.8	38
2219	Automatic classification of Alzheimer's disease with resting-state fMRI and graph theory. , 2014, , .		3
2220	Structural Loop Between the Cerebellum and the Superior Temporal Sulcus: Evidence from Diffusion Tensor Imaging. <i>Cerebral Cortex</i> , 2014, 24, 626-632.	1.6	107
2221	Brain Structure and Functional Connectivity Associated With Pornography Consumption. <i>JAMA Psychiatry</i> , 2014, 71, 827.	6.0	194
2222	Neural Responses to Expression and Gaze in the Posterior Superior Temporal Sulcus Interact with Facial Identity. <i>Cerebral Cortex</i> , 2014, 24, 737-744.	1.6	57
2223	Abnormal Amplitude of Low-Frequency Fluctuations of Intrinsic Brain Activity in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2014, 40, 387-397.	1.2	102
2224	Neural brain activation imaging. , 2014, , 112-162.		4
2225	The Neurobiology of Childhood. <i>Current Topics in Behavioral Neurosciences</i> , 2014, , .	0.8	4
2226	Abnormal resting-state connectivity of motor and cognitive networks in early manifest Huntington's disease. <i>Psychological Medicine</i> , 2014, 44, 3341-3356.	2.7	46
2227	Sensorimotor Connectivity in Parkinson's Disease: The Role of Functional Neuroimaging. <i>Frontiers in Neurology</i> , 2014, 5, 180.	1.1	63
2228	Brain Mechanisms and Reading Remediation: More Questions Than Answers. <i>Scientifica</i> , 2014, 2014, 1-9.	0.6	10
2229	Relating resting-state fMRI and EEG whole-brain connectomes across frequency bands. <i>Frontiers in Neuroscience</i> , 2014, 8, 258.	1.4	89
2230	Human Imaging Studies of Brain Circuitry Disrupted by Alcoholism. , 2014, , 131-151.		2
2231	Neuroimaging, Neural Population Models for. , 2014, , 1-29.		3
2232	Studying Dynamic Neural Interactions with MEG. , 2014, , 405-427.		2
2233	Functional Bimodality in the Brain Networks of Preterm and Term Human Newborns. <i>Cerebral Cortex</i> , 2014, 24, 2657-2668.	1.6	76
2234	Prefrontal Brain Network Connectivity Indicates Degree of Both Schizophrenia Risk and Cognitive Dysfunction. <i>Schizophrenia Bulletin</i> , 2014, 40, 653-664.	2.3	69

#	ARTICLE	IF	CITATIONS
2235	Aberrant Brain Functional Connectivity Related to Insulin Resistance in Type 2 Diabetes: A Resting-State fMRI Study. <i>Diabetes Care</i> , 2014, 37, 1689-1696.	4.3	109
2236	Windowed Correlation: A Suitable Tool for Providing Dynamic fMRI-Based Functional Connectivity Neurofeedback on Task Difficulty. <i>PLoS ONE</i> , 2014, 9, e85929.	1.1	45
2237	Functional Connectivity in Autosomal Dominant and Late-Onset Alzheimer Disease. <i>JAMA Neurology</i> , 2014, 71, 1111.	4.5	112
2238	Experimental Models of Brain Ischemia: A Review of Techniques, Magnetic Resonance Imaging, and Investigational Cell-Based Therapies. <i>Frontiers in Neurology</i> , 2014, 5, 19.	1.1	65
2239	Network Connectivity in Epilepsy: Resting State fMRI and EEG-fMRI Contributions. <i>Frontiers in Neurology</i> , 2014, 5, 93.	1.1	159
2240	A Data-Driven Method to Reduce the Impact of Region Size on Degree Metrics in Voxel-Wise Functional Brain Networks. <i>Frontiers in Neurology</i> , 2014, 5, 199.	1.1	2
2241	Mapping Epileptic Activity: Sources or Networks for the Clinicians?. <i>Frontiers in Neurology</i> , 2014, 5, 218.	1.1	55
2242	Searching for Conservation Laws in Brain Dynamics—BOLD Flux and Source Imaging. <i>Entropy</i> , 2014, 16, 3689-3709.	1.1	3
2243	Different Resting-State Functional Connectivity Alterations in Smokers and Nonsmokers with Internet Gaming Addiction. <i>BioMed Research International</i> , 2014, 2014, 1-9.	0.9	22
2244	Preclinical and Translational PET/MR Imaging. <i>Journal of Nuclear Medicine</i> , 2014, 55, 11S-18S.	2.8	56
2245	Resting-state brain activation correlates with short-time antidepressant treatment outcome in drug-naïve patients with major depressive disorder. <i>Journal of International Medical Research</i> , 2014, 42, 966-975.	0.4	31
2246	Resting-State Functional Magnetic Resonance Imaging. <i>Neurosurgery</i> , 2014, 74, 453-465.	0.6	90
2247	Advantages and Challenges of Small Animal Magnetic Resonance Imaging as a Translational Tool. <i>Neuropsychobiology</i> , 2014, 69, 187-201.	0.9	65
2248	A Classification Mechanism of Brain Functional fMRI in Resting State. <i>Applied Mechanics and Materials</i> , 2014, 687-691, 1087-1090.	0.2	0
2249	A Setup for Administering TMS to Medial and Lateral Cortical Areas During Whole-Brain fMRI Recording. <i>Journal of Clinical Neurophysiology</i> , 2014, 31, 474-487.	0.9	23
2250	Aberrant resting-state functional connectivity in limbic and salience networks in treatment-naïve clinically depressed adolescents. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2014, 55, 1317-1327.	3.1	124
2251	Assessing Low-frequency Repetitive Transcranial Magnetic Stimulation with Functional Magnetic Resonance Imaging: A Case Series. <i>Physiotherapy Research International</i> , 2014, 19, 117-125.	0.7	2
2252	Altered resting-state activity in seasonal affective disorder. <i>Human Brain Mapping</i> , 2014, 35, 161-172.	1.9	30

#	ARTICLE	IF	CITATIONS
2253	Specific frequency bands of amplitude low-frequency oscillation encodes personality. <i>Human Brain Mapping</i> , 2014, 35, 331-339.	1.9	89
2254	Task and task-free fMRI reproducibility comparison for motor network identification. <i>Human Brain Mapping</i> , 2014, 35, 340-352.	1.9	62
2255	Auditory neuroimaging with fMRI and PET. <i>Hearing Research</i> , 2014, 307, 4-15.	0.9	30
2256	The alteration of spontaneous low frequency oscillations caused by acute electromagnetic fields exposure. <i>Clinical Neurophysiology</i> , 2014, 125, 277-286.	0.7	29
2257	Hemodynamic and electrophysiological spontaneous low-frequency oscillations in the cortex: Directional influences revealed by Granger causality. <i>NeuroImage</i> , 2014, 85, 810-822.	2.1	13
2258	Quasi-periodic patterns (QPP): Large-scale dynamics in resting state fMRI that correlate with local infraslow electrical activity. <i>NeuroImage</i> , 2014, 84, 1018-1031.	2.1	148
2259	Evaluation of spatio-temporal decomposition techniques for group analysis of fMRI resting state data sets. <i>NeuroImage</i> , 2014, 87, 363-382.	2.1	13
2260	Spontaneous neuronal activity predicts intersubject variations in executive control of attention. <i>Neuroscience</i> , 2014, 263, 181-192.	1.1	47
2261	Dysconnectivity of neurocognitive networks at rest in very-preterm born adults. <i>NeuroImage: Clinical</i> , 2014, 4, 352-365.	1.4	72
2262	Deconvolution filtering: Temporal smoothing revisited. <i>Magnetic Resonance Imaging</i> , 2014, 32, 721-735.	1.0	6
2263	A kernel machine-based fMRI physiological noise removal method. <i>Magnetic Resonance Imaging</i> , 2014, 32, 150-162.	1.0	1
2264	Monochromatic Ultra-Slow (~0.1Hz) Oscillations in the human electroencephalogram and their relation to hemodynamics. <i>NeuroImage</i> , 2014, 97, 71-80.	2.1	52
2265	A preliminary study of functional connectivity of medication naïve children with obsessive-compulsive disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 53, 129-136.	2.5	21
2266	Parkinson's disease-related modulation of functional connectivity associated with the striatum in the resting state in a nonhuman primate model. <i>Brain Research</i> , 2014, 1555, 10-19.	1.1	3
2267	Gender differences in brain activity and the relationship between brain activity and differences in prevalence rates between male and female major depressive disorder patients: A resting-state fMRI study. <i>Clinical Neurophysiology</i> , 2014, 125, 2232-2239.	0.7	50
2268	Integration of visual and motor functional streams in the human brain. <i>Neuroscience Letters</i> , 2014, 567, 68-73.	1.0	29
2269	Functional connectivity and graph theory in preclinical Alzheimer's disease. <i>Neurobiology of Aging</i> , 2014, 35, 757-768.	1.5	318
2270	Linking inter-individual differences in the conflict adaptation effect to spontaneous brain activity. <i>NeuroImage</i> , 2014, 90, 146-152.	2.1	39

#	ARTICLE	IF	CITATIONS
2271	Measuring temporal, spectral and spatial changes in electrophysiological brain network connectivity. <i>NeuroImage</i> , 2014, 91, 282-299.	2.1	130
2272	Functional connectivity in the developing brain: A longitudinal study from 4 to 9 months of age. <i>NeuroImage</i> , 2014, 84, 169-180.	2.1	80
2273	Resting-state synchrony between anterior cingulate cortex and precuneus relates to body shape concern in anorexia nervosa and bulimia nervosa. <i>Psychiatry Research - Neuroimaging</i> , 2014, 221, 43-48.	0.9	83
2274	The structural and functional connectivity of the posterior cingulate cortex: Comparison between deterministic and probabilistic tractography for the investigation of structureâ€“function relationships. <i>NeuroImage</i> , 2014, 102, 118-127.	2.1	147
2275	Changes in resting functional connectivity during abstinence in stimulant use disorder: A preliminary comparison of relapsers and abstainers. <i>Drug and Alcohol Dependence</i> , 2014, 139, 145-151.	1.6	37
2276	Patient-specific connectivity pattern of epileptic network in frontal lobe epilepsy. <i>NeuroImage: Clinical</i> , 2014, 4, 668-675.	1.4	54
2277	Characterizing individual differences in functional connectivity using dual-regression and seed-based approaches. <i>NeuroImage</i> , 2014, 95, 1-12.	2.1	105
2278	Resting state functional connectivity of the nucleus accumbens in youth with a family history of alcoholism. <i>Psychiatry Research - Neuroimaging</i> , 2014, 221, 210-219.	0.9	72
2279	Dynamical intrinsic functional architecture of the brain during absence seizures. <i>Brain Structure and Function</i> , 2014, 219, 2001-2015.	1.2	99
2280	The self and its resting state in consciousness: An investigation of the vegetative state. <i>Human Brain Mapping</i> , 2014, 35, 1997-2008.	1.9	83
2281	Is neuroenhancement by noninvasive brain stimulation a net zero-sum proposition?. <i>NeuroImage</i> , 2014, 85, 1058-1068.	2.1	102
2282	Complexity of low-frequency blood oxygen levelâ€“dependent fluctuations covaries with local connectivity. <i>Human Brain Mapping</i> , 2014, 35, 1273-1283.	1.9	31
2283	Three approaches to investigating functional compromise to the default mode network after traumatic axonal injury. <i>Brain Imaging and Behavior</i> , 2014, 8, 407-419.	1.1	17
2284	Increased functional connectivity within memory networks following memory rehabilitation in multiple sclerosis. <i>Brain Imaging and Behavior</i> , 2014, 8, 394-402.	1.1	81
2285	Changes in cerebral morphometry and amplitude of low-frequency fluctuations of BOLD signals during healthy aging: correlation with inhibitory control. <i>Brain Structure and Function</i> , 2014, 219, 983-994.	1.2	85
2286	Aberrant connectivity of areas for decoding degraded speech in patients with auditory verbal hallucinations. <i>Brain Structure and Function</i> , 2014, 219, 581-594.	1.2	58
2287	Interleukin-1 beta C-511T polymorphism modulates functional connectivity of anterior midcingulate cortex in non-demented elderly Han males. <i>Brain Structure and Function</i> , 2014, 219, 61-69.	1.2	7
2288	Neural correlate of resting-state functional connectivity under \pm adrenergic receptor agonist, medetomidine. <i>NeuroImage</i> , 2014, 84, 27-34.	2.1	42

#	ARTICLE	IF	CITATIONS
2290	Identifying the default mode network structure using dynamic causal modeling on resting-state functional magnetic resonance imaging. <i>NeuroImage</i> , 2014, 86, 53-59.	2.1	114
2291	Direct, intraoperative observation of ~ 0.1 Hz hemodynamic oscillations in awake human cortex: Implications for fMRI. <i>NeuroImage</i> , 2014, 87, 323-331.	2.1	80
2292	Fusing DTI and fMRI data: A survey of methods and applications. <i>NeuroImage</i> , 2014, 102, 184-191.	2.1	108
2293	Differentially Disrupted Functional Connectivity in Posteromedial Cortical Subregions in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2014, 39, 527-543.	1.2	26
2294	Evaluation of Statistical Inference on Empirical Resting State fMRI. <i>IEEE Transactions on Biomedical Engineering</i> , 2014, 61, 1091-1099.	2.5	8
2295	A wavelet method for modeling and despiking motion artifacts from resting-state fMRI time series. <i>NeuroImage</i> , 2014, 95, 287-304.	2.1	336
2296	Detecting resting-state brain activity by spontaneous cerebral blood volume fluctuations using whole brain vascular space occupancy imaging. <i>NeuroImage</i> , 2014, 84, 575-584.	2.1	18
2297	Resting state functional MRI in Parkinson's disease: the impact of deep brain stimulation on "effective" connectivity. <i>Brain</i> , 2014, 137, 1130-1144.	3.7	196
2298	Dynamic and static contributions of the cerebrovasculature to the resting-state BOLD signal. <i>NeuroImage</i> , 2014, 84, 672-680.	2.1	51
2299	Connecting the Dots: A Review of Resting Connectivity MRI Studies in Attention-Deficit/Hyperactivity Disorder. <i>Neuropsychology Review</i> , 2014, 24, 3-15.	2.5	201
2300	An investigation into the functional and structural connectivity of the Default Mode Network. <i>NeuroImage</i> , 2014, 90, 381-389.	2.1	42
2301	Distributed BOLD and CBV-weighted resting-state networks in the mouse brain. <i>NeuroImage</i> , 2014, 87, 403-415.	2.1	199
2302	Broad intrinsic functional connectivity boundaries of the macaque prefrontal cortex. <i>NeuroImage</i> , 2014, 88, 202-211.	2.1	24
2303	Cognitive and physical training for the elderly: Evaluating outcome efficacy by means of neurophysiological synchronization. <i>International Journal of Psychophysiology</i> , 2014, 93, 1-11.	0.5	45
2304	A DCM for resting state fMRI. <i>NeuroImage</i> , 2014, 94, 396-407.	2.1	460
2305	A preliminary study on the effects of acute ethanol ingestion on default mode network and temporal fractal properties of the brain. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2014, 27, 291-301.	1.1	26
2306	Functional Brain Connectivity Using fMRI in Aging and Alzheimer's Disease. <i>Neuropsychology Review</i> , 2014, 24, 49-62.	2.5	427
2307	Strengthening Connections: Functional Connectivity and Brain Plasticity. <i>Neuropsychology Review</i> , 2014, 24, 63-76.	2.5	98

#	ARTICLE	IF	CITATIONS
2308	The Implications of Brain Connectivity in the Neuropsychology of Autism. <i>Neuropsychology Review</i> , 2014, 24, 16-31.	2.5	204
2309	Aberrant interhemispheric functional coordination in patients with HBV-related cirrhosis and minimal hepatic encephalopathy. <i>Metabolic Brain Disease</i> , 2014, 29, 617-623.	1.4	16
2310	MRI Default Mode Network Connectivity is Associated with Functional Outcome After Cardiopulmonary Arrest. <i>Neurocritical Care</i> , 2014, 20, 348-357.	1.2	53
2311	Multi-region hemispheric specialization differentiates human from nonhuman primate brain function. <i>Brain Structure and Function</i> , 2014, 219, 2187-2194.	1.2	31
2312	Low-Dimensional Dynamics of Resting-State Cortical Activity. <i>Brain Topography</i> , 2014, 27, 338-352.	0.8	50
2313	The cross-functional role of frontoparietal regions in cognition: internal attention as the overarching mechanism. <i>Progress in Neurobiology</i> , 2014, 116, 66-86.	2.8	75
2314	Brain Development in Preterm Infants Assessed Using Advanced MRI Techniques. <i>Clinics in Perinatology</i> , 2014, 41, 25-45.	0.8	17
2315	Bridging the Gap between the Human and Macaque Connectome: A Quantitative Comparison of Global Interspecies Structure-Function Relationships and Network Topology. <i>Journal of Neuroscience</i> , 2014, 34, 5552-5563.	1.7	129
2316	Functional Streams and Cortical Integration in the Human Brain. <i>Neuroscientist</i> , 2014, 20, 499-508.	2.6	36
2317	Resting State Functional Magnetic Resonance Imaging in Parkinson's Disease. <i>Current Neurology and Neuroscience Reports</i> , 2014, 14, 448.	2.0	74
2318	Tracking Whole-Brain Connectivity Dynamics in the Resting State. <i>Cerebral Cortex</i> , 2014, 24, 663-676.	1.6	2,426
2319	Oral contraceptive pill use and menstrual cycle phase are associated with altered resting state functional connectivity. <i>NeuroImage</i> , 2014, 90, 24-32.	2.1	175
2320	Placebo analgesia and reward processing: Integrating genetics, personality, and intrinsic brain activity. <i>Human Brain Mapping</i> , 2014, 35, 4583-4593.	1.9	70
2321	Functional brain networks and cognitive deficits in Parkinson's disease. <i>Human Brain Mapping</i> , 2014, 35, 4620-4634.	1.9	189
2322	Bipolar and borderline patients display differential patterns of functional connectivity among resting state networks. <i>NeuroImage</i> , 2014, 98, 73-81.	2.1	69
2323	A Systems Neuroscience Perspective of Schizophrenia and Bipolar Disorder. <i>Schizophrenia Bulletin</i> , 2014, 40, 523-531.	2.3	60
2324	Dopamine precursor depletion impairs structure and efficiency of resting state brain functional networks. <i>Neuropharmacology</i> , 2014, 84, 90-100.	2.0	48
2325	Changes in whole-brain functional networks and memory performance in aging. <i>Neurobiology of Aging</i> , 2014, 35, 2193-2202.	1.5	124

#	ARTICLE	IF	CITATIONS
2326	Concussions in Athletics. , 2014, , .		8
2327	Parcellating an Individual Subject's Cortical and Subcortical Brain Structures Using Snowball Sampling of Resting-State Correlations. <i>Cerebral Cortex</i> , 2014, 24, 2036-2054.	1.6	115
2328	An approach for parcellating human cortical areas using resting-state correlations. <i>NeuroImage</i> , 2014, 93, 276-291.	2.1	167
2329	Network-dependent modulation of brain activity during sleep. <i>NeuroImage</i> , 2014, 98, 1-10.	2.1	44
2330	Time-dependent effects of isoflurane and dexmedetomidine on functional connectivity, spectral characteristics, and spatial distribution of spontaneous BOLD fluctuations. <i>NMR in Biomedicine</i> , 2014, 27, 291-303.	1.6	66
2331	The influence of spatial resolution and smoothing on the detectability of resting-state and task fMRI. <i>NeuroImage</i> , 2014, 86, 221-230.	2.1	54
2332	ICA-based artefact removal and accelerated fMRI acquisition for improved resting state network imaging. <i>NeuroImage</i> , 2014, 95, 232-247.	2.1	1,148
2333	Early Failure of the Defaultâ€Mode Network and the Pathogenesis of Alzheimer's Disease. <i>CNS Neuroscience and Therapeutics</i> , 2014, 20, 692-698.	1.9	50
2334	Using resting state functional connectivity to unravel networks of tinnitus. <i>Hearing Research</i> , 2014, 307, 153-162.	0.9	183
2335	Multiple Sclerosis: Altered Thalamic Resting-State Functional Connectivity and Its Effect on Cognitive Function. <i>Radiology</i> , 2014, 271, 814-821.	3.6	116
2336	Global Resting-State Functional Magnetic Resonance Imaging Analysis Identifies Frontal Cortex, Striatal, and Cerebellar Dysconnectivity in Obsessive-Compulsive Disorder. <i>Biological Psychiatry</i> , 2014, 75, 595-605.	0.7	222
2337	Auditory network connectivity in tinnitus patients: A resting-state fMRI study. <i>International Journal of Audiology</i> , 2014, 53, 192-198.	0.9	60
2338	Reprint of: Mapping connectivity in the developing brain. <i>International Journal of Developmental Neuroscience</i> , 2014, 32, 41-57.	0.7	17
2339	How delays matter in an oscillatory whole-brain spiking-neuron network model for MEG alpha-rhythms at rest. <i>NeuroImage</i> , 2014, 87, 383-394.	2.1	50
2340	Topological organization of the human brain functional connectome across the lifespan. <i>Developmental Cognitive Neuroscience</i> , 2014, 7, 76-93.	1.9	380
2341	Estimates of segregation and overlap of functional connectivity networks in the human cerebral cortex. <i>NeuroImage</i> , 2014, 88, 212-227.	2.1	220
2342	Cerebral gray matter volumes and low-frequency fluctuation of BOLD signals in cocaine dependence: Duration of use and gender difference. <i>Drug and Alcohol Dependence</i> , 2014, 134, 51-62.	1.6	60
2343	Light Propagation in NIR Spectroscopy of the Human Brain. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2014, 20, 289-298.	1.9	40

#	ARTICLE	IF	CITATIONS
2344	Bayesian network models in brain functional connectivity analysis. <i>International Journal of Approximate Reasoning</i> , 2014, 55, 23-35.	1.9	15
2345	Connectivity-based approaches in stroke and recovery of function. <i>Lancet Neurology</i> , The, 2014, 13, 206-216.	4.9	416
2346	Abnormal default-mode network homogeneity in first-episode, drug-naïve schizophrenia at rest. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 49, 16-20.	2.5	94
2347	Exploring the network dynamics underlying brain activity during rest. <i>Progress in Neurobiology</i> , 2014, 114, 102-131.	2.8	309
2348	The brain network reflecting bodily self-consciousness: a functional connectivity study. <i>Social Cognitive and Affective Neuroscience</i> , 2014, 9, 1904-1913.	1.5	96
2349	Infra-Slow EEG Fluctuations Are Correlated with Resting-State Network Dynamics in fMRI. <i>Journal of Neuroscience</i> , 2014, 34, 356-362.	1.7	181
2350	A New Foundation for Representation in Cognitive and Brain Science. , 2014, , .		5
2351	Reactivity of sensorimotor oscillations is altered in children with hemiplegic cerebral palsy: A magnetoencephalographic study. <i>Human Brain Mapping</i> , 2014, 35, 4105-4117.	1.9	44
2352	Studying Brain Organization via Spontaneous fMRI Signal. <i>Neuron</i> , 2014, 84, 681-696.	3.8	239
2353	Altered temporal variance and neural synchronization of spontaneous brain activity in anesthesia. <i>Human Brain Mapping</i> , 2014, 35, 5368-5378.	1.9	63
2354	Ageing effects on the resting state motor network and interlimb coordination. <i>Human Brain Mapping</i> , 2014, 35, 3945-3961.	1.9	53
2355	Caffeine alters resting-state functional connectivity measured by blood oxygenation level-dependent MRI. <i>NMR in Biomedicine</i> , 2014, 27, 444-452.	1.6	27
2356	Synchronous Multiscale Neuroimaging Environment for Critically Sampled Physiological Analysis of Brain Function: Hepta-Scan Concept. <i>Brain Connectivity</i> , 2014, 4, 677-689.	0.8	53
2357	Early morphological brain abnormalities in patients with amnesic mild cognitive impairment. <i>Translational Neuroscience</i> , 2014, 5, .	0.7	11
2358	Localizing hand motor area using resting-state fMRI: validated with direct cortical stimulation. <i>Acta Neurochirurgica</i> , 2014, 156, 2295-2302.	0.9	50
2359	Functional connectivity-based parcellation of amygdala using self-organized mapping: A data driven approach. <i>Human Brain Mapping</i> , 2014, 35, 1247-1260.	1.9	55
2360	In Alzheimer's Disease, Hypometabolism in Low-Amyloid Brain Regions May Be a Functional Consequence of Pathologies in Connected Brain Regions. <i>Brain Connectivity</i> , 2014, 4, 371-383.	0.8	28
2361	Early Evaluation of Nerve Regeneration After Nerve Injury and Repair Using Functional Connectivity MRI. <i>Neurorehabilitation and Neural Repair</i> , 2014, 28, 707-715.	1.4	9

#	ARTICLE	IF	CITATIONS
2362	Slow fluctuations in eye position and resting-state functional magnetic resonance imaging brain activity during visual fixation. <i>European Journal of Neuroscience</i> , 2014, 40, 3828-3835.	1.2	12
2363	Improved correspondence of resting-state networks after macroanatomical alignment. <i>Human Brain Mapping</i> , 2014, 35, 673-682.	1.9	9
2364	Functional parcellation of the hippocampus by clustering resting state fMRI signals. , 2014, , .		6
2365	Resting-State Functional Connectivity Changes in Aging apoE4 and apoE-KO Mice. <i>Journal of Neuroscience</i> , 2014, 34, 13963-13975.	1.7	68
2366	Magnetic Resonance Imaging at Ultrahigh Fields. <i>IEEE Transactions on Biomedical Engineering</i> , 2014, 61, 1364-1379.	2.5	118
2367	Low-frequency calcium oscillations accompany deoxyhemoglobin oscillations in rat somatosensory cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E4677-86.	3.3	49
2368	Visual Mapping Using Blood Oxygen Level Dependent Functional Magnetic Resonance Imaging. <i>Neuroimaging Clinics of North America</i> , 2014, 24, 573-584.	0.5	33
2369	Resting-State Blood Oxygen Level-Dependent Functional Magnetic Resonance Imaging for Presurgical Planning. <i>Neuroimaging Clinics of North America</i> , 2014, 24, 655-669.	0.5	14
2370	Evaluation of a multiple spin- and gradient-echo (SAGE) EPI acquisition with SENSE acceleration: Applications for perfusion imaging in and outside the brain. <i>Magnetic Resonance Imaging</i> , 2014, 32, 1171-1180.	1.0	30
2371	Neuronal or Hemodynamic? Grappling with the Functional MRI Signal. <i>Brain Connectivity</i> , 2014, 4, 487-498.	0.8	25
2372	Integration of Resting-State fMRI and Diffusion-Weighted MRI Connectivity Analyses of the Human Brain: Limitations and Improvement. <i>Journal of Neuroimaging</i> , 2014, 24, 176-186.	1.0	15
2373	Mapping human brain networks with cortico-cortical evoked potentials. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130528.	1.8	165
2374	Using the Virtual Brain to Reveal the Role of Oscillations and Plasticity in Shaping Brain's Dynamical Landscape. <i>Brain Connectivity</i> , 2014, 4, 791-811.	0.8	47
2375	Anatomic Connectivity Assessed Using Pathway Radial Diffusivity Is Related to Functional Connectivity in Monosynaptic Pathways. <i>Brain Connectivity</i> , 2014, 4, 558-565.	0.8	15
2376	The evolving role of neurological imaging in neuro-oncology. <i>Journal of Neuro-Oncology</i> , 2014, 119, 491-502.	1.4	2
2377	What has functional connectivity and chemical neuroimaging in fibromyalgia taught us about the mechanisms and management of 'centralized' pain?. <i>Arthritis Research and Therapy</i> , 2014, 16, 425.	1.6	70
2378	Quantifying the Statistical Impact of GRAPPA in fMRI Data With a Real-Valued Isomorphism. <i>IEEE Transactions on Medical Imaging</i> , 2014, 33, 495-503.	5.4	6
2379	A functional MRI study of the relationship between naming treatment outcomes and resting state functional connectivity in post-stroke aphasia. <i>Human Brain Mapping</i> , 2014, 35, 3919-3931.	1.9	86

#	ARTICLE	IF	CITATIONS
2380	Aberrant spontaneous brain activity in chronic tinnitus patients revealed by resting-state functional MRI. <i>NeuroImage: Clinical</i> , 2014, 6, 222-228.	1.4	70
2381	The Influence of Physiological Noise Correction on Test-Retest Reliability of Resting-State Functional Connectivity. <i>Brain Connectivity</i> , 2014, 4, 511-522.	0.8	84
2382	Spontaneous neural activity alterations in temporomandibular disorders: A cross-sectional and longitudinal resting-state functional magnetic resonance imaging study. <i>Neuroscience</i> , 2014, 278, 1-10.	1.1	29
2383	<i>DynamicBC</i> : A MATLAB Toolbox for Dynamic Brain Connectome Analysis. <i>Brain Connectivity</i> , 2014, 4, 780-790.	0.8	221
2384	Memory consolidation of fear conditioning: Bi-stable amygdala connectivity with dorsal anterior cingulate and medial prefrontal cortex. <i>Social Cognitive and Affective Neuroscience</i> , 2014, 9, 1730-1737.	1.5	47
2385	Template based rotation: A method for functional connectivity analysis with a priori templates. <i>NeuroImage</i> , 2014, 102, 620-636.	2.1	47
2386	When you smile, you become happy: Evidence from resting state task-based fMRI. <i>Biological Psychology</i> , 2014, 103, 100-106.	1.1	20
2387	Impact of autocorrelation on functional connectivity. <i>NeuroImage</i> , 2014, 102, 294-308.	2.1	95
2388	Functional Specialization in the Human Brain Estimated By Intrinsic Hemispheric Interaction. <i>Journal of Neuroscience</i> , 2014, 34, 12341-12352.	1.7	120
2389	Resting state connectivity immediately following learning correlates with subsequent sleep-dependent enhancement of motor task performance. <i>NeuroImage</i> , 2014, 102, 666-673.	2.1	59
2390	Brain connectivity in neurodegenerative diseases—from phenotype to proteinopathy. <i>Nature Reviews Neurology</i> , 2014, 10, 620-633.	4.9	258
2391	Altered spontaneous neuronal activity of visual cortex and medial anterior cingulate cortex in treatment-naïve posttraumatic stress disorder. <i>Comprehensive Psychiatry</i> , 2014, 55, 1688-1695.	1.5	31
2392	Contemporary Methods for Functional Tomographic Neuroimaging in Studies of Brain Functions in Health and Pathology. <i>Neuroscience and Behavioral Physiology</i> , 2014, 44, 982-988.	0.2	3
2393	High-resolution photoacoustic tomography of resting-state functional connectivity in the mouse brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 21-26.	3.3	276
2394	Disruption of functional organization within the primary motor cortex in children with autism. <i>Human Brain Mapping</i> , 2014, 35, 567-580.	1.9	185
2395	Pharmacological insight into neurotransmission origins of resting-state functional connectivity: ± 2 -adrenergic agonist vs antagonist. <i>NeuroImage</i> , 2014, 103, 364-373.	2.1	16
2396	Neuroelectrical Decomposition of Spontaneous Brain Activity Measured with Functional Magnetic Resonance Imaging. <i>Cerebral Cortex</i> , 2014, 24, 3080-3089.	1.6	16
2397	The effects of deafferentation without deafferentation on functional connectivity in patients with facial palsy. <i>NeuroImage: Clinical</i> , 2014, 6, 26-31.	1.4	31

#	ARTICLE	IF	CITATIONS
2398	Differentiating BOLD and non-BOLD signals in fMRI time series from anesthetized rats using multi-echo EPI at 11.7T. <i>NeuroImage</i> , 2014, 102, 861-874.	2.1	51
2399	Imaging Frontotemporal Lobar Degeneration. <i>Current Neurology and Neuroscience Reports</i> , 2014, 14, 489.	2.0	41
2400	Optimizing affinity measures for parcellating brain structures based on resting state fMRI data: A validation on medial superior frontal cortex. <i>Journal of Neuroscience Methods</i> , 2014, 237, 90-102.	1.3	17
2401	Intrinsic Brain Abnormalities in Attention Deficit Hyperactivity Disorder: A Resting-State Functional MR Imaging Study. <i>Radiology</i> , 2014, 272, 514-523.	3.6	71
2402	Dynamic functional connectivity of the default mode network tracks daydreaming. <i>NeuroImage</i> , 2014, 100, 471-480.	2.1	302
2403	Functional and Structural MRI in Alzheimer's Disease: A Multimodal Approach. , 2014, , 371-422.		0
2405	Wavelet coherence analysis of prefrontal oxygenation signals in elderly subjects with hypertension. <i>Physiological Measurement</i> , 2014, 35, 777-791.	1.2	80
2406	Altered brain network modules induce helplessness in major depressive disorder. <i>Journal of Affective Disorders</i> , 2014, 168, 21-29.	2.0	57
2407	Semi-supervised learning of brain functional networks. , 2014, , .		0
2408	Neural correlates of substance abuse: Reduced functional connectivity between areas underlying reward and cognitive control. <i>Human Brain Mapping</i> , 2014, 35, 4282-4292.	1.9	83
2409	The neural correlates of tic inhibition in Gilles de la Tourette syndrome. <i>Neuropsychologia</i> , 2014, 65, 297-301.	0.7	75
2410	Lewy body compared with Alzheimer dementia is associated with decreased functional connectivity in resting state networks. <i>Psychiatry Research - Neuroimaging</i> , 2014, 223, 192-201.	0.9	52
2411	Physiological measurements using ultra-high field fMRI: a review. <i>Physiological Measurement</i> , 2014, 35, R167-R185.	1.2	10
2412	Resting State fMRI in the moving fetus: A robust framework for motion, bias field and spin history correction. <i>NeuroImage</i> , 2014, 101, 555-568.	2.1	60
2413	Compensatory recruitment of neural resources in chronic alcoholism. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2014, 125, 369-380.	1.0	22
2414	Resting-state functional connectivity in women with Major Depressive Disorder. <i>Journal of Psychiatric Research</i> , 2014, 59, 38-44.	1.5	24
2415	Developmental Resting State Functional Connectivity for Clinicians. <i>Current Behavioral Neuroscience Reports</i> , 2014, 1, 161-169.	0.6	14
2416	Default mode network in young male adults with autism spectrum disorder: relationship with autism spectrum traits. <i>Molecular Autism</i> , 2014, 5, 35.	2.6	120

#	ARTICLE	IF	CITATIONS
2417	The neural basis of unwanted thoughts during resting state. <i>Social Cognitive and Affective Neuroscience</i> , 2014, 9, 1320-1324.	1.5	40
2418	Serotonergic Modulation of Intrinsic Functional Connectivity. <i>Current Biology</i> , 2014, 24, 2314-2318.	1.8	82
2419	Disrupted functional connectivity of the hippocampus in patients with hyperthyroidism: Evidence from resting-state fMRI. <i>European Journal of Radiology</i> , 2014, 83, 1907-1913.	1.2	36
2420	Understanding human original actions directed at real-world goals: The role of the lateral prefrontal cortex. <i>NeuroImage</i> , 2014, 103, 91-105.	2.1	4
2421	Brain network alterations in Alzheimer's disease measured by Eigenvector centrality in fMRI are related to cognition and CSF biomarkers. <i>Human Brain Mapping</i> , 2014, 35, 2383-2393.	1.9	108
2422	Functional brain networks contributing to the Parieto-Frontal Integration Theory of Intelligence. <i>NeuroImage</i> , 2014, 103, 349-354.	2.1	87
2424	The association between TOMM40 gene polymorphism and spontaneous brain activity in amnesic mild cognitive impairment. <i>Journal of Neurology</i> , 2014, 261, 1499-1507.	1.8	21
2425	Inter- and Intra-Subject Variability of Neuromagnetic Resting State Networks. <i>Brain Topography</i> , 2014, 27, 620-634.	0.8	50
2426	Altered brain functional connectivity in hemodialysis patients with end-stage renal disease: a resting-state functionalMR imaging study. <i>Metabolic Brain Disease</i> , 2014, 29, 777-786.	1.4	40
2427	The Neural Basis of Time-Varying Resting-State Functional Connectivity. <i>Brain Connectivity</i> , 2014, 4, 769-779.	0.8	126
2428	Noise-induced organized slow fluctuations in networks of neural areas with interarea feed-forward excitation and inhibition. <i>Physical Review E</i> , 2014, 89, 062710.	0.8	0
2429	Meta-Analysis in Human Neuroimaging: Computational Modeling of Large-Scale Databases. <i>Annual Review of Neuroscience</i> , 2014, 37, 409-434.	5.0	162
2430	Visual Cortex Extrastriate Body-Selective Area Activation in Congenitally Blind People "Seeing" by Using Sounds. <i>Current Biology</i> , 2014, 24, 687-692.	1.8	142
2431	Fractional amplitude of low-frequency fluctuation changes in monkeys with spinal cord injury: A resting-state fMRI study. <i>Magnetic Resonance Imaging</i> , 2014, 32, 482-486.	1.0	24
2432	Reduction of motion-related artifacts in resting state fMRI using aCompCor. <i>NeuroImage</i> , 2014, 96, 22-35.	2.1	351
2433	Non-negative matrix factorization of multimodal MRI, fMRI and phenotypic data reveals differential changes in default mode subnetworks in ADHD. <i>NeuroImage</i> , 2014, 102, 207-219.	2.1	109
2434	Amygdala task-evoked activity and task-free connectivity independently contribute to feelings of arousal. <i>Human Brain Mapping</i> , 2014, 35, 5316-5327.	1.9	28
2435	Functional organization of intrinsic connectivity networks in Chinese-chess experts. <i>Brain Research</i> , 2014, 1558, 33-43.	1.1	34

#	ARTICLE	IF	CITATIONS
2436	Intrinsic and Task-Evoked Network Architectures of the Human Brain. <i>Neuron</i> , 2014, 83, 238-251.	3.8	1,369
2437	Imaging Functional and Structural Brain Connectomics in Attention-Deficit/Hyperactivity Disorder. <i>Molecular Neurobiology</i> , 2014, 50, 1111-1123.	1.9	137
2438	Disrupted structural and functional brain connectomes in mild cognitive impairment and Alzheimer's disease. <i>Neuroscience Bulletin</i> , 2014, 30, 217-232.	1.5	135
2439	Fetal Alcohol Spectrum Disorders: Recent Neuroimaging Findings. <i>Current Developmental Disorders Reports</i> , 2014, 1, 161-172.	0.9	91
2440	Functional connectivity of distant cortical regions: Role of remote synchronization and symmetry in interactions. <i>NeuroImage</i> , 2014, 97, 1-8.	2.1	57
2441	MRI in Psychiatry. , 2014, , .		3
2442	Network Dysfunction in Alzheimer's Disease: Refining the Disconnection Hypothesis. <i>Brain Connectivity</i> , 2014, 4, 299-311.	0.8	151
2443	Fractal analysis of spontaneous fluctuations of the BOLD signal in the human brain networks. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 39, 1118-1125.	1.9	1
2444	Cortico-striatal-thalamic network functional connectivity in hemiparkinsonism. <i>Neurobiology of Aging</i> , 2014, 35, 2592-2602.	1.5	77
2445	Resilience of developing brain networks to interictal epileptiform discharges is associated with cognitive outcome. <i>Brain</i> , 2014, 137, 2690-2702.	3.7	90
2447	Wavelet coherence analysis of prefrontal tissue oxyhaemoglobin signals as measured using near-infrared spectroscopy in elderly subjects with cerebral infarction. <i>Microvascular Research</i> , 2014, 95, 108-115.	1.1	20
2448	Intersubject Variability of and Genetic Effects on the Brain's Functional Connectivity during Infancy. <i>Journal of Neuroscience</i> , 2014, 34, 11288-11296.	1.7	105
2449	Simultaneous EEG-fMRI acquisition at low, high and ultra-high magnetic fields up to 9.4T: Perspectives and challenges. <i>NeuroImage</i> , 2014, 102, 71-79.	2.1	32
2450	Resting state functional connectivity: Its physiological basis and application in neuropharmacology. <i>Neuropharmacology</i> , 2014, 84, 79-89.	2.0	53
2451	Dynamic model for the tissue concentration and oxygen saturation of hemoglobin in relation to blood volume, flow velocity, and oxygen consumption: Implications for functional neuroimaging and coherent hemodynamics spectroscopy (CHS). <i>NeuroImage</i> , 2014, 85, 202-221.	2.1	99
2452	Spatial variability of functional brain networks in early-blind and sighted subjects. <i>NeuroImage</i> , 2014, 95, 208-216.	2.1	12
2453	The impact of image smoothness on intrinsic functional connectivity and head motion confounds. <i>NeuroImage</i> , 2014, 95, 13-21.	2.1	62
2454	Altered regional homogeneity and efficient response inhibition in restrained eaters. <i>Neuroscience</i> , 2014, 266, 116-126.	1.1	30

#	ARTICLE	IF	CITATIONS
2455	Lag-based effective connectivity applied to fMRI: A simulation study highlighting dependence on experimental parameters and formulation. <i>NeuroImage</i> , 2014, 89, 358-377.	2.1	57
2456	Sex differences in resting state neural networks of nicotine-dependent cigarette smokers. <i>Addictive Behaviors</i> , 2014, 39, 789-792.	1.7	32
2457	Moving forward: Age effects on the cerebellum underlie cognitive and motor declines. <i>Neuroscience and Biobehavioral Reviews</i> , 2014, 42, 193-207.	2.9	162
2458	Spontaneous brain activity in adult patients with moyamoya disease: a resting-state fMRI study. <i>Brain Research</i> , 2014, 1546, 27-33.	1.1	31
2459	Resting state functional connectivity of the basal nucleus of Meynert in humans: In comparison to the ventral striatum and the effects of age. <i>NeuroImage</i> , 2014, 97, 321-332.	2.1	76
2460	Brain regional homogeneity changes following transjugular intrahepatic portosystemic shunt in cirrhotic patients support cerebral adaptability theoryâ€”A resting-state functional MRI study. <i>European Journal of Radiology</i> , 2014, 83, 578-583.	1.2	14
2461	Detection of functional connectivity in the resting mouse brain. <i>NeuroImage</i> , 2014, 86, 417-424.	2.1	96
2462	Resting-state functional connectivity and reading abilities in first and second languages. <i>NeuroImage</i> , 2014, 84, 546-553.	2.1	33
2463	Dynamic changes of spatial functional network connectivity in healthy individuals and schizophrenia patients using independent vector analysis. <i>NeuroImage</i> , 2014, 90, 196-206.	2.1	175
2464	Brain resting-state functional MRI connectivity: Morphological foundation and plasticity. <i>NeuroImage</i> , 2014, 84, 1-10.	2.1	52
2465	Polarity-specific effects of motor transcranial direct current stimulation on fMRI resting state networks. <i>NeuroImage</i> , 2014, 88, 155-161.	2.1	92
2466	Coherent slow cortical potentials reveal a superior localization of resting-state functional connectivity using voltage-sensitive dye imaging. <i>NeuroImage</i> , 2014, 91, 162-168.	2.1	8
2467	Pediatric Tourette syndrome: Insights from recent neuroimaging studies. <i>Journal of Obsessive-Compulsive and Related Disorders</i> , 2014, 3, 386-393.	0.7	32
2468	Alteration of functional connectivity within visuospatial working memory-related brain network in patients with right temporal lobe epilepsy: A resting-state fMRI study. <i>Epilepsy and Behavior</i> , 2014, 35, 64-71.	0.9	28
2469	Longitudinal assessment of default-mode brain function in aging. <i>Neurobiology of Aging</i> , 2014, 35, 2107-2117.	1.5	94
2470	The relationship between MEG and fMRI. <i>NeuroImage</i> , 2014, 102, 80-91.	2.1	124
2471	Understanding brain networks and brain organization. <i>Physics of Life Reviews</i> , 2014, 11, 400-435.	1.5	294
2472	Group-level spatial independent component analysis of Fourier envelopes of resting-state MEG data. <i>NeuroImage</i> , 2014, 86, 480-491.	2.1	23

#	ARTICLE	IF	CITATIONS
2473	Exploring mechanisms of spontaneous functional connectivity in MEG: How delayed network interactions lead to structured amplitude envelopes of band-pass filtered oscillations. <i>NeuroImage</i> , 2014, 90, 423-435.	2.1	287
2474	fMRI resting state networks and their association with cognitive fluctuations in dementia with Lewy bodies. <i>NeuroImage: Clinical</i> , 2014, 4, 558-565.	1.4	93
2475	Disrupted modular organization of resting-state cortical functional connectivity in U.S. military personnel following concussive "mild" blast-related traumatic brain injury. <i>NeuroImage</i> , 2014, 84, 76-96.	2.1	120
2476	Somatotopic reorganization of hand representation in bilateral arm amputees with or without special foot movement skill. <i>Brain Research</i> , 2014, 1546, 9-17.	1.1	18
2477	Altered functional connectivity of the language network in ASD: Role of classical language areas and cerebellum. <i>NeuroImage: Clinical</i> , 2014, 4, 374-382.	1.4	139
2478	Tricks of the mind: Visual hallucinations as disorders of attention. <i>Progress in Neurobiology</i> , 2014, 116, 58-65.	2.8	156
2479	An eight month randomized controlled exercise intervention alters resting state synchrony in overweight children. <i>Neuroscience</i> , 2014, 256, 445-455.	1.1	60
2480	Altered resting-state functional connectivity in patients with chronic bilateral vestibular failure. <i>NeuroImage: Clinical</i> , 2014, 4, 488-499.	1.4	43
2481	Identification of Optimal Structural Connectivity Using Functional Connectivity and Neural Modeling. <i>Journal of Neuroscience</i> , 2014, 34, 7910-7916.	1.7	138
2482	Lag structure in resting-state fMRI. <i>Journal of Neurophysiology</i> , 2014, 111, 2374-2391.	0.9	161
2483	Combining Spatial Independent Component Analysis with Regression to Identify the Subcortical Components of Resting-State fMRI Functional Networks. <i>Brain Connectivity</i> , 2014, 4, 181-192.	0.8	6
2484	Identifying and Characterizing Resting State Networks in Temporally Dynamic Functional Connectomes. <i>Brain Topography</i> , 2014, 27, 747-765.	0.8	11
2485	Flexible modulation of network connectivity related to cognition in Alzheimer's disease. <i>NeuroImage</i> , 2014, 100, 544-557.	2.1	18
2486	Comparison of structural covariance with functional connectivity approaches exemplified by an investigation of the left anterior insula. <i>NeuroImage</i> , 2014, 99, 269-280.	2.1	55
2487	Association between resting-state functional connectivity and empathizing/systemizing. <i>NeuroImage</i> , 2014, 99, 312-322.	2.1	84
2488	Interplay between functional connectivity and scale-free dynamics in intrinsic fMRI networks. <i>NeuroImage</i> , 2014, 95, 248-263.	2.1	107
2489	Test-retest reliabilities of resting-state FMRI measurements in human brain functional connectomics: A systems neuroscience perspective. <i>Neuroscience and Biobehavioral Reviews</i> , 2014, 45, 100-118.	2.9	569
2490	Modeling Resting-State Functional Networks When the Cortex Falls Asleep: Local and Global Changes. <i>Cerebral Cortex</i> , 2014, 24, 3180-3194.	1.6	65

#	ARTICLE	IF	CITATIONS
2491	How Local Excitation-Inhibition Ratio Impacts the Whole Brain Dynamics. <i>Journal of Neuroscience</i> , 2014, 34, 7886-7898.	1.7	303
2492	On nodes and modes in resting state fMRI. <i>NeuroImage</i> , 2014, 99, 533-547.	2.1	72
2493	Investigating intrinsic connectivity networks using simultaneous BOLD and CBF measurements. <i>NeuroImage</i> , 2014, 99, 111-121.	2.1	14
2494	Phase based venous suppression in resting-state BOLD GE-fMRI. <i>NeuroImage</i> , 2014, 100, 51-59.	2.1	25
2495	Matched-filter acquisition for BOLD fMRI. <i>NeuroImage</i> , 2014, 100, 145-160.	2.1	31
2496	Shrinkage prediction of seed-voxel brain connectivity using resting state fMRI. <i>NeuroImage</i> , 2014, 102, 938-944.	2.1	26
2497	Functional and anatomical brain deficits in drug-naive major depressive disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 54, 1-6.	2.5	61
2498	Fine-grained mapping of mouse brain functional connectivity with resting-state fMRI. <i>NeuroImage</i> , 2014, 96, 203-215.	2.1	69
2499	Why network neuroscience? Compelling evidence and current frontiers. <i>Physics of Life Reviews</i> , 2014, 11, 455-457.	1.5	9
2500	Restricted Boltzmann machines for neuroimaging: An application in identifying intrinsic networks. <i>NeuroImage</i> , 2014, 96, 245-260.	2.1	127
2501	Distinct functional connectivity of limbic network in the washing type obsessive-compulsive disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 53, 149-155.	2.5	19
2502	Regional homogeneity abnormalities in patients with transient ischaemic attack: A resting-state fMRI study. <i>Clinical Neurophysiology</i> , 2014, 125, 520-525.	0.7	35
2503	FMRI and fcMRI phenotypes map the genomic effect of chromosome 13 in Brown Norway and Dahl salt-sensitive rats. <i>NeuroImage</i> , 2014, 90, 403-412.	2.1	5
2504	Intrinsic Connectivity Identifies the Hippocampus as a Main Crossroad between Alzheimer's and Semantic Dementia-Targeted Networks. <i>Neuron</i> , 2014, 81, 1417-1428.	3.8	148
2505	Decreased regional activity of default-mode network in unaffected siblings of schizophrenia patients at rest. <i>European Neuropsychopharmacology</i> , 2014, 24, 545-552.	0.3	31
2506	EEG-fMRI integration for the study of human brain function. <i>NeuroImage</i> , 2014, 102, 24-34.	2.1	117
2507	Defining language networks from resting-state fMRI for surgical planning—a feasibility study. <i>Human Brain Mapping</i> , 2014, 35, 1018-1030.	1.9	176
2508	Response time intra-subject variability: commonalities between children with autism spectrum disorders and children with ADHD. <i>European Child and Adolescent Psychiatry</i> , 2014, 23, 69-79.	2.8	46

#	ARTICLE	IF	CITATIONS
2509	Non-invasive brain stimulation in neurorehabilitation: local and distant effects for motor recovery. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 378.	1.0	162
2510	Cortical Amyloid Beta in Cognitively Normal Elderly Adults is Associated with Decreased Network Efficiency within the Cerebro-Cerebellar System. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 52.	1.7	26
2511	Abnormal baseline brain activity in drug-naïve patients with Tourette syndrome: a resting-state fMRI study. <i>Frontiers in Human Neuroscience</i> , 2014, 7, 913.	1.0	42
2512	The effects of psilocybin and MDMA on between-network resting state functional connectivity in healthy volunteers. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 204.	1.0	181
2513	Aggravated Cognitive and Brain Functional Impairment in Mild Cognitive Impairment Patients with Type 2 Diabetes: A Resting-State Functional MRI Study. <i>Journal of Alzheimer's Disease</i> , 2014, 41, 925-935.	1.2	49
2514	Resting-State Neuroimaging Studies: A New Way of Identifying Differences and Similarities among the Anxiety Disorders?. <i>Canadian Journal of Psychiatry</i> , 2014, 59, 294-300.	0.9	134
2515	Wavelet analysis of MR functional data from the cerebellum. , 2014, , .		0
2516	Using Informational Connectivity to Measure the Synchronous Emergence of fMRI Multi-voxel Information Across Time. <i>Journal of Visualized Experiments</i> , 2014, , .	0.2	8
2517	Neuroimaging predictors of cognitive performance across a standardized neurocognitive battery.. <i>Neuropsychology</i> , 2014, 28, 161-176.	1.0	68
2518	An open science resource for establishing reliability and reproducibility in functional connectomics. <i>Scientific Data</i> , 2014, 1, 140049.	2.4	349
2519	Resting State Functional Connectivity is Associated with Cognitive Dysfunction in Non-Demented People with Parkinson's Disease. <i>Journal of Parkinson's Disease</i> , 2014, 4, 453-465.	1.5	52
2520	Frequency-dependent neural activity in Parkinson's disease. <i>Human Brain Mapping</i> , 2014, 35, 5815-5833.	1.9	68
2521	Functional Connectivity MRI and Post-Operative Language Performance in Temporal Lobe Epilepsy: Initial Experience. <i>Neuroradiology Journal</i> , 2014, 27, 158-162.	0.6	9
2522	Impaired development of intrinsic connectivity networks in children with medically intractable localization-related epilepsy. <i>Human Brain Mapping</i> , 2014, 35, 5686-5700.	1.9	60
2523	Brain network analysis. <i>SIGKDD Explorations: Newsletter of the Special Interest Group (SIG) on Knowledge Discovery & Data Mining</i> , 2014, 15, 30-38.	3.2	31
2524	Noninvasive optical evaluation of low frequency oscillations in prefrontal cortex hemodynamics during verbal working memory. <i>Proceedings of SPIE</i> , 2014, , .	0.8	0
2525	Hippocampal&parietal dysconnectivity and glutamate abnormalities in unmedicated patients with schizophrenia. <i>Hippocampus</i> , 2014, 24, 1524-1532.	0.9	55
2526	Isoflurane induces dose-dependent alterations in the cortical connectivity profiles and dynamic properties of the brain's functional architecture. <i>Human Brain Mapping</i> , 2014, 35, 5754-5775.	1.9	122

#	ARTICLE	IF	CITATIONS
2527	Methods for Connectivity Analysis in fMRI. <i>Frontiers in Neuroengineering Series</i> , 2014, , 197-222.	0.4	2
2528	Clustering analysis of default mode network in fMRI data. , 2014, , .		0
2529	Advanced fetal MRI: Diffusion tensor imaging, spectroscopy, dynamic MRI, resting-state functional MRI. <i>Journal of Pediatric Neuroradiology</i> , 2015, 01, 225-251.	0.1	2
2530	Neuroimaging effects of prenatal alcohol exposure on the developing human brain: a magnetic resonance imaging review. <i>Acta Neuropsychiatrica</i> , 2015, 27, 251-269.	1.0	142
2531	Neuroimaging endophenotypes in autism spectrum disorder. <i>CNS Spectrums</i> , 2015, 20, 412-426.	0.7	39
2532	Stability of resting state networks in the female brain during hormonal changes and their relation to premenstrual symptoms. <i>Brain Research</i> , 2015, 1624, 275-285.	1.1	52
2533	Dorsal anterior cingulate cortex in typically developing children: Laterality analysis. <i>Developmental Cognitive Neuroscience</i> , 2015, 15, 117-129.	1.9	11
2534	Anatomical and Functional Findings in Female-to-Male Transsexuals: Testing a New Hypothesis. <i>Cerebral Cortex</i> , 2017, 27, bhv278.	1.6	52
2535	Relating Translational Neuroimaging and Amperometric Endpoints: Utility for Neuropsychiatric Drug Discovery. <i>Current Topics in Behavioral Neurosciences</i> , 2015, 28, 397-421.	0.8	8
2536	Multiscale FC analysis refines functional connectivity networks in individual brains. , 2015, , .		1
2537	L_{∞} -regularized time-varying sparse inverse covariance estimation for tracking dynamic fMRI brain networks. , 2015, 2015, 1496-9.		4
2538	Restingâ€State Functional Brain Networks in Parkinson's Disease. <i>CNS Neuroscience and Therapeutics</i> , 2015, 21, 793-801.	1.9	48
2539	Amygdala functional connectivity, HPA axis genetic variation, and life stress in children and relations to anxiety and emotion regulation.. <i>Journal of Abnormal Psychology</i> , 2015, 124, 817-833.	2.0	110
2540	Inflection Points in Magnetic Resonance Imaging Technologyâ€”35 Years of Collaborative Research and Development. <i>Investigative Radiology</i> , 2015, 50, 645-656.	3.5	1
2541	A connectivity-based test-retest dataset of multi-modal magnetic resonance imaging in young healthy adults. <i>Scientific Data</i> , 2015, 2, 150056.	2.4	51
2542	Aberrant intra- and inter-network connectivity architectures in Alzheimerâ€™s disease and mild cognitive impairment. <i>Scientific Reports</i> , 2015, 5, 14824.	1.6	99
2543	Resting-state cerebellar-cerebral networks are differently affected in first-episode, drug-naive schizophrenia patients and unaffected siblings. <i>Scientific Reports</i> , 2015, 5, 17275.	1.6	45
2544	Hyperconnectivity is a fundamental response to neurological disruption.. <i>Neuropsychology</i> , 2015, 29, 59-75.	1.0	204

#	ARTICLE	IF	CITATIONS
2545	Poorly controlled cholesterol is associated with cognitive impairment in T2DM: a resting-state fMRI study. <i>Lipids in Health and Disease</i> , 2015, 14, 47.	1.2	30
2546	Functional coherence of insula networks is associated with externalizing behavior.. <i>Journal of Abnormal Psychology</i> , 2015, 124, 1079-1091.	2.0	31
2547	The Default Mode Network and the Problem of Determining Intrinsic Mental Contents. <i>Studies in Logic, Grammar and Rhetoric</i> , 2015, 40, 145-160.	0.2	2
2548	Altered baseline brain activity differentiates regional mechanisms subserving biological and psychological alterations in obese men. <i>Scientific Reports</i> , 2015, 5, 11563.	1.6	15
2549	Spontaneous brain activity following fear reminder of fear conditioning by using resting-state functional MRI. <i>Scientific Reports</i> , 2015, 5, 16701.	1.6	15
2550	Brain Genomics Superstruct Project initial data release with structural, functional, and behavioral measures. <i>Scientific Data</i> , 2015, 2, 150031.	2.4	318
2552	Frequency-specific functional connectivity revealed by wavelet-based coherence analysis in elderly subjects with cerebral infarction using NIRS method. <i>Medical Physics</i> , 2015, 42, 5391-5403.	1.6	39
2553	Intrinsic Brain Activity and Resting State Networks. , 2015, , 1-52.		3
2554	The Effects of the X Chromosome on Intrinsic Functional Connectivity in the Human Brain: Evidence from Turner Syndrome Patients. <i>Cerebral Cortex</i> , 2015, 27, bhv240.	1.6	16
2555	Automated iterative reclustering framework for determining hierarchical functional networks in resting state fMRI. <i>Human Brain Mapping</i> , 2015, 36, 3303-3322.	1.9	6
2556	Task-related modulation of functional connectivity variability and its behavioral correlations. <i>Human Brain Mapping</i> , 2015, 36, 3260-3272.	1.9	122
2557	Intelligence-related differences in the asymmetry of spontaneous cerebral activity. <i>Human Brain Mapping</i> , 2015, 36, 3586-3602.	1.9	53
2558	Genetic influences on resting-state functional networks: A twin study. <i>Human Brain Mapping</i> , 2015, 36, 3959-3972.	1.9	61
2559	Connectivity-based parcellation: Critique and implications. <i>Human Brain Mapping</i> , 2015, 36, 4771-4792.	1.9	246
2560	Resting state functional MRI reveals abnormal network connectivity in neurofibromatosis 1. <i>Human Brain Mapping</i> , 2015, 36, 4566-4581.	1.9	29
2561	Altered superficial amygdala-cortical functional link in resting state after 36 hours of total sleep deprivation. <i>Journal of Neuroscience Research</i> , 2015, 93, 1795-1803.	1.3	21
2562	Different Patterns of Spontaneous Brain Activity between Tremor-Dominant and Postural Instability/Gait Difficulty Subtypes of Parkinson's Disease: A Resting-state fMRI Study. <i>CNS Neuroscience and Therapeutics</i> , 2015, 21, 855-866.	1.9	52
2563	Resting-state functional connectivity and nicotine addiction: prospects for biomarker development. <i>Annals of the New York Academy of Sciences</i> , 2015, 1349, 64-82.	1.8	133

#	ARTICLE	IF	CITATIONS
2564	Using network dynamic fMRI for detection of epileptogenic foci. BMC Neurology, 2015, 15, 262.	0.8	21
2565	Acupuncture at KI3 in healthy volunteers induces specific cortical functional activity: an fMRI study. BMC Complementary and Alternative Medicine, 2015, 15, 361.	3.7	25
2566	Close-range blast exposure is associated with altered functional connectivity in Veterans independent of concussion symptoms at time of exposure. Human Brain Mapping, 2015, 36, 911-922.	1.9	71
2567	Wavelet-based regularity analysis reveals recurrent spatiotemporal behavior in resting-state fMRI. Human Brain Mapping, 2015, 36, 3603-3620.	1.9	26
2568	Brain structural and functional connectivity in Parkinson's disease with freezing of gait. Human Brain Mapping, 2015, 36, 5064-5078.	1.9	154
2569	Propagation of Pathology through Brain Networks in Neurodegenerative Diseases: From Molecules to Clinical Phenotypes. CNS Neuroscience and Therapeutics, 2015, 21, 754-767.	1.9	38
2571	Magnetoencephalography and Magnetic Source Imaging. , 2015, , .		0
2572	Resting-state oscillatory dynamics in sensorimotor cortex in benign epilepsy with centrotemporal spikes and typical brain development. Human Brain Mapping, 2015, 36, 3935-3949.	1.9	27
2573	Noncontrast mapping of arterial delay and functional connectivity using resting-state functional MRI: A study in Moyamoya patients. Journal of Magnetic Resonance Imaging, 2015, 41, 424-430.	1.9	88
2574	Metabolic and vascular origins of the BOLD effect: Implications for imaging pathology and resting-state brain function. Journal of Magnetic Resonance Imaging, 2015, 42, 231-246.	1.9	61
2575	Functional connectivity changes related to cognitive and motor performance in spinocerebellar ataxia type 2. Movement Disorders, 2015, 30, 1391-1399.	2.2	31
2576	Research Review: Functional brain connectivity and child psychopathology – overview and methodological considerations for investigators new to the field. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2015, 56, 400-414.	3.1	21
2577	Robust and Fragile Aspects of Cortical Blood Flow in Relation to the Underlying Angioarchitecture. Microcirculation, 2015, 22, 204-218.	1.0	78
2578	Decreased Regional Homogeneity in Patients With Acute Mild Traumatic Brain Injury. Journal of Nervous and Mental Disease, 2015, 203, 786-791.	0.5	23
2579	Reduced interhemispheric resting-state functional connectivity in unmedicated bipolar disorder. Acta Psychiatrica Scandinavica, 2015, 132, 400-407.	2.2	26
2580	Interhemispheric resting state functional connectivity abnormalities in unipolar depression and bipolar depression. Bipolar Disorders, 2015, 17, 486-495.	1.1	109
2581	Disrupted Topological Organization of Resting-State Functional Brain Network in Subcortical Vascular Mild Cognitive Impairment. CNS Neuroscience and Therapeutics, 2015, 21, 846-854.	1.9	48
2582	Segmentation of the thalamus based on BOLD frequencies affected in temporal lobe epilepsy. Epilepsia, 2015, 56, 1819-1827.	2.6	24

#	ARTICLE	IF	CITATIONS
2583	Virtual water maze learning in human increases functional connectivity between posterior hippocampus and dorsal caudate. <i>Human Brain Mapping</i> , 2015, 36, 1265-1277.	1.9	43
2584	Reliability correction for functional connectivity: Theory and implementation. <i>Human Brain Mapping</i> , 2015, 36, 4664-4680.	1.9	71
2585	Connectivity. <i>Current Opinion in Anaesthesiology</i> , 2015, 28, 498-504.	0.9	13
2586	Functional connectivity associated with gait velocity during walking and walking while talking in aging: A resting-state fMRI study. <i>Human Brain Mapping</i> , 2015, 36, 1484-1493.	1.9	102
2587	Partial recovery of abnormal insula and dorsolateral prefrontal connectivity to cognitive networks in chronic low back pain after treatment. <i>Human Brain Mapping</i> , 2015, 36, 2075-2092.	1.9	134
2588	Resting-state functional connectivity and presynaptic monoamine signaling in Alcohol Dependence. <i>Human Brain Mapping</i> , 2015, 36, 4808-4818.	1.9	24
2589	Hippocampalâ€‹<sc>DMN</sc> disconnectivity in <sc>MS</sc> is related to <sc>WM</sc> lesions and depression. <i>Human Brain Mapping</i> , 2015, 36, 5051-5063.	1.9	58
2590	Abnormal functional integration of thalamic low frequency oscillation in the BOLD signal after acute heroin treatment. <i>Human Brain Mapping</i> , 2015, 36, 5287-5300.	1.9	22
2591	Brain network connectivity-behavioral relationships exhibit trait-like properties: Evidence from hippocampal connectivity and memory. <i>Hippocampus</i> , 2015, 25, 1591-1598.	0.9	28
2592	Reducing signal loss of the parahippocampal gyrus improves imaging of the default-mode network in 3.0-T MRI: the effect of susceptibility-induced field gradients. <i>NMR in Biomedicine</i> , 2015, 28, 1739-1746.	1.6	1
2593	Resting-state Functional Magnetic Resonance Imaging Correlates of Sevoflurane-induced Unconsciousness. <i>Anesthesiology</i> , 2015, 123, 346-356.	1.3	95
2594	The posterior medial cortex in urologic chronic pelvic pain syndrome. <i>Pain</i> , 2015, 156, 1755-1764.	2.0	57
2595	Obesity and Aging. <i>Psychosomatic Medicine</i> , 2015, 77, 697-709.	1.3	136
2596	Abnormal Baseline Brain Activity in Patients With Multiple Sclerosis With Simple Spinal Cord Involvement Detected by Resting-State Functional Magnetic Resonance Imaging. <i>Journal of Computer Assisted Tomography</i> , 2015, 39, 866-875.	0.5	9
2597	Anatomical and functional brain abnormalities in unmedicated major depressive disorder. <i>Neuropsychiatric Disease and Treatment</i> , 2015, 11, 2415.	1.0	23
2598	Altered hub configurations during propofol-induced loss of consciousness. , 2015, , .		0
2599	Verbal fluency and intrinsic brain activity in Alzheimerâ€™s disease. <i>Croatian Medical Journal</i> , 2015, 56, 573-577.	0.2	5
2600	Moving target imaging based on sparse SIMO radar with multiple carrier frequencies. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
2601	Altered Structural and Functional Connectivity in Late Preterm Preadolescence: An Anatomic Seed-Based Study of Resting State Networks Related to the Posteromedial and Lateral Parietal Cortex. PLoS ONE, 2015, 10, e0130686.	1.1	30
2602	Modern Brain Tumor Imaging. Brain Tumor Research and Treatment, 2015, 3, 8.	0.4	157
2603	Editorial Review (Thematic Issue: An Update on Central Sensitivity Syndromes and the Issues of) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	0.4	179
2604	Widespread Increase of Functional Connectivity in Parkinson's Disease with Tremor: A Resting-State fMRI Study. Frontiers in Aging Neuroscience, 2015, 7, 6.	1.7	56
2605	Differences in Functional Brain Connectivity Alterations Associated with Cerebral Amyloid Deposition in Amnesic Mild Cognitive Impairment. Frontiers in Aging Neuroscience, 2015, 7, 15.	1.7	33
2606	Cognitive reserve and lifestyle: moving towards preclinical Alzheimer's disease. Frontiers in Aging Neuroscience, 2015, 7, 134.	1.7	123
2607	Daily Carnosine and Anserine Supplementation Alters Verbal Episodic Memory and Resting State Network Connectivity in Healthy Elderly Adults. Frontiers in Aging Neuroscience, 2015, 7, 219.	1.7	48
2608	Selectively Disrupted Functional Connectivity Networks in Type 2 Diabetes Mellitus. Frontiers in Aging Neuroscience, 2015, 7, 233.	1.7	39
2609	Age-Related Changes in Inter-Network Connectivity by Component Analysis. Frontiers in Aging Neuroscience, 2015, 7, 237.	1.7	18
2610	Asymmetric projections of the arcuate fasciculus to the temporal cortex underlie lateralized language function in the human brain. Frontiers in Neuroanatomy, 2015, 9, 119.	0.9	31
2611	Attentional performance is correlated with the local regional efficiency of intrinsic brain networks. Frontiers in Behavioral Neuroscience, 2015, 9, 200.	1.0	18
2612	Potentials and limits to enhance cognitive functions in healthy and pathological aging by tDCS. Frontiers in Cellular Neuroscience, 2015, 9, 355.	1.8	70
2613	Frequency-specific alternations in the amplitude of low-frequency fluctuations in chronic tinnitus. Frontiers in Neural Circuits, 2015, 9, 67.	1.4	44
2614	Improvement in Touch Sensation after Stroke is Associated with Resting Functional Connectivity Changes. Frontiers in Neurology, 2015, 6, 165.	1.1	45
2615	Altered Amygdala Connectivity in Individuals with Chronic Traumatic Brain Injury and Comorbid Depressive Symptoms. Frontiers in Neurology, 2015, 6, 231.	1.1	33
2616	Hierarchical and homotopic correlations of spontaneous neural activity within the visual cortex of the sighted and blind. Frontiers in Human Neuroscience, 2015, 9, 25.	1.0	20
2617	Detection of EEG-resting state independent networks by eLORETA-ICA method. Frontiers in Human Neuroscience, 2015, 9, 31.	1.0	81
2618	Analyzing the association between functional connectivity of the brain and intellectual performance. Frontiers in Human Neuroscience, 2015, 9, 61.	1.0	69

#	ARTICLE	IF	CITATIONS
2619	Altered baseline brain activity in experts measured by amplitude of low frequency fluctuations (ALFF): a resting state fMRI study using expertise model of acupuncturists. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 99.	1.0	23
2620	Functional MRI neurofeedback training on connectivity between two regions induces long-lasting changes in intrinsic functional network. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 160.	1.0	116
2621	Changes in neural resting state activity in primary and higher-order motor areas induced by a short sensorimotor intervention based on the Feldenkrais method. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 232.	1.0	16
2622	Dorsal anterior cingulate cortex modulates supplementary motor area in coordinated unimanual motor behavior. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 309.	1.0	73
2623	Neural substrates underlying motor skill learning in chronic hemiparetic stroke patients. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 320.	1.0	23
2624	Functional networks and structural connectivity of visuospatial and visuoperceptual working memory. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 340.	1.0	25
2625	Pathophysiology of ADHD and associated problems—starting points for NF interventions?. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 359.	1.0	34
2626	GRETNA: a graph theoretical network analysis toolbox for imaging connectomics. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 386.	1.0	758
2627	Linking inter-individual differences in the perceptual load effect to spontaneous brain activity. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 409.	1.0	2
2628	On the existence of a generalized non-specific task-dependent network. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 430.	1.0	153
2629	Altered Functional Connectivity of Fusiform Gyrus in Subjects with Amnesic Mild Cognitive Impairment: A Resting-State fMRI Study. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 471.	1.0	47
2630	Spontaneous functional network dynamics and associated structural substrates in the human brain. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 478.	1.0	58
2631	Altered connectivity of the dorsal and ventral visual regions in dyslexic children: a resting-state fMRI study. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 495.	1.0	49
2632	Neuroplastic changes in resting-state functional connectivity after stroke rehabilitation. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 546.	1.0	61
2633	Probabilistic atlases of default mode, executive control and salience network white matter tracts: an fMRI-guided diffusion tensor imaging and tractography study. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 585.	1.0	35
2634	Structural and functional plasticity specific to musical training with wind instruments. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 597.	1.0	20
2635	Functional Connectivity Disruption in Neonates with Prenatal Marijuana Exposure. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 601.	1.0	46
2636	The Neural Correlates of Optimistic and Depressive Tendencies of Self-Evaluations and Resting-State Default Mode Network. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 618.	1.0	24

#	ARTICLE	IF	CITATIONS
2637	Assessing parameter identifiability for dynamic causal modeling of fMRI data. <i>Frontiers in Neuroscience</i> , 2015, 9, 43.	1.4	7
2638	Progesterone mediates brain functional connectivity changes during the menstrual cycle—A pilot resting state MRI study. <i>Frontiers in Neuroscience</i> , 2015, 9, 44.	1.4	76
2639	Evaluating the reliability of different preprocessing steps to estimate graph theoretical measures in resting state fMRI data. <i>Frontiers in Neuroscience</i> , 2015, 9, 48.	1.4	61
2640	Enhanced disease characterization through multi network functional normalization in fMRI. <i>Frontiers in Neuroscience</i> , 2015, 9, 95.	1.4	6
2641	Considerations for resting state functional MRI and functional connectivity studies in rodents. <i>Frontiers in Neuroscience</i> , 2015, 9, 269.	1.4	86
2642	3D interactive tractography-informed resting-state fMRI connectivity. <i>Frontiers in Neuroscience</i> , 2015, 9, 275.	1.4	33
2643	Influence of ROI selection on resting state functional connectivity: an individualized approach for resting state fMRI analysis. <i>Frontiers in Neuroscience</i> , 2015, 9, 280.	1.4	52
2644	Dynamic connectivity detection: an algorithm for determining functional connectivity change points in fMRI data. <i>Frontiers in Neuroscience</i> , 2015, 9, 285.	1.4	63
2645	An empirical Bayes normalization method for connectivity metrics in resting state fMRI. <i>Frontiers in Neuroscience</i> , 2015, 9, 316.	1.4	14
2646	Laminar Distribution of Phase-Amplitude Coupling of Spontaneous Current Sources and Sinks. <i>Frontiers in Neuroscience</i> , 2015, 9, 454.	1.4	37
2647	Individual predictors of sensorimotor adaptability. <i>Frontiers in Systems Neuroscience</i> , 2015, 9, 100.	1.2	39
2648	BASCO: a toolbox for task-related functional connectivity. <i>Frontiers in Systems Neuroscience</i> , 2015, 9, 126.	1.2	36
2649	Altered Synchronizations among Neural Networks in Geriatric Depression. <i>BioMed Research International</i> , 2015, 2015, 1-12.	0.9	12
2650	Characteristics of Brains in Autism Spectrum Disorder: Structure, Function and Connectivity across the Lifespan. <i>Experimental Neurobiology</i> , 2015, 24, 273-284.	0.7	249
2651	Changes in Thalamic Connectivity in the Early and Late Stages of Amnesic Mild Cognitive Impairment: A Resting-State Functional Magnetic Resonance Study from ADNI. <i>PLoS ONE</i> , 2015, 10, e0115573.	1.1	63
2652	Restoring Susceptibility Induced MRI Signal Loss in Rat Brain at 9.4 T: A Step towards Whole Brain Functional Connectivity Imaging. <i>PLoS ONE</i> , 2015, 10, e0119450.	1.1	15
2653	Default Mode Network, Motor Network, Dorsal and Ventral Basal Ganglia Networks in the Rat Brain: Comparison to Human Networks Using Resting State-fMRI. <i>PLoS ONE</i> , 2015, 10, e0120345.	1.1	62
2654	Resting State BOLD Functional Connectivity at 3T: Spin Echo versus Gradient Echo EPI. <i>PLoS ONE</i> , 2015, 10, e0120398.	1.1	15

#	ARTICLE	IF	CITATIONS
2655	Detecting Static and Dynamic Differences between Eyes-Closed and Eyes-Open Resting States Using ASL and BOLD fMRI. PLoS ONE, 2015, 10, e0121757.	1.1	59
2656	Changes in Brain Network Efficiency and Working Memory Performance in Aging. PLoS ONE, 2015, 10, e0123950.	1.1	86
2657	Discriminative Analysis of Parkinson's Disease Based on Whole-Brain Functional Connectivity. PLoS ONE, 2015, 10, e0124153.	1.1	31
2658	Predicting Stroop Effect from Spontaneous Neuronal Activity: A Study of Regional Homogeneity. PLoS ONE, 2015, 10, e0124405.	1.1	12
2659	Functional Connectivity in MRI Is Driven by Spontaneous BOLD Events. PLoS ONE, 2015, 10, e0124577.	1.1	40
2660	Altered Resting-State Functional Connectivity of the Frontal-Striatal Reward System in Social Anxiety Disorder. PLoS ONE, 2015, 10, e0125286.	1.1	41
2661	Interhemispheric Functional and Structural Disconnection in Alzheimer's Disease: A Combined Resting-State fMRI and DTI Study. PLoS ONE, 2015, 10, e0126310.	1.1	84
2662	Multistability in Large Scale Models of Brain Activity. PLoS Computational Biology, 2015, 11, e1004644.	1.5	55
2663	Neural Basis of Psychological Growth following Adverse Experiences: A Resting-State Functional MRI Study. PLoS ONE, 2015, 10, e0136427.	1.1	28
2664	The Brain Activity in Brodmann Area 17: A Potential Bio-Marker to Predict Patient Responses to Antiepileptic Drugs. PLoS ONE, 2015, 10, e0139819.	1.1	5
2665	Reproducibility and Temporal Structure in Weekly Resting-State fMRI over a Period of 3.5 Years. PLoS ONE, 2015, 10, e0140134.	1.1	97
2666	Sex Differences in the Default Mode Network with Regard to Autism Spectrum Traits: A Resting State fMRI Study. PLoS ONE, 2015, 10, e0143126.	1.1	31
2667	Structural and Functional Brain Remodeling during Pregnancy with Diffusion Tensor MRI and Resting-State Functional MRI. PLoS ONE, 2015, 10, e0144328.	1.1	22
2668	Individual Variability and Test-Retest Reliability Revealed by Ten Repeated Resting-State Brain Scans over One Month. PLoS ONE, 2015, 10, e0144963.	1.1	117
2669	Functional Connectivity Estimated from Resting-State fMRI Reveals Selective Alterations in Male Adolescents with Pure Conduct Disorder. PLoS ONE, 2015, 10, e0145668.	1.1	33
2670	Regional Coherence Changes in Alzheimer's Disease Patients with Depressive Symptoms: A Resting-State Functional MRI Study. Journal of Alzheimer's Disease, 2015, 48, 603-611.	1.2	16
2671	The power of using functional fMRI on small rodents to study brain pharmacology and disease. Frontiers in Pharmacology, 2015, 6, 231.	1.6	102
2672	Network-based characterization of brain functional connectivity in Zen practitioners. Frontiers in Psychology, 2015, 6, 603.	1.1	35

#	ARTICLE	IF	CITATIONS
2673	Reorganization of brain networks in aging: a review of functional connectivity studies. <i>Frontiers in Psychology</i> , 2015, 6, 663.	1.1	396
2674	The default mode network as a biomarker for monitoring the therapeutic effects of meditation. <i>Frontiers in Psychology</i> , 2015, 06, 776.	1.1	73
2675	Lagged and instantaneous dynamical influences related to brain structural connectivity. <i>Frontiers in Psychology</i> , 2015, 6, 1024.	1.1	19
2676	Early warning for human mental sub-health based on fMRI data analysis: an example from a seafarers' resting-data study. <i>Frontiers in Psychology</i> , 2015, 6, 1030.	1.1	15
2677	Frequency-dependent changes in the amplitude of low-frequency fluctuations in internet gaming disorder. <i>Frontiers in Psychology</i> , 2015, 6, 1471.	1.1	22
2678	What goes on in the resting-state? A qualitative glimpse into resting-state experience in the scanner. <i>Frontiers in Psychology</i> , 2015, 6, 1535.	1.1	47
2679	Large-Scale Fusion of Gray Matter and Resting-State Functional MRI Reveals Common and Distinct Biological Markers across the Psychosis Spectrum in the B-SNIP Cohort. <i>Frontiers in Psychiatry</i> , 2015, 6, 174.	1.3	25
2681	Resting-State fMRI in MS: General Concepts and Brief Overview of Its Application. <i>BioMed Research International</i> , 2015, 2015, 1-8.	0.9	38
2682	An fMRI Study of Local Synchronization in Different Subfrequency Bands during the Continuous Feedback of Finger Force. <i>BioMed Research International</i> , 2015, 2015, 1-8.	0.9	4
2683	Frequency-Dependent Amplitude Alterations of Resting-State Spontaneous Fluctuations in Late-Onset Depression. <i>BioMed Research International</i> , 2015, 2015, 1-9.	0.9	49
2684	Using Regional Homogeneity to Reveal Altered Spontaneous Activity in Patients with Mild Cognitive Impairment. <i>BioMed Research International</i> , 2015, 2015, 1-8.	0.9	29
2685	Acute Effects of Alcohol on the Human Brain: A Resting-State fMRI Study. <i>BioMed Research International</i> , 2015, 2015, 1-10.	0.9	24
2686	Altered Intra- and Interregional Synchronization in Resting-State Cerebral Networks Associated with Chronic Tinnitus. <i>Neural Plasticity</i> , 2015, 2015, 1-11.	1.0	46
2687	The Effects of Acupuncture at Real or Sham Acupoints on the Intrinsic Brain Activity in Mild Cognitive Impairment Patients. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-9.	0.5	34
2688	A Window into the Brain: Advances in Psychiatric fMRI. <i>BioMed Research International</i> , 2015, 2015, 1-12.	0.9	18
2689	Decreased Resting-State Interhemispheric Functional Connectivity in Parkinson's Disease. <i>BioMed Research International</i> , 2015, 2015, 1-8.	0.9	42
2690	Neural Plasticity in Common Forms of Chronic Headaches. <i>Neural Plasticity</i> , 2015, 2015, 1-14.	1.0	45
2691	Brain-Cut Axis Modulation of Acupuncture in Functional Dyspepsia: A Preliminary Resting-State fcMRI Study. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-11.	0.5	20

#	ARTICLE	IF	CITATIONS
2692	Neural Correlates of Associative Memory in the Elderly: A Resting-State Functional MRI Study. <i>BioMed Research International</i> , 2015, 2015, 1-7.	0.9	8
2693	Aberrant Functional Connectivity Architecture in Alzheimer's Disease and Mild Cognitive Impairment: A Whole-Brain, Data-Driven Analysis. <i>BioMed Research International</i> , 2015, 2015, 1-9.	0.9	30
2694	Increased Cognition Connectivity Network in Major Depression Disorder: A fMRI Study. <i>Psychiatry Investigation</i> , 2015, 12, 227.	0.7	40
2695	Individual Thresholding of Voxel-based Functional Connectivity Maps. <i>Methods of Information in Medicine</i> , 2015, 54, 227-231.	0.7	3
2696	The Effects of Taekwondo Training on Brain Connectivity and Body Intelligence. <i>Psychiatry Investigation</i> , 2015, 12, 335.	0.7	24
2697	Frequency-Specific Neural Signatures of Spontaneous Low-Frequency Resting State Fluctuations in Psychosis: Evidence From Bipolar-Schizophrenia Network on Intermediate Phenotypes (B-SNIP) Consortium. <i>Schizophrenia Bulletin</i> , 2015, 41, 1336-1348.	2.3	97
2698	Lag threads organize the brain's intrinsic activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E2235-44.	3.3	168
2699	Resting-State Functional Magnetic Resonance Imaging: The Impact of Regression Analysis. <i>Journal of Neuroimaging</i> , 2015, 25, 117-123.	1.0	15
2700	Functional Connectivity Changes and Executive and Social Problems in Neurofibromatosis Type I. <i>Brain Connectivity</i> , 2015, 5, 312-320.	0.8	41
2701	Effect of Repetitive Transcranial Magnetic Stimulation on fMRI Resting-State Connectivity in Multiple System Atrophy. <i>Brain Connectivity</i> , 2015, 5, 451-459.	0.8	33
2702	Overcoming the effects of false positives and threshold bias in graph theoretical analyses of neuroimaging data. <i>NeuroImage</i> , 2015, 118, 313-333.	2.1	131
2703	Experimental studies with selected light sources for NIRS of brain tissue: quantifying tissue chromophore concentration. , 2015, , .		3
2704	Parkinson's Disease-Related Spatial Covariance Pattern Identified with Resting-State Functional MRI. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 1764-1770.	2.4	43
2705	A Sparse Reduced Rank Framework for Group Analysis of Functional Neuroimaging Data. <i>Statistica Sinica</i> , 2015, , .	0.2	7
2706	Cannabis, cigarettes, and their co-occurring use: Disentangling differences in default mode network functional connectivity. <i>Drug and Alcohol Dependence</i> , 2015, 153, 116-123.	1.6	45
2707	Test-retest reliability of graph metrics of resting state MRI functional brain networks: A review. <i>Journal of Neuroscience Methods</i> , 2015, 253, 183-192.	1.3	103
2708	The effects of age on resting state functional connectivity of the basal ganglia from young to middle adulthood. <i>NeuroImage</i> , 2015, 107, 311-322.	2.1	55
2709	Discovering frequency sensitive thalamic nuclei from EEG microstate informed resting state fMRI. <i>NeuroImage</i> , 2015, 118, 368-375.	2.1	35

#	ARTICLE	IF	CITATIONS
2710	Connectivity and functional profiling of abnormal brain structures in pedophilia. <i>Human Brain Mapping</i> , 2015, 36, 2374-2386.	1.9	29
2711	Resting-state fMRI functional connectivity: a new perspective to evaluate pain modulation in migraine?. <i>Neurological Sciences</i> , 2015, 36, 41-45.	0.9	37
2712	Asymmetric development of dorsal and ventral attention networks in the human brain. <i>Developmental Cognitive Neuroscience</i> , 2015, 12, 165-174.	1.9	116
2713	Resting state signatures of domain and demand-specific working memory performance. <i>NeuroImage</i> , 2015, 118, 174-182.	2.1	27
2714	Imaging of Traumatic Brain Injury. <i>Radiologic Clinics of North America</i> , 2015, 53, 695-715.	0.9	39
2715	Apolipoprotein E ϵ 4 Modulates Cognitive Profiles, Hippocampal Volume, and Resting-State Functional Connectivity in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2015, 45, 781-795.	1.2	31
2716	Intrinsic Patterns of Coupling between Correlation and Amplitude of Low-Frequency fMRI Fluctuations Are Disrupted in Degenerative Dementia Mainly due to Functional Disconnection. <i>PLoS ONE</i> , 2015, 10, e0120988.	1.1	43
2717	New Whole-Body Sensory-Motor Gradients Revealed Using Phase-Locked Analysis and Verified Using Multivoxel Pattern Analysis and Functional Connectivity. <i>Journal of Neuroscience</i> , 2015, 35, 2845-2859.	1.7	66
2718	The restless brain: how intrinsic activity organizes brain function. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20140172.	1.8	313
2719	Local activity features for computer aided diagnosis of schizophrenia on resting-state fMRI. <i>Neurocomputing</i> , 2015, 164, 154-161.	3.5	24
2720	Interactions between the Salience and Default-Mode Networks Are Disrupted in Cocaine Addiction. <i>Journal of Neuroscience</i> , 2015, 35, 8081-8090.	1.7	108
2721	Emotion regulation ability varies in relation to intrinsic functional brain architecture. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 1738-1748.	1.5	57
2722	Multimodal Imaging of Dynamic Functional Connectivity. <i>Frontiers in Neurology</i> , 2015, 6, 10.	1.1	51
2723	Investigating the use of mutual information and non-metric clustering for functional connectivity analysis on resting-state functional MRI. <i>Proceedings of SPIE</i> , 2015, 9417, .	0.8	3
2724	Default Mode Connectivity in Youth With Perinatally Acquired HIV. <i>Medicine (United States)</i> , 2015, 94, e1417.	0.4	30
2725	Dynamic reconfiguration of the language network preceding onset of speech in picture naming. <i>Human Brain Mapping</i> , 2015, 36, 1202-1216.	1.9	43
2726	Spontaneously Emerging Patterns in Human Visual Cortex Reflect Responses to Naturalistic Sensory Stimuli. <i>Cerebral Cortex</i> , 2017, 27, bhv275.	1.6	43
2727	Exploratory analysis of time-varying functional connectivity in a visual task. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
2728	A review of heterogeneous data mining for brain disorder identification. <i>Brain Informatics</i> , 2015, 2, 253-264.	1.8	14
2729	Algal toxin impairs sea lion memory and hippocampal connectivity, with implications for strandings. <i>Science</i> , 2015, 350, 1545-1547.	6.0	78
2730	The Lag Structure of Intrinsic Activity is Focally Altered in High Functioning Adults with Autism. <i>Cerebral Cortex</i> , 2015, 27, 1083-1093.	1.6	40
2731	Functional magnetic resonance imaging. <i>British Journal of Hospital Medicine (London, England: 2005)</i> , 2015, 76, C189-C192.	0.2	0
2732	Functional connectivity of visual cortex in the blind follows retinotopic organization principles. <i>Brain</i> , 2015, 138, 1679-1695.	3.7	132
2733	Decreased functional connectivity between ventral tegmental area and nucleus accumbens in Internet gaming disorder: evidence from resting state functional magnetic resonance imaging. <i>Behavioral and Brain Functions</i> , 2015, 11, 37.	1.4	38
2734	Is There a Nonadditive Interaction Between Spontaneous and Evoked Activity? Phase-Dependence and Its Relation to the Temporal Structure of Scale-Free Brain Activity. <i>Cerebral Cortex</i> , 2017, 27, bhv288.	1.6	92
2735	Arterial CO2 effects modulate dynamic functional connectivity in resting-state fMRI. , 2015, 2015, 1809-12.		5
2736	Characterizations of resting-state modulatory interactions in the human brain. <i>Journal of Neurophysiology</i> , 2015, 114, 2785-2796.	0.9	40
2737	Functional neuroimaging of extraversion-introversion. <i>Neuroscience Bulletin</i> , 2015, 31, 663-675.	1.5	38
2738	Sympathetic arousal of young children who stutter during a stressful picture naming task. <i>Journal of Fluency Disorders</i> , 2015, 46, 24-40.	0.7	30
2739	Nonlinear functional connectivity network recovery in the human brain with mutual connectivity analysis (MCA): convergent cross-mapping and non-metric clustering. <i>Proceedings of SPIE</i> , 2015, 9417, .	0.8	5
2740	Multimodal neuroimaging computing: a review of the applications in neuropsychiatric disorders. <i>Brain Informatics</i> , 2015, 2, 167-180.	1.8	115
2741	Functional Connectivity in Patients With Sensorineural Hearing Loss Using Resting-State MRI. <i>American Journal of Audiology</i> , 2015, 24, 145-152.	0.5	34
2742	Isolated Focal Dystonia as a Disorder of Large-Scale Functional Networks. <i>Cerebral Cortex</i> , 2017, 27, bhv313.	1.6	72
2743	The Structural and Functional Connectome and Prediction of Risk for Cognitive Impairment in Older Adults. <i>Current Behavioral Neuroscience Reports</i> , 2015, 2, 234-245.	0.6	41
2744	Rethinking Interdisciplinarity across the Social Sciences and Neurosciences. , 2015, , .		145
2745	Functional connectivity analysis in resting state fMRI with echo-state networks and non-metric clustering for network structure recovery. <i>Proceedings of SPIE</i> , 2015, 9417, .	0.8	0

#	ARTICLE	IF	CITATIONS
2746	Spontaneous neuronal activity in insula predicts symptom severity of unmedicated obsessive compulsive disorder adults. , 2015, 2015, 5445-8.		2
2747	Emergence of the default-mode network from resting-state to activation-state in reciprocal social interaction via eye contact. , 2015, 2015, 1821-4.		3
2748	Evaluation of rigid registration methods for whole head imaging in diffuse optical tomography. Neurophotonics, 2015, 2, 035002.	1.7	11
2749	Aberrant Executive and Frontoparietal Functional Connectivity in Very Preterm Infants With Diffuse White Matter Abnormalities. Pediatric Neurology, 2015, 53, 330-337.	1.0	27
2751	Breakdown of Sensorimotor Network Communication in Leukoaraiosis. Neurodegenerative Diseases, 2015, 15, 322-330.	0.8	16
2752	Resting-State Blood Oxygen Level-Dependent Functional MRI: A Paradigm Shift in Preoperative Brain Mapping. Stereotactic and Functional Neurosurgery, 2015, 93, 427-439.	0.8	25
2753	Associations between age, motor function, and resting state sensorimotor network connectivity in healthy older adults. NeuroImage, 2015, 108, 47-59.	2.1	90
2754	Spatiotemporal consistency of local neural activities: A new imaging measure for functional MRI data. Journal of Magnetic Resonance Imaging, 2015, 42, 729-736.	1.9	15
2755	Spatial and Temporal Characteristics of Error-Related Activity in the Human Brain. Journal of Neuroscience, 2015, 35, 253-266.	1.7	69
2756	Prediction as a Humanitarian and Pragmatic Contribution from Human Cognitive Neuroscience. Neuron, 2015, 85, 11-26.	3.8	469
2757	Increasing structural atrophy and functional isolation of the temporal lobe with duration of disease in temporal lobe epilepsy. Epilepsy Research, 2015, 110, 171-178.	0.8	24
2758	Resting-state anticorrelations between medial and lateral prefrontal cortex: Association with working memory, aging, and individual differences. Cortex, 2015, 64, 271-280.	1.1	183
2759	Functional connectivity in BOLD and CBF data: Similarity and reliability of resting brain networks. NeuroImage, 2015, 106, 111-122.	2.1	102
2760	Frequency of spontaneous BOLD signal shifts during infancy and correlates with cognitive performance. Developmental Cognitive Neuroscience, 2015, 12, 40-50.	1.9	35
2761	The connectomics of brain disorders. Nature Reviews Neuroscience, 2015, 16, 159-172.	4.9	1,315
2762	Alteration of spontaneous neuronal activity within the salience network in partially remitted depression. Brain Research, 2015, 1599, 93-102.	1.1	29
2763	Acute modulation of the cholinergic system in the mouse brain detected by pharmacological resting-state functional MRI. NeuroImage, 2015, 109, 151-159.	2.1	32
2764	Evoked itch perception is associated with changes in functional brain connectivity. NeuroImage: Clinical, 2015, 7, 213-221.	1.4	32

#	ARTICLE	IF	CITATIONS
2765	Mathematical framework for large-scale brain network modeling in The Virtual Brain. <i>NeuroImage</i> , 2015, 111, 385-430.	2.1	274
2766	Robust brain parcellation using sparse representation on resting-state fMRI. <i>Brain Structure and Function</i> , 2015, 220, 3565-3579.	1.2	27
2767	Multimodal neuroimaging in humans at 9.4T: a technological breakthrough towards an advanced metabolic imaging scanner. <i>Brain Structure and Function</i> , 2015, 220, 1867-1884.	1.2	17
2768	Mapping Functional Connectivity Using Cerebral Blood Flow in the Mouse Brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 367-370.	2.4	35
2769	Phonemic Fluency and Brain Connectivity in Age-Related Macular Degeneration: A Pilot Study. <i>Brain Connectivity</i> , 2015, 5, 126-135.	0.8	3
2770	An OP4 Functional Stream in the Language-Related Neuroarchitecture. <i>Cerebral Cortex</i> , 2015, 25, 658-666.	1.6	22
2771	The use of functional and effective connectivity techniques to understand the developing brain. <i>Developmental Cognitive Neuroscience</i> , 2015, 12, 155-164.	1.9	60
2772	A Hybrid LDA+gCCA Model for fMRI Data Classification and Visualization. <i>IEEE Transactions on Medical Imaging</i> , 2015, 34, 1031-1041.	5.4	6
2773	Large-scale Probabilistic Functional Modes from resting state fMRI. <i>NeuroImage</i> , 2015, 109, 217-231.	2.1	98
2774	The potential of infant fMRI research and the study of early life stress as a promising exemplar. <i>Developmental Cognitive Neuroscience</i> , 2015, 12, 12-39.	1.9	94
2775	A selective involvement of putamen functional connectivity in youth with internet gaming disorder. <i>Brain Research</i> , 2015, 1602, 85-95.	1.1	53
2776	Functional connectivity pattern during rest within the episodic memory network in association with episodic memory performance in bipolar disorder. <i>Psychiatry Research - Neuroimaging</i> , 2015, 231, 141-150.	0.9	42
2777	Clinical Systems Neuroscience. , 2015, , .		4
2778	Apolipoprotein E ϵ 4 modulates functional brain connectome in Alzheimer's disease. <i>Human Brain Mapping</i> , 2015, 36, 1828-1846.	1.9	89
2779	Determination of the posterior boundary of Wernicke's area based on multimodal connectivity profiles. <i>Human Brain Mapping</i> , 2015, 36, 1908-1924.	1.9	52
2780	Esophageal acid stimulation alters insular cortex functional connectivity in gastroesophageal reflux disease. <i>Neurogastroenterology and Motility</i> , 2015, 27, 201-211.	1.6	7
2781	A number-form area in the blind. <i>Nature Communications</i> , 2015, 6, 6026.	5.8	103
2782	Can multi-modal neuroimaging evidence from hippocampus provide biomarkers for the progression of amnesic mild cognitive impairment?. <i>Neuroscience Bulletin</i> , 2015, 31, 128-140.	1.5	35

#	ARTICLE	IF	CITATIONS
2783	Altered Amplitude of Low-Frequency Fluctuation in Primary Open-Angle Glaucoma: A Resting-State fMRI Study. <i>Investigative Ophthalmology and Visual Science</i> , 2015, 56, 322-329.	3.3	61
2784	Abnormal spontaneous neural activity in the anterior insular and anterior cingulate cortices in anxious depression. <i>Behavioural Brain Research</i> , 2015, 281, 339-347.	1.2	58
2785	Diminished Functional Connectivity on the Road to Child Sexual Abuse in Pedophilia. <i>Journal of Sexual Medicine</i> , 2015, 12, 783-795.	0.3	35
2786	Understanding Structural-Functional Relationships in the Human Brain. <i>Neuroscientist</i> , 2015, 21, 290-305.	2.6	173
2787	Identifying and Mapping Connectivity Patterns of Brain Network Hubs in Alzheimer's Disease. <i>Cerebral Cortex</i> , 2015, 25, 3723-3742.	1.6	270
2788	The dynamic pain connectome. <i>Trends in Neurosciences</i> , 2015, 38, 86-95.	4.2	423
2789	Identifying Predictors, Moderators, and Mediators of Antidepressant Response in Major Depressive Disorder: Neuroimaging Approaches. <i>American Journal of Psychiatry</i> , 2015, 172, 124-138.	4.0	214
2790	Subspecialization in the human posterior medial cortex. <i>NeuroImage</i> , 2015, 106, 55-71.	2.1	171
2791	The idiosyncratic brain: distortion of spontaneous connectivity patterns in autism spectrum disorder. <i>Nature Neuroscience</i> , 2015, 18, 302-309.	7.1	364
2792	Reduced functional connectivity in the thalamo-insular subnetwork in patients with acute anorexia nervosa. <i>Human Brain Mapping</i> , 2015, 36, 1772-1781.	1.9	51
2793	Multiple brain networks underpinning word learning from fluent speech revealed by independent component analysis. <i>NeuroImage</i> , 2015, 110, 182-193.	2.1	41
2794	Default-mode network functional connectivity is closely related to metabolic activity. <i>Human Brain Mapping</i> , 2015, 36, 2027-2038.	1.9	121
2795	Alteration of Default Mode Network in High School Football Athletes Due to Repetitive Subconcussive Mild Traumatic Brain Injury: A Resting-State Functional Magnetic Resonance Imaging Study. <i>Brain Connectivity</i> , 2015, 5, 91-101.	0.8	173
2796	A Connectome Computation System for discovery science of brain. <i>Science Bulletin</i> , 2015, 60, 86-95.	4.3	129
2797	fMRI Functional Connectivity Applied to Adolescent Neurodevelopment. <i>Annual Review of Clinical Psychology</i> , 2015, 11, 361-377.	6.3	91
2798	Frontal Networks Associated With Command Following After Hemorrhagic Stroke. <i>Stroke</i> , 2015, 46, 49-57.	1.0	28
2799	Errors on interrupter tasks presented during spatial and verbal working memory performance are linearly linked to large-scale functional network connectivity in high temporal resolution resting state fMRI. <i>Brain Imaging and Behavior</i> , 2015, 9, 854-867.	1.1	25
2800	Abnormal functional connectivity of the amygdala is associated with depression in Parkinson's disease. <i>Movement Disorders</i> , 2015, 30, 238-244.	2.2	112

#	ARTICLE	IF	CITATIONS
2801	Atypical functional brain connectivity during rest in autism spectrum disorders. <i>Annals of Neurology</i> , 2015, 77, 866-876.	2.8	66
2802	Coupling between pupil fluctuations and resting-state fMRI uncovers a slow build-up of antagonistic responses in the human cortex. <i>NeuroImage</i> , 2015, 106, 414-427.	2.1	116
2803	A network centred on the inferior frontal cortex is critically involved in levodopa-induced dyskinesias. <i>Brain</i> , 2015, 138, 414-427.	3.7	83
2804	Multimodal brain imaging in autism spectrum disorder and the promise of twin research. <i>Autism</i> , 2015, 19, 527-541.	2.4	22
2805	The effect of ageing on fMRI: Correction for the confounding effects of vascular reactivity evaluated by joint fMRI and MEG in 335 adults. <i>Human Brain Mapping</i> , 2015, 36, 2248-2269.	1.9	169
2806	Functional Anatomy of the Thalamus as a Model of Integrated Structural and Functional Connectivity of the Human Brain In Vivo. <i>Brain Topography</i> , 2015, 28, 548-558.	0.8	14
2807	Different neural pathways linking personality traits and eudaimonic well-being: a resting-state functional magnetic resonance imaging study. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2015, 15, 299-309.	1.0	39
2808	Functional connectivity in the resting-state motor networks influences the kinematic processes during motor sequence learning. <i>European Journal of Neuroscience</i> , 2015, 41, 243-253.	1.2	29
2809	Functional connectivity during rested wakefulness predicts vulnerability to sleep deprivation. <i>NeuroImage</i> , 2015, 111, 147-158.	2.1	230
2810	Liver transplantation nearly normalizes brain spontaneous activity and cognitive function at 1 month: a resting-state functional MRI study. <i>Metabolic Brain Disease</i> , 2015, 30, 979-988.	1.4	15
2812	Functional Heterogeneity in the Default Mode Network Edges. <i>Brain Connectivity</i> , 2015, 5, 203-213.	0.8	5
2813	Regional Homogeneity of Resting-State Brain Abnormalities in Violent Juvenile Offenders: A Biomarker of Brain Immaturity?. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2015, 27, 27-32.	0.9	13
2814	Hippocampal volume and functional connectivity changes during the female menstrual cycle. <i>NeuroImage</i> , 2015, 118, 154-162.	2.1	151
2815	The Fault Lies on the Other Side: Altered Brain Functional Connectivity in Psychiatric Disorders is Mainly Caused by Counterpart Regions in the Opposite Hemisphere. <i>Cerebral Cortex</i> , 2015, 25, 3475-3486.	1.6	34
2816	Functional dysconnectivity of corticostriatal circuitry and differential response to methylphenidate in youth with attention-deficit/hyperactivity disorder. <i>Journal of Psychiatry and Neuroscience</i> , 2015, 40, 46-57.	1.4	55
2817	Hubs and Pathways. , 2015, , 441-447.		0
2818	Pain: Acute and Chronic. , 2015, , 553-563.		1
2819	Dynamic reorganization of human resting-state networks during visuospatial attention. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 8112-8117.	3.3	160

#	ARTICLE	IF	CITATIONS
2820	Global signal regression has complex effects on regional homogeneity of resting state fMRI signal. <i>Magnetic Resonance Imaging</i> , 2015, 33, 1306-1313.	1.0	26
2821	Joint Spectral Decomposition for the Parcellation of the Human Cerebral Cortex Using Resting-State fMRI. <i>Lecture Notes in Computer Science</i> , 2015, 24, 85-97.	1.0	27
2822	Regional homogeneity (ReHo) changes in new onset versus chronic benign epilepsy of childhood with centrotemporal spikes (BECTS): A resting state fMRI study. <i>Epilepsy Research</i> , 2015, 116, 79-85.	0.8	51
2823	Identifying brain functional alterations in postmenopausal women with cognitive impairment. <i>Maturitas</i> , 2015, 81, 371-376.	1.0	12
2824	Functional Magnetic Resonance Imagery, Analysis of. , 2015, , 525-531.		0
2825	Functional brain network changes associated with clinical and biochemical measures of the severity of hepatic encephalopathy. <i>NeuroImage</i> , 2015, 122, 332-344.	2.1	30
2826	Nociception, Pain, Negative Moods, and Behavior Selection. <i>Neuron</i> , 2015, 87, 474-491.	3.8	489
2827	Alterations in the limbic/paralimbic cortices of Parkinson's disease patients with hyposmia under resting-state functional MRI by regional homogeneity and functional connectivity analysis. <i>Parkinsonism and Related Disorders</i> , 2015, 21, 698-703.	1.1	49
2828	Effects of scanner acoustic noise on intrinsic brain activity during auditory stimulation. <i>Neuroradiology</i> , 2015, 57, 1063-1073.	1.1	6
2829	AICHA: An atlas of intrinsic connectivity of homotopic areas. <i>Journal of Neuroscience Methods</i> , 2015, 254, 46-59.	1.3	232
2830	Default mode network connectivity during task execution. <i>NeuroImage</i> , 2015, 122, 96-104.	2.1	127
2831	A group ICA based framework for evaluating resting fMRI markers when disease categories are unclear: application to schizophrenia, bipolar, and schizoaffective disorders. <i>NeuroImage</i> , 2015, 122, 272-280.	2.1	130
2832	Neural activity changes in unaffected children of patients with schizophrenia: A resting-state fMRI study. <i>Schizophrenia Research</i> , 2015, 168, 360-365.	1.1	35
2833	Functional Connectivity Between Superior Parietal Lobule and Primary Visual Cortex at Rest Predicts Visual Search Efficiency. <i>Brain Connectivity</i> , 2015, 5, 517-526.	0.8	19
2834	Network-level reorganisation of functional connectivity following arm amputation. <i>NeuroImage</i> , 2015, 114, 217-225.	2.1	91
2835	Nature of functional links in valuation networks differentiates impulsive behaviors between abstinent heroin-dependent subjects and nondrug-using subjects. <i>NeuroImage</i> , 2015, 115, 76-84.	2.1	42
2836	Inscapes : A movie paradigm to improve compliance in functional magnetic resonance imaging. <i>NeuroImage</i> , 2015, 122, 222-232.	2.1	281
2837	A parietal memory network revealed by multiple MRI methods. <i>Trends in Cognitive Sciences</i> , 2015, 19, 534-543.	4.0	204

#	ARTICLE	IF	CITATIONS
2838	Alteration of spontaneous neuronal activity in young adults with non-clinical depressive symptoms. <i>Psychiatry Research - Neuroimaging</i> , 2015, 233, 36-42.	0.9	16
2839	Resting-State Temporal Synchronization Networks Emerge from Connectivity Topology and Heterogeneity. <i>PLoS Computational Biology</i> , 2015, 11, e1004100.	1.5	216
2840	Individual Differences in Temporal Summation of Pain Reflect Pronociceptive and Antinociceptive Brain Structure and Function. <i>Journal of Neuroscience</i> , 2015, 35, 9689-9700.	1.7	61
2841	An Integrative Model of the Maturation of Cognitive Control. <i>Annual Review of Neuroscience</i> , 2015, 38, 151-170.	5.0	339
2842	Visual Learning Induces Changes in Resting-State fMRI Multivariate Pattern of Information. <i>Journal of Neuroscience</i> , 2015, 35, 9786-9798.	1.7	47
2843	The role of tactile afference in shaping motor behaviour and implications for prosthetic innovation. <i>Neuropsychologia</i> , 2015, 79, 192-205.	0.7	70
2844	Geriatric Pharmacology. <i>Anesthesiology Clinics</i> , 2015, 33, 457-469.	0.6	16
2845	Dynamic coherence analysis of resting fMRI data to jointly capture state-based phase, frequency, and time-domain information. <i>NeuroImage</i> , 2015, 120, 133-142.	2.1	141
2846	Impaired Bottom-Up Effective Connectivity Between Amygdala and Subgenual Anterior Cingulate Cortex in Unmedicated Adolescents with Major Depression: Results from a Dynamic Causal Modeling Analysis. <i>Brain Connectivity</i> , 2015, 5, 608-619.	0.8	36
2847	Fractional amplitude of low-frequency fluctuations of BOLD signal in schizophrenia. , 2015, , .		1
2848	Functional Connectivity. , 2015, , 187-201.		32
2849	The Resting-State Physiology of the Human Cerebral Cortex. , 2015, , 203-209.		4
2850	Speech networks at rest and in action: interactions between functional brain networks controlling speech production. <i>Journal of Neurophysiology</i> , 2015, 113, 2967-2978.	0.9	60
2851	Neural Processes in the Human Temporoparietal Cortex Separated by Localized Independent Component Analysis. <i>Journal of Neuroscience</i> , 2015, 35, 9432-9445.	1.7	93
2852	Neurochemical Modulation in Posteromedial Default-mode Network Cortex Induced by Transcranial Magnetic Stimulation. <i>Brain Stimulation</i> , 2015, 8, 937-944.	0.7	42
2853	Age-related changes in functional connectivity between young adulthood and late adulthood. <i>Analytical Methods</i> , 2015, 7, 4111-4122.	1.3	8
2854	Disease-related differences in resting-state networks. <i>Pain</i> , 2015, 156, 809-819.	2.0	47
2855	Hyper-connectivity of the thalamus during early stages following mild traumatic brain injury. <i>Brain Imaging and Behavior</i> , 2015, 9, 550-563.	1.1	45

#	ARTICLE	IF	CITATIONS
2856	Task- and stimulus-related cortical networks in language production: Exploring similarity of MEG- and fMRI-derived functional connectivity. <i>NeuroImage</i> , 2015, 120, 75-87.	2.1	32
2857	Disrupted resting-state attentional networks in T2DM patients. <i>Scientific Reports</i> , 2015, 5, 11148.	1.6	50
2858	Person Knowledge and Attribution. , 2015, , 147-151.		0
2859	Functional Neuroimaging: Fundamental Principles and Clinical Applications. <i>Neuroradiology Journal</i> , 2015, 28, 87-96.	0.6	25
2860	Vascular Coupling in Resting-State FMRI: Evidence from Multiple Modalities. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 1910-1920.	2.4	39
2861	Correspondence Between Aberrant Intrinsic Network Connectivity and Gray-Matter Volume in the Ventral Brain of Preterm Born Adults. <i>Cerebral Cortex</i> , 2015, 25, 4135-4145.	1.6	59
2862	Changes in visual and sensory-motor resting-state functional connectivity support motor learning by observing. <i>Journal of Neurophysiology</i> , 2015, 114, 677-688.	0.9	33
2863	Functional System and Areal Organization of a Highly Sampled Individual Human Brain. <i>Neuron</i> , 2015, 87, 657-670.	3.8	785
2864	A two-part mixed-effects modeling framework for analyzing whole-brain network data. <i>NeuroImage</i> , 2015, 113, 310-319.	2.1	36
2865	The frequency dimension of fMRI dynamic connectivity: Network connectivity, functional hubs and integration in the resting brain. <i>NeuroImage</i> , 2015, 121, 227-242.	2.1	115
2866	Aberrant functional connectivity of resting state networks associated with trait anxiety. <i>Psychiatry Research - Neuroimaging</i> , 2015, 234, 25-34.	0.9	63
2867	A novel brain partition highlights the modular skeleton shared by structure and function. <i>Scientific Reports</i> , 2015, 5, 10532.	1.6	82
2868	Explanation in Biology. <i>History, Philosophy and Theory of the Life Sciences</i> , 2015, , .	0.4	19
2869	Generalizing Mechanistic Explanations Using Graph-Theoretic Representations. <i>History, Philosophy and Theory of the Life Sciences</i> , 2015, , 199-225.	0.4	12
2870	Network-specific cortico-thalamic dysconnection in schizophrenia revealed by intrinsic functional connectivity analyses. <i>Schizophrenia Research</i> , 2015, 166, 137-143.	1.1	30
2871	Sensitivity to Object Impossibility in the Human Visual Cortex: Evidence from Functional Connectivity. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 1029-1043.	1.1	23
2872	Ketamine-Induced Modulation of the Thalamo-Cortical Network in Healthy Volunteers As a Model for Schizophrenia. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, pyv040.	1.0	93
2873	Oculomotor System. , 2015, , 483-488.		0

#	ARTICLE	IF	CITATIONS
2874	The Emergence of Spontaneous and Evoked Functional Connectivity in a Large-Scale Model of the Brain. , 2015, , 571-579.		1
2875	BrainMap Database as a Resource for Computational Modeling. , 2015, , 675-683.		3
2876	Resting-State Striato-Frontal Functional Connectivity is Sensitive to DAT1 Genotype and Predicts Executive Function. Cerebral Cortex, 2015, 25, 336-345.	1.6	54
2877	Methodological Issues in fMRI Functional Connectivity and Network Analysis. , 2015, , 697-704.		1
2878	MRI and fMRI Optimizations and Applications. , 2015, , 183-190.		0
2879	Thalamocortical Sensorimotor Circuit Damage Associated with Disorders of Consciousness for Diffuse Axonal Injury Patients. Journal of the Neurological Sciences, 2015, 356, 168-174.	0.3	33
2880	Alteration of brain regional homogeneity of monkeys with spinal cord injury: A longitudinal resting-state functional magnetic resonance imaging study. Magnetic Resonance Imaging, 2015, 33, 1156-1162.	1.0	16
2881	Alterations in the functional connectivity of a verbal working memory-related brain network in patients with left temporal lobe epilepsy. Neuroscience Letters, 2015, 602, 6-11.	1.0	10
2882	Resting-state networks in healthy adult subjects: a comparison between a 32-element and an 8-element phased array head coil at 3.0 Tesla. Acta Radiologica, 2015, 56, 605-613.	0.5	11
2883	Altered regional activity and inter-regional functional connectivity in psychogenic non-epileptic seizures. Scientific Reports, 2015, 5, 11635.	1.6	54
2884	Using Edge Voxel Information to Improve Motion Regression for rs-fMRI Connectivity Studies. Brain Connectivity, 2015, 5, 582-595.	0.8	26
2885	Functional Connectivity-Based Parcellation of the Thalamus: An Unsupervised Clustering Method and Its Validity Investigation. Brain Connectivity, 2015, 5, 620-630.	0.8	32
2886	Characterizing Resting-State Brain Function Using Arterial Spin Labeling. Brain Connectivity, 2015, 5, 527-542.	0.8	75
2887	Intrinsic signature of essential tremor in the cerebello-frontal network. Brain, 2015, 138, 2920-2933.	3.7	87
2888	Identifying patients with Alzheimer's disease using resting-state fMRI and graph theory. Clinical Neurophysiology, 2015, 126, 2132-2141.	0.7	181
2889	Dynamic recruitment of resting state sub-networks. NeuroImage, 2015, 115, 85-95.	2.1	93
2890	Functional connectivity arises from a slow rhythmic mechanism. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E2527-35.	3.3	57
2891	The effect of medial temporal lobe epilepsy on visual memory encoding. Epilepsy and Behavior, 2015, 46, 173-184.	0.9	9

#	ARTICLE	IF	CITATIONS
2892	Injury alters intrinsic functional connectivity within the primate spinal cord. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 5991-5996.	3.3	65
2893	Comparison of functional thalamic segmentation from seed-based analysis and ICA. NeuroImage, 2015, 114, 448-465.	2.1	37
2894	BOLD fMRI Correlation Reflects Frequency-Specific Neuronal Correlation. Current Biology, 2015, 25, 1368-1374.	1.8	141
2895	Use of resting-state functional MRI to study brain development and injury in neonates. Seminars in Perinatology, 2015, 39, 130-140.	1.1	64
2896	Altered resting-state cerebral blood flow and its connectivity in schizophrenia. Journal of Psychiatric Research, 2015, 63, 28-35.	1.5	78
2897	Imperceptible Somatosensory Stimulation Alters Sensorimotor Background Rhythm and Connectivity. Journal of Neuroscience, 2015, 35, 5917-5925.	1.7	42
2898	Neuroimaging in autism spectrum disorder: brain structure and function across the lifespan. Lancet Neurology, The, 2015, 14, 1121-1134.	4.9	352
2899	Regional amplitude of the low-frequency fluctuations at rest predicts word-reading skill. Neuroscience, 2015, 298, 318-328.	1.1	18
2900	Altered spontaneous brain activity in heavy smokers revealed by regional homogeneity. Psychopharmacology, 2015, 232, 2481-2489.	1.5	26
2901	Effects of far-infrared radiation on heart rate variability and central manifestations in healthy subjects: a resting-fMRI study. Lasers in Medical Science, 2015, 30, 295-301.	1.0	4
2902	Robust resting state fMRI processing for studies on typical brain development based on multi-echo EPI acquisition. Brain Imaging and Behavior, 2015, 9, 56-73.	1.1	47
2903	Consensus Paper: The Role of the Cerebellum in Perceptual Processes. Cerebellum, 2015, 14, 197-220.	1.4	355
2904	Age-Related Changes in Resting-State Networks of A Large Sample Size of Healthy Elderly. CNS Neuroscience and Therapeutics, 2015, 21, 817-825.	1.9	80
2905	Imaging technologies from bench to bedside. Journal of Translational Medicine, 2015, 13, 97.	1.8	5
2906	Connectomics and new approaches for analyzing human brain functional connectivity. GigaScience, 2015, 4, 13.	3.3	55
2907	Bilingualism alters brain functional connectivity between "control" regions and "language" regions: Evidence from bimodal bilinguals. Neuropsychologia, 2015, 71, 236-247.	0.7	60
2908	Pathological uncoupling between amplitude and connectivity of brain fluctuations in epilepsy. Human Brain Mapping, 2015, 36, 2756-2766.	1.9	45
2909	Optimization of rs-fMRI Pre-processing for Enhanced Signal-Noise Separation, Test-Retest Reliability, and Group Discrimination. NeuroImage, 2015, 117, 67-79.	2.1	167

#	ARTICLE	IF	CITATIONS
2910	Impaired Functional Connectivity Within and Between Frontostriatal Circuits and Its Association With Compulsive Drug Use and Trait Impulsivity in Cocaine Addiction. <i>JAMA Psychiatry</i> , 2015, 72, 584.	6.0	177
2911	Can apparent resting state connectivity arise from systemic fluctuations?. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 285.	1.0	61
2912	Dissociated large-scale functional connectivity networks of the precuneus in medication-naïve first-episode depression. <i>Psychiatry Research - Neuroimaging</i> , 2015, 232, 250-256.	0.9	65
2913	Functional subdivisions of medial parieto-occipital cortex in humans and nonhuman primates using resting-state fMRI. <i>NeuroImage</i> , 2015, 116, 10-29.	2.1	48
2914	Resting-State Whole-Brain Functional Connectivity Networks for MCI Classification Using L2-Regularized Logistic Regression. <i>IEEE Transactions on Nanobioscience</i> , 2015, 14, 237-247.	2.2	58
2915	Echoes of the Brain. <i>Neuroscientist</i> , 2015, 21, 540-551.	2.6	27
2916	The patterns of fractional amplitude of low-frequency fluctuations in depression patients: The dissociation between temporal regions and fronto-parietal regions. <i>Journal of Affective Disorders</i> , 2015, 175, 441-445.	2.0	33
2917	To rise and to fall: functional connectivity in cognitively normal and cognitively impaired patients with Parkinson's disease. <i>Neurobiology of Aging</i> , 2015, 36, 1727-1735.	1.5	119
2918	High frequency functional brain networks in neonates revealed by rapid acquisition resting state fMRI. <i>Human Brain Mapping</i> , 2015, 36, 2483-2494.	1.9	27
2919	Developmental changes in large-scale network connectivity in autism. <i>NeuroImage: Clinical</i> , 2015, 7, 732-741.	1.4	221
2920	Increased interhemispheric functional connectivity in college students with non-clinical depressive symptoms in resting state. <i>Neuroscience Letters</i> , 2015, 589, 67-72.	1.0	9
2921	Gradual emergence of spontaneous correlated brain activity during fading of general anesthesia in rats: Evidences from fMRI and local field potentials. <i>NeuroImage</i> , 2015, 114, 185-198.	2.1	69
2923	Revealing Brain Activity and White Matter Structure Using Functional and Diffusion-Weighted Magnetic Resonance Imaging. <i>Medical Radiology</i> , 2015, , 13-60.	0.0	0
2924	Presurgical Functional Localization Possibilities, Limitations, and Validity. <i>Medical Radiology</i> , 2015, , 247-267.	0.0	1
2925	A splitting brain: Imbalanced neural networks in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2015, 232, 145-153.	0.9	22
2926	Altered salience network connectivity predicts macronutrient intake after sleep deprivation. <i>Scientific Reports</i> , 2015, 5, 8215.	1.6	64
2927	Abnormal cerebellar volume and corticocerebellar dysfunction in early manifest Huntington's disease. <i>Journal of Neurology</i> , 2015, 262, 859-869.	1.8	39
2928	Thalamic abnormalities are a cardinal feature of alcohol-related brain dysfunction. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 54, 38-45.	2.9	62

#	ARTICLE	IF	CITATIONS
2929	Neuropathological sequelae of Human Immunodeficiency Virus and apathy: A review of neuropsychological and neuroimaging studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 55, 147-164.	2.9	40
2930	The Brain's Default Mode Network. <i>Annual Review of Neuroscience</i> , 2015, 38, 433-447.	5.0	2,749
2931	Decreased regional activity and network homogeneity of the fronto-limbic network at rest in drug-naïve major depressive disorder. <i>Australian and New Zealand Journal of Psychiatry</i> , 2015, 49, 550-556.	1.3	34
2932	Mapping intrinsic functional brain changes and repetitive transcranial magnetic stimulation neuromodulation in idiopathic restless legs syndrome: a resting-state functional magnetic resonance imaging study. <i>Sleep Medicine</i> , 2015, 16, 785-791.	0.8	51
2933	Relating Intrinsic Low-Frequency BOLD Cortical Oscillations to Cognition in Schizophrenia. <i>Neuropsychopharmacology</i> , 2015, 40, 2705-2714.	2.8	68
2934	In Search of a Human Self-Regulation System. <i>Annual Review of Neuroscience</i> , 2015, 38, 389-411.	5.0	127
2935	Sub-hubs of baseline functional brain networks are related to early improvement following two-week pharmacological therapy for major depressive disorder. <i>Human Brain Mapping</i> , 2015, 36, 2915-2927.	1.9	72
2936	Neural Basis of Identity Information Extraction from Noisy Face Images. <i>Journal of Neuroscience</i> , 2015, 35, 7165-7173.	1.7	13
2937	Love-related changes in the brain: a resting-state functional magnetic resonance imaging study. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 71.	1.0	40
2939	Effects of HIV and combination antiretroviral therapy on cortico-striatal functional connectivity. <i>Aids</i> , 2015, 29, 703-712.	1.0	74
2940	Cognitive Network Neuroscience. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 1471-1491.	1.1	343
2941	Occipital Cortex of Blind Individuals Is Functionally Coupled with Executive Control Areas of Frontal Cortex. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 1633-1647.	1.1	32
2942	Decreased resting-state connections within the visuospatial attention-related network in advanced aging. <i>Neuroscience Letters</i> , 2015, 597, 13-18.	1.0	13
2943	Face processing in autism spectrum disorders: From brain regions to brain networks. <i>Neuropsychologia</i> , 2015, 71, 201-216.	0.7	117
2944	MRI evaluation and safety in the developing brain. <i>Seminars in Perinatology</i> , 2015, 39, 73-104.	1.1	103
2945	Large-Scale Network Dysfunction in Major Depressive Disorder. <i>JAMA Psychiatry</i> , 2015, 72, 603.	6.0	1,517
2946	Genome Mapping and Genomics in Human and Non-Human Primates. , 2015, , .		0
2947	Altered attention networks in benign childhood epilepsy with centrotemporal spikes (BECTS): A resting-state fMRI study. <i>Epilepsy and Behavior</i> , 2015, 45, 234-241.	0.9	45

#	ARTICLE	IF	CITATIONS
2948	Disrupted Functional Brain Connectome in Patients with Posttraumatic Stress Disorder. <i>Radiology</i> , 2015, 276, 818-827.	3.6	136
2949	Brain Imaging Increases Our Understanding of Developmental Coordination Disorder: a Review of Literature and Future Directions. <i>Current Developmental Disorders Reports</i> , 2015, 2, 131-140.	0.9	71
2950	Special issue "Hearing, aging and cognitive disorders Resting state network changes in aging and cognitive decline. <i>Hearing, Balance and Communication</i> , 2015, 13, 58-64.	0.1	5
2951	Towards a statistical test for functional connectivity dynamics. <i>NeuroImage</i> , 2015, 114, 466-470.	2.1	248
2952	White Matter Damage and Brain Network Alterations in Concussed Patients: A Review of Recent Diffusion Tensor Imaging and Resting-State Functional Connectivity Data. <i>Current Pain and Headache Reports</i> , 2015, 19, 485.	1.3	19
2953	Prenatal Drug Exposure Affects Neonatal Brain Functional Connectivity. <i>Journal of Neuroscience</i> , 2015, 35, 5860-5869.	1.7	72
2954	Altered effective connectivity model in the default mode network between bipolar and unipolar depression based on resting-state fMRI. <i>Journal of Affective Disorders</i> , 2015, 182, 8-17.	2.0	70
2955	Identifying Neuroimaging Markers of Motor Disability in Acute Stroke by Machine Learning Techniques. <i>Cerebral Cortex</i> , 2015, 25, 3046-3056.	1.6	101
2956	Motor Readiness Increases Brain Connectivity Between Default-Mode Network and Motor Cortex: Impact on Sampling Resting Periods from fMRI Event-Related Studies. <i>Brain Connectivity</i> , 2015, 5, 631-640.	0.8	13
2957	Multiregional functional near-infrared spectroscopy reveals globally symmetrical and frequency-specific patterns of superficial interference. <i>Biomedical Optics Express</i> , 2015, 6, 2786.	1.5	31
2958	Cerebro-cerebellar Resting-State Functional Connectivity in Children and Adolescents with Autism Spectrum Disorder. <i>Biological Psychiatry</i> , 2015, 78, 625-634.	0.7	163
2959	Affective mentalizing and brain activity at rest in the behavioral variant of frontotemporal dementia. <i>NeuroImage: Clinical</i> , 2015, 9, 484-497.	1.4	43
2960	Age-related impairments in object-place associations are not due to hippocampal dysfunction.. <i>Behavioral Neuroscience</i> , 2015, 129, 599-610.	0.6	39
2961	Imaging human brain networks to improve the clinical efficacy of non-invasive brain stimulation. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 57, 187-198.	2.9	121
2962	Prefrontal dysfunction in pediatric Tourette's disorder as measured by near-infrared spectroscopy. <i>BMC Psychiatry</i> , 2015, 15, 102.	1.1	18
2963	Subjective Effects of Ethanol, Morphine, Δ^9 -Tetrahydrocannabinol, and Ketamine Following a Pharmacological Challenge Are Related to Functional Brain Connectivity. <i>Brain Connectivity</i> , 2015, 5, 641-648.	0.8	13
2964	Unrealistic representations of "the self": A cognitive neuroscience assessment of anosognosia for memory deficit. <i>Consciousness and Cognition</i> , 2015, 37, 160-177.	0.8	20
2965	Dynamic changes in network synchrony reveal resting-state functional networks. <i>Chaos</i> , 2015, 25, 023116.	1.0	26

#	ARTICLE	IF	CITATIONS
2966	The Rediscovery of Slowness: Exploring the Timing of Cognition. <i>Trends in Cognitive Sciences</i> , 2015, 19, 616-628.	4.0	98
2967	Asymmetry in cross-hippocampal connectivity in unilateral mesial temporal lobe epilepsy. <i>Epilepsy Research</i> , 2015, 118, 14-21.	0.8	11
2968	A Hybrid of Deep Network and Hidden Markov Model for MCI Identification with Resting-State fMRI. <i>Lecture Notes in Computer Science</i> , 2015, 9349, 573-580.	1.0	11
2969	Measuring macroscopic brain connections in vivo. <i>Nature Neuroscience</i> , 2015, 18, 1546-1555.	7.1	292
2970	Dopaminergic Modulation of the Functional Ventrodorsal Architecture of the Human Striatum. <i>Cerebral Cortex</i> , 2017, 27, bhv243.	1.6	42
2971	Typical and Atypical Development of Functional Connectivity in the Face Network. <i>Journal of Neuroscience</i> , 2015, 35, 14624-14635.	1.7	44
2972	Effect of cocaine dependence on brain connections: clinical implications. <i>Expert Review of Neurotherapeutics</i> , 2015, 15, 1307-1319.	1.4	26
2973	Functional Clusters, Hubs, and Communities in the Cortical Microconnectome. <i>Cerebral Cortex</i> , 2015, 25, 3743-3757.	1.6	101
2974	Intranetwork and internetwork functional connectivity alterations in post-traumatic stress disorder. <i>Journal of Affective Disorders</i> , 2015, 187, 114-121.	2.0	62
2975	Multimodal neuroimaging computing: the workflows, methods, and platforms. <i>Brain Informatics</i> , 2015, 2, 181-195.	1.8	22
2977	Functional Magnetic Resonance Imaging Methods. <i>Neuropsychology Review</i> , 2015, 25, 289-313.	2.5	118
2978	Annual Research Review: Growth connectomics – the organization and reorganization of brain networks during normal and abnormal development. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2015, 56, 299-320.	3.1	173
2979	Investigating distinct and common abnormalities of resting-state functional connectivity in depression, anxiety, and their comorbid states. <i>European Neuropsychopharmacology</i> , 2015, 25, 1933-1942.	0.3	56
2980	Negative Blood Oxygen Level Dependent Signals During Speech Comprehension. <i>Brain Connectivity</i> , 2015, 5, 232-244.	0.8	4
2981	The Future of Functional MRI. <i>Biological Magnetic Resonance</i> , 2015, , 895-929.	0.4	0
2982	Brain Networks and Cognitive Architectures. <i>Neuron</i> , 2015, 88, 207-219.	3.8	398
2983	Resting-State Networks. <i>Biological Magnetic Resonance</i> , 2015, , 387-425.	0.4	2
2984	Effect of HAART on Brain Organization and Function in HIV-Negative Subjects. <i>Journal of Neuroimmune Pharmacology</i> , 2015, 10, 517-521.	2.1	15

#	ARTICLE	IF	CITATIONS
2985	The effects of N -Acetylcysteine on frontostriatal resting-state functional connectivity, withdrawal symptoms and smoking abstinence: A double-blind, placebo-controlled fMRI pilot study. Drug and Alcohol Dependence, 2015, 156, 234-242.	1.6	79
2986	Spontaneous Fluctuations and Non-linear Ignitions: Two Dynamic Faces of Cortical Recurrent Loops. Neuron, 2015, 88, 194-206.	3.8	82
2987	Individual Variability of the System-Level Organization of the Human Brain. Cerebral Cortex, 2017, 27, bhv239.	1.6	166
2988	Monitoring Patients with Mental Disorders. , 2015, , .		7
2989	Comparison of continuously acquired resting state and extracted analogues from active tasks. Human Brain Mapping, 2015, 36, 4053-4063.	1.9	26
2990	Nodal centrality of functional network in the differentiation of schizophrenia. Schizophrenia Research, 2015, 168, 345-352.	1.1	57
2991	Similarity analysis of functional connectivity with functional near-infrared spectroscopy. Journal of Biomedical Optics, 2015, 20, 086012.	1.4	7
2992	Dynamic functional connectivity revealed by resting-state functional near-infrared spectroscopy. Biomedical Optics Express, 2015, 6, 2337.	1.5	39
2993	Brain Informatics and Health. Lecture Notes in Computer Science, 2015, , .	1.0	5
2994	Towards an Individualized Delineation of Functional Neuroanatomy. Neuron, 2015, 87, 471-473.	3.8	23
2995	Steady-state BOLD Response to Higher-order Cognition Modulates Low-Frequency Neural Oscillations. Journal of Cognitive Neuroscience, 2015, 27, 2406-2415.	1.1	24
2996	A new hierarchical brain parcellation method based on discrete morse theory for functional MRI data. , 2015, , .		2
2997	Discrimination of Schizophrenia Auditory Hallucinators by Machine Learning of Resting-State Functional MRI. International Journal of Neural Systems, 2015, 25, 1550007.	3.2	61
2998	A Neural Substrate for Behavioral Inhibition in the Risk for Major Depressive Disorder. Journal of the American Academy of Child and Adolescent Psychiatry, 2015, 54, 841-848.	0.3	19
2999	Traumatic Brain Injury: A Major Medical Problem That Could Be Treated Using Transcranial, Red/Near-Infrared LED Photobiomodulation. Photomedicine and Laser Surgery, 2015, 33, 443-446.	2.1	37
3000	A systematic review on the applications of resting-state fMRI in Parkinson's disease: Does dopamine replacement therapy play a role?. Cortex, 2015, 73, 80-105.	1.1	161
3001	Towards a systems view of IBS. Nature Reviews Gastroenterology and Hepatology, 2015, 12, 592-605.	8.2	207
3002	Functional Connectivity in Multiple Cortical Networks Is Associated with Performance Across Cognitive Domains in Older Adults. Brain Connectivity, 2015, 5, 505-516.	0.8	69

#	ARTICLE	IF	CITATIONS
3003	Clinical and neural effects of six-week administration of oxytocin on core symptoms of autism. <i>Brain</i> , 2015, 138, 3400-3412.	3.7	186
3004	How Visual Is the Visual Cortex? Comparing Connectional and Functional Fingerprints between Congenitally Blind and Sighted Individuals. <i>Journal of Neuroscience</i> , 2015, 35, 12545-12559.	1.7	63
3005	Advanced neuroimaging applied to veterans and service personnel with traumatic brain injury: state of the art and potential benefits. <i>Brain Imaging and Behavior</i> , 2015, 9, 367-402.	1.1	63
3006	Resting-State Retinotopic Organization in the Absence of Retinal Input and Visual Experience. <i>Journal of Neuroscience</i> , 2015, 35, 12366-12382.	1.7	55
3007	Amygdala network dysfunction in late-life depression phenotypes: Relationships with symptom dimensions. <i>Journal of Psychiatric Research</i> , 2015, 70, 121-129.	1.5	24
3008	Mapping the mouse brain with rs-fMRI: An optimized pipeline for functional network identification. <i>NeuroImage</i> , 2015, 123, 11-21.	2.1	161
3009	Schizophrenia symptoms and brain network efficiency: A resting-state fMRI study. <i>Psychiatry Research - Neuroimaging</i> , 2015, 234, 208-218.	0.9	40
3010	Putting age-related task activation into large-scale brain networks: A meta-analysis of 114 fMRI studies on healthy aging. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 57, 156-174.	2.9	153
3011	Pushing the Limits of Human Neuroimaging. <i>JAMA - Journal of the American Medical Association</i> , 2015, 314, 993.	3.8	5
3012	What Makes the Muscle Twitch: Motor System Connectivity and TMS-Induced Activity. <i>Cerebral Cortex</i> , 2015, 25, 2346-2353.	1.6	106
3013	Transient brain activity disentangles fMRI resting-state dynamics in terms of spatially and temporally overlapping networks. <i>Nature Communications</i> , 2015, 6, 7751.	5.8	307
3014	Different dynamic resting state fMRI patterns are linked to different frequencies of neural activity. <i>Journal of Neurophysiology</i> , 2015, 114, 114-124.	0.9	32
3015	FDG-PET Contributions to the Pathophysiology of Memory Impairment. <i>Neuropsychology Review</i> , 2015, 25, 326-355.	2.5	23
3016	Regional homogeneity of spontaneous brain activity in adult patients with obsessive-compulsive disorder before and after cognitive behavioural therapy. <i>Journal of Affective Disorders</i> , 2015, 188, 243-251.	2.0	50
3017	Resting-state functional connectivity in major depressive disorder: A review. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 56, 330-344.	2.9	640
3018	Mapping the functional connectivity of the substantia nigra, red nucleus and dentate nucleus: A network analysis hypothesis associated with the extrapyramidal system. <i>Neuroscience Letters</i> , 2015, 606, 36-41.	1.0	16
3019	Identification of Discriminative Subgraph Patterns in fMRI Brain Networks in Bipolar Affective Disorder. <i>Lecture Notes in Computer Science</i> , 2015, , 105-114.	1.0	18
3020	Joint brain connectivity estimation from diffusion and functional MRI data. , 2015, , .		2

#	ARTICLE	IF	CITATIONS
3021	Earlier adolescent substance use onset predicts stronger connectivity between reward and cognitive control brain networks. <i>Developmental Cognitive Neuroscience</i> , 2015, 16, 121-129.	1.9	57
3022	Partial covariance based functional connectivity computation using Ledoit's Wolf covariance regularization. <i>NeuroImage</i> , 2015, 121, 29-38.	2.1	39
3023	Physiologically informed dynamic causal modeling of fMRI data. <i>NeuroImage</i> , 2015, 122, 355-372.	2.1	109
3024	Cortisol awakening response predicts intrinsic functional connectivity of the medial prefrontal cortex in the afternoon of the same day. <i>NeuroImage</i> , 2015, 122, 158-165.	2.1	18
3025	Functional connectivity modeling of consistent cortico-striatal degeneration in Huntington's disease. <i>NeuroImage: Clinical</i> , 2015, 7, 640-652.	1.4	27
3026	An unbiased Bayesian approach to functional connectomics implicates social-communication networks in autism. <i>NeuroImage: Clinical</i> , 2015, 8, 356-366.	1.4	30
3027	Structural damage in early preterm brain changes the electric resting state networks. <i>NeuroImage</i> , 2015, 120, 266-273.	2.1	23
3028	Network analysis of EEG related functional MRI changes due to medication withdrawal in focal epilepsy. <i>NeuroImage: Clinical</i> , 2015, 8, 560-571.	1.4	18
3029	Measuring electrophysiological connectivity by power envelope correlation: a technical review on MEG methods. <i>Physics in Medicine and Biology</i> , 2015, 60, R271-R295.	1.6	108
3030	Mindfulness, Mechanisms and Meaning: Perspectives From the Cognitive Neuroscience of Addiction. <i>Psychological Inquiry</i> , 2015, 26, 349-357.	0.4	28
3031	Resting-state connectivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14115-14116.	3.3	57
3032	Parcellating cortical functional networks in individuals. <i>Nature Neuroscience</i> , 2015, 18, 1853-1860.	7.1	429
3033	Chronology and Chronicity of Altered Resting-State Functional Connectivity after Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2015, 32, 252-264.	1.7	59
3034	Functional connectivity and neuronal variability of resting state activity in bipolar disorder's reduction and decoupling in anterior cortical midline structures. <i>Human Brain Mapping</i> , 2015, 36, 666-682.	1.9	107
3035	Cerebral Autoregulation and Brain Networks in Occlusive Processes of the Internal Carotid Artery. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 240-247.	2.4	24
3036	The contribution of TMS's EEG coregistration in the exploration of the human cortical connectome. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 49, 114-124.	2.9	168
3037	The functional connectivity of intralaminar thalamic nuclei in the human basal ganglia. <i>Human Brain Mapping</i> , 2015, 36, 1335-1347.	1.9	12
3038	Opportunities and methodological challenges in EEG and MEG resting state functional brain network research. <i>Clinical Neurophysiology</i> , 2015, 126, 1468-1481.	0.7	319

#	ARTICLE	IF	CITATIONS
3039	Disrupted small world topology and modular organisation of functional networks in late-life depression with and without amnesic mild cognitive impairment. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2015, 86, 1097-1105.	0.9	49
3040	Neural correlates of the happy life: The amplitude of spontaneous low frequency fluctuations predicts subjective well-being. <i>NeuroImage</i> , 2015, 107, 136-145.	2.1	111
3041	Identifying Sparse Connectivity Patterns in the brain using resting-state fMRI. <i>NeuroImage</i> , 2015, 105, 286-299.	2.1	81
3042	Improving the use of principal component analysis to reduce physiological noise and motion artifacts to increase the sensitivity of task-based fMRI. <i>Journal of Neuroscience Methods</i> , 2015, 241, 18-29.	1.3	18
3043	Neural Circuit Abnormalities in Tourette Syndrome. , 2015, , 733-746.		0
3044	Reproducibility of Graph-Theoretic Brain Network Metrics: A Systematic Review. <i>Brain Connectivity</i> , 2015, 5, 193-202.	0.8	74
3045	Associations of Resting-State fMRI Functional Connectivity with Flow-BOLD Coupling and Regional Vasculature. <i>Brain Connectivity</i> , 2015, 5, 137-146.	0.8	54
3046	Supervised Discriminative Group Sparse Representation for Mild Cognitive Impairment Diagnosis. <i>Neuroinformatics</i> , 2015, 13, 277-295.	1.5	44
3047	Frequency-dependent alterations in the amplitude of low-frequency fluctuations in social anxiety disorder. <i>Journal of Affective Disorders</i> , 2015, 174, 329-335.	2.0	56
3048	BOLD fractional contribution to resting-state functional connectivity above 0.1 Hz. <i>NeuroImage</i> , 2015, 107, 207-218.	2.1	172
3049	Assessing dynamic brain graphs of time-varying connectivity in fMRI data: Application to healthy controls and patients with schizophrenia. <i>NeuroImage</i> , 2015, 107, 345-355.	2.1	194
3050	Effect of hypertension on the resting-state functional connectivity in patients with Alzheimer's disease (AD). <i>Archives of Gerontology and Geriatrics</i> , 2015, 60, 210-216.	1.4	20
3051	Neural Signatures of Autism Spectrum Disorders: Insights into Brain Network Dynamics. <i>Neuropsychopharmacology</i> , 2015, 40, 171-189.	2.8	103
3052	The effects of antidepressant treatment on resting-state functional brain networks in patients with major depressive disorder. <i>Human Brain Mapping</i> , 2015, 36, 768-778.	1.9	154
3053	Resting state functional connectivity changes induced by prior brain state are not network specific. <i>NeuroImage</i> , 2015, 106, 428-440.	2.1	23
3054	Altered gray matter density and disrupted functional connectivity of the amygdala in adults with Internet gaming disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2015, 57, 185-192.	2.5	119
3055	Functional Integration Between Brain Regions at Rest Occurs in Multiple-Frequency Bands. <i>Brain Connectivity</i> , 2015, 5, 23-34.	0.8	178
3056	The Effects of Acutely Administered 3,4-Methylenedioxymethamphetamine on Spontaneous Brain Function in Healthy Volunteers Measured with Arterial Spin Labeling and Blood Oxygen Level-Dependent Resting State Functional Connectivity. <i>Biological Psychiatry</i> , 2015, 78, 554-562.	0.7	136

#	ARTICLE	IF	CITATIONS
3057	Functional Network Development During the First Year: Relative Sequence and Socioeconomic Correlations. <i>Cerebral Cortex</i> , 2015, 25, 2919-2928.	1.6	275
3058	Data quality in fMRI and simultaneous EEG-fMRI. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2015, 28, 23-31.	1.1	9
3059	Anterior-posterior dissociation of the default mode network in dogs. <i>Brain Structure and Function</i> , 2015, 220, 1063-1076.	1.2	24
3060	Age-related decrease of functional connectivity additional to gray matter atrophy in a network for movement initiation. <i>Brain Structure and Function</i> , 2015, 220, 999-1012.	1.2	42
3061	Differentially disrupted functional connectivity of the subregions of the inferior parietal lobule in Alzheimer's disease. <i>Brain Structure and Function</i> , 2015, 220, 745-762.	1.2	63
3062	A Brain-Wide Study of Age-Related Changes in Functional Connectivity. <i>Cerebral Cortex</i> , 2015, 25, 1987-1999.	1.6	617
3063	Dynamic brain functional connectivity modulated by resting-state networks. <i>Brain Structure and Function</i> , 2015, 220, 37-46.	1.2	124
3064	Brains online: structural and functional correlates of habitual Internet use. <i>Addiction Biology</i> , 2015, 20, 415-422.	1.4	60
3065	Development of human brain cortical network architecture during infancy. <i>Brain Structure and Function</i> , 2015, 220, 1173-1186.	1.2	240
3066	Connectomics: A new paradigm for understanding brain disease. <i>European Neuropsychopharmacology</i> , 2015, 25, 733-748.	0.3	187
3067	Linked Sex Differences in Cognition and Functional Connectivity in Youth. <i>Cerebral Cortex</i> , 2015, 25, 2383-2394.	1.6	302
3068	Early-infant diagnostic predictors of the neuro-behavioral development after neonatal care. <i>Behavioural Brain Research</i> , 2015, 276, 143-150.	1.2	6
3069	Therapeutic strategies in multiple sclerosis: A focus on neuroprotection and repair and relevance to schizophrenia. <i>Schizophrenia Research</i> , 2015, 161, 94-101.	1.1	16
3070	Static and Dynamic Characteristics of Cerebral Blood Flow During the Resting State in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2015, 41, 163-170.	2.3	83
3071	Robust Long-Range Coordination of Spontaneous Neural Activity in Waking, Sleep and Anesthesia. <i>Cerebral Cortex</i> , 2015, 25, 2929-2938.	1.6	33
3072	Toward neurobiological characterization of functional homogeneity in the human cortex: regional variation, morphological association and functional covariance network organization. <i>Brain Structure and Function</i> , 2015, 220, 2485-2507.	1.2	110
3073	The Resting Brain of Alcoholics. <i>Cerebral Cortex</i> , 2015, 25, 4155-4168.	1.6	133
3074	Effect of MAOA Genotype on Resting-State Networks in Healthy Participants. <i>Cerebral Cortex</i> , 2015, 25, 1771-1781.	1.6	25

#	ARTICLE	IF	CITATIONS
3075	Altered brain spontaneous activity and connectivity network in irritable bowel syndrome patients: A resting-state fMRI study. <i>Clinical Neurophysiology</i> , 2015, 126, 1190-1197.	0.7	49
3076	Motor Imagery Learning Induced Changes in Functional Connectivity of the Default Mode Network. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2015, 23, 138-148.	2.7	38
3077	Characterization of Post-traumatic Stress Disorder Using Resting-State fMRI with a Multi-level Parametric Classification Approach. <i>Brain Topography</i> , 2015, 28, 221-237.	0.8	105
3078	Large-scale functional brain network changes in taxi drivers: Evidence from resting-state fMRI. <i>Human Brain Mapping</i> , 2015, 36, 862-871.	1.9	24
3079	How can studies of resting-state functional connectivity help us understand psychosis as a disorder of brain development?. <i>Current Opinion in Neurobiology</i> , 2015, 30, 85-91.	2.0	68
3080	Functional Near-Infrared Spectroscopy Reveals Reduced Interhemispheric Cortical Communication after Pediatric Concussion. <i>Journal of Neurotrauma</i> , 2015, 32, 833-840.	1.7	35
3081	Altered Functional Connectivity Patterns of the Insular Subregions in Psychogenic Nonepileptic Seizures. <i>Brain Topography</i> , 2015, 28, 636-645.	0.8	51
3082	Separating slow BOLD from non-BOLD baseline drifts using multi-echo fMRI. <i>NeuroImage</i> , 2015, 105, 189-197.	2.1	60
3083	Imaging with referenceless distortion correction and flexible regions of interest using single-shot biaxial spatiotemporally encoded MRI. <i>NeuroImage</i> , 2015, 105, 93-111.	2.1	14
3084	Physiology of functional and effective networks in epilepsy. <i>Clinical Neurophysiology</i> , 2015, 126, 227-236.	0.7	107
3085	Baseline effects of transcranial direct current stimulation on glutamatergic neurotransmission and large-scale network connectivity. <i>Brain Research</i> , 2015, 1594, 92-107.	1.1	108
3086	Clinical, cognitive, and functional connectivity correlations of resting-state intrinsic brain activity alterations in unmedicated depression. <i>Journal of Affective Disorders</i> , 2015, 172, 241-250.	2.0	65
3087	Dynamic resting state functional connectivity in awake and anesthetized rodents. <i>NeuroImage</i> , 2015, 104, 89-99.	2.1	126
3088	Brain Activity: Connectivity, Sparsity, and Mutual Information. <i>IEEE Transactions on Medical Imaging</i> , 2015, 34, 846-860.	5.4	35
3089	Altered hypothalamic functional connectivity in cluster headache: a longitudinal resting-state functional MRI study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2015, 86, 437-445.	0.9	52
3090	FASTER: Acceleration of functional MRI data acquisition using low rank constraints. <i>Magnetic Resonance in Medicine</i> , 2015, 74, 353-364.	1.9	58
3091	Brain State Differentiation and Behavioral Inflexibility in Autism. <i>Cerebral Cortex</i> , 2015, 25, 4740-4747.	1.6	104
3092	Age differences in the default network at rest and the relation to self-referential processing. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 231-239.	1.5	10

#	ARTICLE	IF	CITATIONS
3093	Frustrated hierarchical synchronization and emergent complexity in the human connectome network. <i>Scientific Reports</i> , 2014, 4, 5990.	1.6	75
3094	Spatial and temporal functional connectivity changes between resting and attentive states. <i>Human Brain Mapping</i> , 2015, 36, 549-565.	1.9	52
3095	Functional overlap and divergence between ALS and bvFTD. <i>Neurobiology of Aging</i> , 2015, 36, 413-423.	1.5	65
3096	Large-Scale Brain Networks of the Human Left Temporal Pole: A Functional Connectivity MRI Study. <i>Cerebral Cortex</i> , 2015, 25, 680-702.	1.6	169
3097	Alterations in Resting-State Brain Networks in Concussed Adolescent Athletes. <i>Journal of Neurotrauma</i> , 2015, 32, 265-271.	1.7	83
3098	Differences in functional connectivity between alcohol dependence and internet gaming disorder. <i>Addictive Behaviors</i> , 2015, 41, 12-19.	1.7	41
3099	Decreased centrality of subcortical regions during the transition to adolescence: A functional connectivity study. <i>NeuroImage</i> , 2015, 104, 44-51.	2.1	43
3100	Multivariate classification of social anxiety disorder using whole brain functional connectivity. <i>Brain Structure and Function</i> , 2015, 220, 101-115.	1.2	321
3101	Aging and response conflict solution: behavioural and functional connectivity changes. <i>Brain Structure and Function</i> , 2015, 220, 1739-1757.	1.2	27
3102	The role of the right temporoparietal junction in attention and social interaction as revealed by ALE meta-analysis. <i>Brain Structure and Function</i> , 2015, 220, 587-604.	1.2	263
3103	Connectivity-based parcellation of the human frontal polar cortex. <i>Brain Structure and Function</i> , 2015, 220, 2603-2616.	1.2	53
3104	Resting-State Network Complexity and Magnitude Are Reduced in Prematurely Born Infants. <i>Cerebral Cortex</i> , 2016, 26, 322-333.	1.6	145
3105	Functional Segregation of the Human Dorsomedial Prefrontal Cortex. <i>Cerebral Cortex</i> , 2016, 26, 304-321.	1.6	130
3106	SwordPlots: Exploring Neuron Behavior within Dynamic Communities of Brain Networks. <i>IS&T International Symposium on Electronic Imaging</i> , 2016, 28, 1-13.	0.3	5
3107	Imaging of Alzheimer's disease: Part 2. , 2016, , .		0
3108	Statistical Learning of the Neurobiology of Schizophrenia. , 2016, , 337-350.		0
3109	Mild Cognitive Impairment. , 2016, , .		0
3110	Imaging Brain Networks for Language. , 2016, , 805-814.		7

#	ARTICLE	IF	CITATIONS
3111	Neuroimaging Promises and Caveats. , 2016, , .		0
3112	Holistic atlases of functional networks and interactions (HAFNI). , 2016, , 435-454.		0
3113	Early Life Adversity and Risk for Depression. , 2016, , 29-77.		4
3114	Philosophy of Neuroscience. , 2016, , .		0
3115	Development of the Brain's Functional Network Architecture. , 2016, , 399-406.		3
3116	The Acute and Chronic Effects of Ketamine as Revealed by Noninvasive Brain Imaging. , 2016, , 689-702.		1
3117	Inter-hemispherical Investigations on the Functional Connectivity of Autistic Resting State fMRI. International Journal of Cognitive Informatics and Natural Intelligence, 2016, 10, 95-108.	0.4	8
3118	State and Training Effects of Mindfulness Meditation on Brain Networks Reflect Neuronal Mechanisms of Its Antidepressant Effect. Neural Plasticity, 2016, 2016, 1-14.	1.0	47
3119	Relationship between the LHPP Gene Polymorphism and Resting-State Brain Activity in Major Depressive Disorder. Neural Plasticity, 2016, 2016, 1-8.	1.0	65
3120	Altered Spontaneous Brain Activity in Cortical and Subcortical Regions in Parkinson's Disease. Parkinson's Disease, 2016, 2016, 1-6.	0.6	14
3121	The Exercising Brain: Changes in Functional Connectivity Induced by an Integrated Multimodal Cognitive and Whole-Body Coordination Training. Neural Plasticity, 2016, 2016, 1-11.	1.0	41
3122	Vagus nerve stimulation balanced disrupted default-mode network and salience network in a postsurgical epileptic patient. Neuropsychiatric Disease and Treatment, 2016, Volume 12, 2561-2571.	1.0	14
3123	Abnormal spontaneous regional brain activity in primary insomnia: a resting-state functional magnetic resonance imaging study. Neuropsychiatric Disease and Treatment, 2016, 12, 1371.	1.0	72
3124	Fundamentals of Functional Neuroimaging. , 0, , 41-73.		3
3125	Resting state functional connectivity analysis for addiction medicine. Progress in Brain Research, 2016, 224, 155-173.	0.9	52
3126	Alzheimer's Biomarkers are Correlated with Brain Connectivity in Older Adults Differentially during Resting and Task States. Frontiers in Aging Neuroscience, 2016, 8, 15.	1.7	28
3127	Frequency-Dependent Brain Regional Homogeneity Alterations in Patients with Mild Cognitive Impairment during Working Memory State Relative to Resting State. Frontiers in Aging Neuroscience, 2016, 8, 60.	1.7	16
3128	Different Alterations of Cerebral Regional Homogeneity in Early-Onset and Late-Onset Parkinson's Disease. Frontiers in Aging Neuroscience, 2016, 8, 165.	1.7	20

#	ARTICLE	IF	CITATIONS
3129	Disrupted Brain Functional Network Architecture in Chronic Tinnitus Patients. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 174.	1.7	48
3130	Toward Developmental Connectomics of the Human Brain. <i>Frontiers in Neuroanatomy</i> , 2016, 10, 25.	0.9	108
3131	From Structure to Circuits: The Contribution of MEG Connectivity Studies to Functional Neurosurgery. <i>Frontiers in Neuroanatomy</i> , 2016, 10, 67.	0.9	17
3132	Ecstatic Epileptic Seizures: A Glimpse into the Multiple Roles of the Insula. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 21.	1.0	38
3133	The Functional Networks of Prepulse Inhibition: Neuronal Connectivity Analysis Based on FDG-PET in Awake and Unrestrained Rats. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 148.	1.0	47
3134	Probing Intrinsic Resting-State Networks in the Infant Rat Brain. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 192.	1.0	24
3135	The "Hub Disruption Index," a Reliable Index Sensitive to the Brain Networks Reorganization. A Study of the Contralateral Hemisphere in Stroke. <i>Frontiers in Computational Neuroscience</i> , 2016, 10, 84.	1.2	27
3136	Structure and Topology Dynamics of Hyper-Frequency Networks during Rest and Auditory Oddball Performance. <i>Frontiers in Computational Neuroscience</i> , 2016, 10, 108.	1.2	17
3137	Immediate and Longitudinal Alterations of Functional Networks after Thalamotomy in Essential Tremor. <i>Frontiers in Neurology</i> , 2016, 7, 184.	1.1	34
3138	Effective Connectivity within the Default Mode Network: Dynamic Causal Modeling of Resting-State fMRI Data. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 14.	1.0	69
3139	Amplitude of Low-Frequency Fluctuations in Multiple-Frequency Bands in Acute Mild Traumatic Brain Injury. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 27.	1.0	28
3140	Resting-State Brain and the FTO Obesity Risk Allele: Default Mode, Sensorimotor, and Salience Network Connectivity Underlying Different Somatosensory Integration and Reward Processing between Genotypes. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 52.	1.0	29
3141	Simultaneous tDCS-fMRI Identifies Resting State Networks Correlated with Visual Search Enhancement. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 72.	1.0	43
3142	Differing Patterns of Altered Slow-5 Oscillations in Healthy Aging and Ischemic Stroke. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 156.	1.0	14
3143	Relationship between Speech Production and Perception in People Who Stutter. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 224.	1.0	20
3144	Influences of Head Motion Regression on High-Frequency Oscillation Amplitudes of Resting-State fMRI Signals. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 243.	1.0	14
3145	Correcting for Blood Arrival Time in Global Mean Regression Enhances Functional Connectivity Analysis of Resting State fMRI-BOLD Signals. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 311.	1.0	89
3146	Vigilance Task-Related Change in Brain Functional Connectivity as Revealed by Wavelet Phase Coherence Analysis of Near-Infrared Spectroscopy Signals. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 400.	1.0	11

#	ARTICLE	IF	CITATIONS
3147	Contribution of Neuroimaging Studies to Understanding Development of Human Cognitive Brain Functions. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 464.	1.0	36
3148	Aberrant Brain Regional Homogeneity and Functional Connectivity in Middle-Aged T2DM Patients: A Resting-State Functional MRI Study. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 490.	1.0	41
3149	Functional Connectivity Abnormalities of Brain Regions with Structural Deficits in Young Adult Male Smokers. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 494.	1.0	12
3150	Dynamic Causal Modeling of Hippocampal Links within the Human Default Mode Network: Lateralization and Computational Stability of Effective Connections. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 528.	1.0	27
3151	Aberrant Functional Connectivity between the Amygdala and the Temporal Pole in Drug-Free Generalized Anxiety Disorder. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 549.	1.0	44
3152	Goal Directed Worry Rules Are Associated with Distinct Patterns of Amygdala Functional Connectivity and Vagal Modulation during Perseverative Cognition. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 553.	1.0	24
3153	Differences in Resting State Functional Connectivity between Young Adult Endurance Athletes and Healthy Controls. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 610.	1.0	69
3154	Neurovascular and Immuno-Imaging: From Mechanisms to Therapies. <i>Proceedings of the Inaugural Symposium. Frontiers in Neuroscience</i> , 2016, 10, 46.	1.4	3
3155	Beta-Band Functional Connectivity is Reorganized in Mild Cognitive Impairment after Combined Computerized Physical and Cognitive Training. <i>Frontiers in Neuroscience</i> , 2016, 10, 55.	1.4	37
3156	Cortical Spectral Activity and Connectivity during Active and Viewed Arm and Leg Movement. <i>Frontiers in Neuroscience</i> , 2016, 10, 91.	1.4	18
3157	An Efficient and Reliable Statistical Method for Estimating Functional Connectivity in Large Scale Brain Networks Using Partial Correlation. <i>Frontiers in Neuroscience</i> , 2016, 10, 123.	1.4	86
3158	An Evolutionary Computation Approach to Examine Functional Brain Plasticity. <i>Frontiers in Neuroscience</i> , 2016, 10, 146.	1.4	16
3159	Signal Fluctuation Sensitivity: An Improved Metric for Optimizing Detection of Resting-State fMRI Networks. <i>Frontiers in Neuroscience</i> , 2016, 10, 180.	1.4	22
3160	Metabolic Covariant Network in Relation to Nigrostriatal Degeneration in Carbon Monoxide Intoxication-Related Parkinsonism. <i>Frontiers in Neuroscience</i> , 2016, 10, 187.	1.4	12
3161	Effects of Body Mass Index and Body Fat Percent on Default Mode, Executive Control, and Salience Network Structure and Function. <i>Frontiers in Neuroscience</i> , 2016, 10, 234.	1.4	49
3162	Beat Keeping in a Sea Lion As Coupled Oscillation: Implications for Comparative Understanding of Human Rhythm. <i>Frontiers in Neuroscience</i> , 2016, 10, 257.	1.4	34
3163	Resting State Functional Connectivity MRI among Spectral MEG Current Sources in Children on the Autism Spectrum. <i>Frontiers in Neuroscience</i> , 2016, 10, 258.	1.4	10
3164	Systemic Low-Frequency Oscillations in BOLD Signal Vary with Tissue Type. <i>Frontiers in Neuroscience</i> , 2016, 10, 313.	1.4	34

#	ARTICLE	IF	CITATIONS
3165	Mapping Multiplex Hubs in Human Functional Brain Networks. <i>Frontiers in Neuroscience</i> , 2016, 10, 326.	1.4	121
3166	Classification and Extraction of Resting State Networks Using Healthy and Epilepsy fMRI Data. <i>Frontiers in Neuroscience</i> , 2016, 10, 440.	1.4	29
3167	Linking Resting-State Networks in the Prefrontal Cortex to Executive Function: A Functional Near Infrared Spectroscopy Study. <i>Frontiers in Neuroscience</i> , 2016, 10, 452.	1.4	26
3168	A Hitchhiker's Guide to Functional Magnetic Resonance Imaging. <i>Frontiers in Neuroscience</i> , 2016, 10, 515.	1.4	159
3169	Spontaneous Neural Dynamics and Multi-scale Network Organization. <i>Frontiers in Systems Neuroscience</i> , 2016, 10, 7.	1.2	60
3170	Brain Plasticity in Blind Subjects Centralizes Beyond the Modal Cortices. <i>Frontiers in Systems Neuroscience</i> , 2016, 10, 61.	1.2	22
3171	Cortico-Striatal-Thalamic Loop Circuits of the Salience Network: A Central Pathway in Psychiatric Disease and Treatment. <i>Frontiers in Systems Neuroscience</i> , 2016, 10, 104.	1.2	378
3172	Spatial Disassociation of Disrupted Functional Connectivity for the Default Mode Network in Patients with End-Stage Renal Disease. <i>PLoS ONE</i> , 2016, 11, e0161392.	1.1	13
3173	Temporal Changes in Local Functional Connectivity Density Reflect the Temporal Variability of the Amplitude of Low Frequency Fluctuations in Gray Matter. <i>PLoS ONE</i> , 2016, 11, e0154407.	1.1	42
3174	Global Functional Connectivity Differences between Sleep-Like States in Urethane Anesthetized Rats Measured by fMRI. <i>PLoS ONE</i> , 2016, 11, e0155343.	1.1	24
3175	Investigating Default Mode and Sensorimotor Network Connectivity in Amyotrophic Lateral Sclerosis. <i>PLoS ONE</i> , 2016, 11, e0157443.	1.1	85
3176	Heterogeneous Aging Effects on Functional Connectivity in Different Cortical Regions: A Resting-State Functional MRI Study Using Functional Data Analysis. <i>PLoS ONE</i> , 2016, 11, e0162028.	1.1	12
3177	Development of the Intrinsic Language Network in Preschool Children from Ages 3 to 5 Years. <i>PLoS ONE</i> , 2016, 11, e0165802.	1.1	23
3178	Dynamic filtering improves attentional state prediction with fNIRS. <i>Biomedical Optics Express</i> , 2016, 7, 979.	1.5	8
3179	Inferring the Dysconnection Syndrome in Schizophrenia: Interpretational Considerations on Methods for the Network Analyses of fMRI Data. <i>Frontiers in Psychiatry</i> , 2016, 7, 132.	1.3	31
3180	Network functional connectivity and whole-brain functional connectomics to investigate cognitive decline in neurodegenerative conditions. <i>Functional Neurology</i> , 2016, 31, 191-203.	1.3	26
3181	The evolving role of physical therapists in the long-term management of chronic low back pain: longitudinal care using assisted self-management strategies. <i>Brazilian Journal of Physical Therapy</i> , 2016, 20, 580-591.	1.1	36
3182	Functional connectivity parcellation of the human brain. , 2016, , 3-29.		0

#	ARTICLE	IF	CITATIONS
3183	Alteration of spontaneous brain activity in COPD patients. International Journal of COPD, 2016, Volume 11, 1713-1719.	0.9	14
3184	Disrupted Intrinsic Local Synchronization in Poststroke Aphasia. Medicine (United States), 2016, 95, e3101.	0.4	18
3185	Presurgical Mapping of the Language Network Using Resting-state Functional Connectivity. Topics in Magnetic Resonance Imaging, 2016, 25, 19-24.	0.7	13
3186	Changes in Problem-Solving Capacity and Association With Spontaneous Brain Activity After a Single Electroconvulsive Treatment in Major Depressive Disorder. Journal of ECT, 2016, 32, 49-54.	0.3	12
3187	Functional Connectivity and Anesthesia. International Anesthesiology Clinics, 2016, 54, 143-155.	0.3	11
3188	Dynamic Multiscale Modes of Resting State Brain Activity Detected by Entropy Field Decomposition. Neural Computation, 2016, 28, 1769-1811.	1.3	11
3189	Comparison between resting state fMRI networks and responsive cortical stimulations in glioma patients. Human Brain Mapping, 2016, 37, 3721-3732.	1.9	61
3190	Realistic models of apparent dynamic changes in resting-state connectivity in somatosensory cortex. Human Brain Mapping, 2016, 37, 3897-3910.	1.9	12
3191	Anatomical and functional connectivity in the default mode network of post-traumatic stress disorder patients after civilian and military-related trauma. Human Brain Mapping, 2016, 37, 589-599.	1.9	49
3192	COMT Val158Met polymorphism influences the susceptibility to framing in decision-making: OFC-amygdala functional connectivity as a mediator. Human Brain Mapping, 2016, 37, 1880-1892.	1.9	21
3193	Dynamic regional phase synchrony (DRePS). Human Brain Mapping, 2016, 37, 1970-1985.	1.9	28
3194	Abnormal functional connectivity in women with urgency urinary incontinence: Can we predict disease presence and severity in individual women using rs-fMRI/. Neurourology and Urodynamics, 2016, 35, 564-573.	0.8	28
3195	The effects of sport dance on brain connectivity and body intelligence. Journal of Cognitive Psychology, 2016, 28, 611-617.	0.4	5
3196	Functional connectivity of brain regions for self- and other-evaluation in children, adolescents and adults with autism. Developmental Science, 2016, 19, 564-580.	1.3	43
3197	Abnormal cognitive network interactions in Lennox-Gastaut syndrome: A potential mechanism of epileptic encephalopathy. Epilepsia, 2016, 57, 812-822.	2.6	26
3198	Epileptic networks are strongly connected with and without the effects of interictal discharges. Epilepsia, 2016, 57, 1086-1096.	2.6	36
3199	Gibbs distribution for statistical analysis of graphical data with a sample application to fMRI brain images. Statistics in Medicine, 2016, 35, 566-580.	0.8	20
3200	Resting-state functional connectivity of the striatum in early-stage Parkinson's disease: Cognitive decline and motor symptomatology. Human Brain Mapping, 2016, 37, 648-662.	1.9	74

#	ARTICLE	IF	CITATIONS
3201	A surface-based technique for mapping homotopic interhemispheric connectivity: Development, characterization, and clinical application. <i>Human Brain Mapping</i> , 2016, 37, 2849-2868.	1.9	12
3202	Abnormal functional architecture of amygdala-centered networks in adolescent posttraumatic stress disorder. <i>Human Brain Mapping</i> , 2016, 37, 1120-1135.	1.9	44
3203	Differential alterations of resting-state functional connectivity in generalized anxiety disorder and panic disorder. <i>Human Brain Mapping</i> , 2016, 37, 1459-1473.	1.9	96
3204	Exploring multifractal-based features for mild Alzheimer's disease classification. <i>Magnetic Resonance in Medicine</i> , 2016, 76, 259-269.	1.9	22
3205	Adolescent Cognitive Control. , 2016, , 177-185.		2
3206	Transcranial alternating current stimulation modulates spontaneous low frequency fluctuations as measured with fMRI. <i>NeuroImage</i> , 2016, 141, 88-107.	2.1	59
3207	Brain plasticity and migraine transformation: fMRI evidences. <i>Expert Review of Neurotherapeutics</i> , 2016, 16, 1413-1425.	1.4	11
3208	Imbalance in subregional connectivity of the right temporoparietal junction in major depression. <i>Human Brain Mapping</i> , 2016, 37, 2931-2942.	1.9	16
3209	Thalamocortical functional connectivity and behavioral disruptions in neonates with prenatal cocaine exposure. <i>Neurotoxicology and Teratology</i> , 2016, 56, 16-25.	1.2	34
3210	Functional Connectivity Differences of the Subthalamic Nucleus Related to Parkinson's Disease. <i>Human Brain Mapping</i> , 2016, 37, 1235-1253.	1.9	25
3211	Intrinsic functional connectivity of periaqueductal gray subregions in humans. <i>Human Brain Mapping</i> , 2016, 37, 1514-1530.	1.9	97
3212	Correlated interregional variations in low frequency local field potentials and resting state BOLD signals within S1 cortex of monkeys. <i>Human Brain Mapping</i> , 2016, 37, 2755-2766.	1.9	20
3213	Complex discharge-affecting networks in juvenile myoclonic epilepsy: A simultaneous EEG-fMRI study. <i>Human Brain Mapping</i> , 2016, 37, 3515-3529.	1.9	47
3214	SwordPlots: Exploring Neuron Behavior within Dynamic Communities of Brain Networks. <i>Journal of Imaging Science and Technology</i> , 2016, 60, 104051-1040513.	0.3	7
3215	Abnormal regional homogeneity as potential imaging biomarker for psychosis risk syndrome: a resting-state fMRI study and support vector machine analysis. <i>Scientific Reports</i> , 2016, 6, 27619.	1.6	25
3217	Chronic Effects of Blast-Related TBI on Subcortical Functional Connectivity in Veterans. <i>Journal of the International Neuropsychological Society</i> , 2016, 22, 631-642.	1.2	14
3218	Role of connectome-based analysis techniques in functional neuroimaging investigations of neurodevelopmental disorders. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2016, 105, 1001-1003.	0.7	4
3219	Change in brain network topology as a function of treatment response in schizophrenia: a longitudinal resting-state fMRI study using graph theory. <i>NPJ Schizophrenia</i> , 2016, 2, 16014.	2.0	100

#	ARTICLE	IF	CITATIONS
3220	Nicotinic receptors in mouse prefrontal cortex modulate ultraslow fluctuations related to conscious processing. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 14823-14828.	3.3	27
3221	Functional brain mapping using specific sensory-circuit stimulation and a theoretical graph network analysis in mice with neuropathic allodynia. Scientific Reports, 2016, 6, 37802.	1.6	30
3222	The Segregation and Integration of Distinct Brain Networks and Their Relationship to Cognition. Journal of Neuroscience, 2016, 36, 12083-12094.	1.7	596
3223	Use of Network Analysis to Establish Neurosurgical Parameters in Gliomas and Epilepsy. Neurologia Medico-Chirurgica, 2016, 56, 158-169.	1.0	9
3224	Introduction to Research in Magnetic Resonance Imaging. , 2016, , .		6
3225	Functional connectivity metrics for wavelet clustering of rs-fMRI data. , 2016, , .		0
3226	Assessment of social and cognitive dysfunction of autism spectrum disorder through functional network connectivity. , 2016, , .		1
3227	Altered resting-state functional activity in posttraumatic stress disorder: A quantitative meta-analysis. Scientific Reports, 2016, 6, 27131.	1.6	101
3228	Language mapping in children using resting-state functional connectivity: comparison with a task-based approach. Journal of Biomedical Optics, 2016, 21, 125006.	1.4	16
3229	Novel method for functional brain imaging in awake minimally restrained rats. Journal of Neurophysiology, 2016, 116, 61-80.	0.9	55
3230	Dependency Network Analysis (DEPNA) Reveals Context Related Influence of Brain Network Nodes. Scientific Reports, 2016, 6, 27444.	1.6	17
3231	A Model for Classification Based on the Functional Connectivity Pattern Dynamics of the Brain. , 2016, , .		4
3232	Mapping the small-world properties of brain networks in deception with functional near-infrared spectroscopy. Scientific Reports, 2016, 6, 25297.	1.6	28
3233	Effects of isoflurane anesthesia on resting-state <scp>fMRI</scp> signals and functional connectivity within primary somatosensory cortex of monkeys. Brain and Behavior, 2016, 6, e00591.	1.0	51
3234	Exploration of connectivity with SEM: An fMRI study of resting state. International Journal of Imaging Systems and Technology, 2016, 26, 264-269.	2.7	2
3235	Resting state functional magnetic resonance imaging processing techniques in stroke studies. Reviews in the Neurosciences, 2016, 27, 871-885.	1.4	25
3236	Longitudinal Study of Impaired Intra- and Inter-Network Brain Connectivity in Subjects at High Risk for Alzheimer's Disease. Journal of Alzheimer's Disease, 2016, 52, 913-927.	1.2	54
3237	Semiparametric Bayes conditional graphical models for imaging genetics applications. Stat, 2016, 5, 322-337.	0.3	6

#	ARTICLE	IF	CITATIONS
3238	Classification of Schizophrenia versus normal subjects using deep learning. , 2016, , .		24
3240	A test-retest dataset for assessing long-term reliability of brain morphology and resting-state brain activity. Scientific Data, 2016, 3, 160016.	2.4	14
3241	Modular structure of brain functional networks: breaking the resolution limit by Surprise. Scientific Reports, 2016, 6, 19250.	1.6	63
3242	Resting-state hemodynamics are spatiotemporally coupled to synchronized and symmetric neural activity in excitatory neurons. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E8463-E8471.	3.3	269
3243	Differentially disrupted functional connectivity of the subregions of the amygdala in Alzheimer's disease. Journal of X-Ray Science and Technology, 2016, 24, 329-342.	0.7	20
3244	Temporal pattern based classification of independent components in resting state fMRI. , 2016, , .		1
3245	Alteration of the Intra- and Cross- Hemisphere Posterior Default Mode Network in Frontal Lobe Glioma Patients. Scientific Reports, 2016, 6, 26972.	1.6	40
3246	Adaptive change point detection of dynamic functional connectivity networks. , 2016, 2016, 1135-1138.		4
3247	Early life stress affects limited regional brain activity in depression. Scientific Reports, 2016, 6, 25338.	1.6	26
3248	Brain connectivity and neurological disorders after stroke. Current Opinion in Neurology, 2016, 29, 706-713.	1.8	96
3249	A phased lag index study in patients with disorders of consciousness. , 2016, , .		0
3250	Enhanced spontaneous functional connectivity of the superior temporal gyrus in early deafness. Scientific Reports, 2016, 6, 23239.	1.6	32
3251	3. Neuroeconomics. , 2016, , .		49
3252	Total-activation regularized deconvolution of resting-state fMRI leads to reproducible networks with spatial overlap. , 2016, , .		3
3253	Disrupted functional connectivity affects resting state based language lateralization. NeuroImage: Clinical, 2016, 12, 910-927.	1.4	14
3254	Classification of fMRI data using dynamic time warping based functional connectivity analysis. , 2016, , .		13
3255	Attentional bias modification (ABM) training induces spontaneous brain activity changes in young women with subthreshold depression: a randomized controlled trial. Psychological Medicine, 2016, 46, 909-920.	2.7	42
3256	What does the nose know? Olfactory function predicts social network size in human. Scientific Reports, 2016, 6, 25026.	1.6	45

#	ARTICLE	IF	CITATIONS
3257	Keeping Weight Off: study protocol of an RCT to investigate brain changes associated with mindfulness-based stress reduction. <i>BMJ Open</i> , 2016, 6, e012573.	0.8	6
3258	Mapping the Connectome Following Traumatic Brain Injury. <i>Current Neurology and Neuroscience Reports</i> , 2016, 16, 44.	2.0	33
3259	Differential effect of age on posterior and anterior hippocampal functional connectivity. <i>NeuroImage</i> , 2016, 133, 468-476.	2.1	72
3260	Regional Patterns of Cortical Phase Synchrony in the Resting State. <i>Brain Connectivity</i> , 2016, 6, 470-481.	0.8	14
3261	The Whole-Brain "Global" Signal from Resting State fMRI as a Potential Biomarker of Quantitative State Changes in Glucose Metabolism. <i>Brain Connectivity</i> , 2016, 6, 435-447.	0.8	70
3262	Brain functional connectivity and cognition in mild traumatic brain injury. <i>Neuroradiology</i> , 2016, 58, 733-739.	1.1	28
3263	Cortical subnetwork dynamics during human language tasks. <i>NeuroImage</i> , 2016, 135, 261-272.	2.1	20
3264	Spontaneous physiological variability modulates dynamic functional connectivity in resting-state functional magnetic resonance imaging. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016, 374, 20150183.	1.6	41
3265	Left inferior parietal lobe engagement in social cognition and language. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 68, 319-334.	2.9	136
3266	Different involvement of subregions within dorsal premotor and medial frontal cortex for pro- and antisaccades. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 68, 256-269.	2.9	32
3267	Alterations of functional and structural connectivity of freezing of gait in Parkinson's disease. <i>Journal of Neurology</i> , 2016, 263, 1583-1592.	1.8	122
3268	Commentary on "The Cerebellar System and What it Signifies from a Biological Perspective: A Communication by Christofredo Jakob (1866-1956) Before the Society of Neurology and Psychiatry of Buenos Aires, December 1938". <i>Cerebellum</i> , 2016, 15, 417-424.	1.4	0
3269	The motor and visual networks in preterm infants: An fMRI and DTI study. <i>Brain Research</i> , 2016, 1642, 603-611.	1.1	15
3270	Self, cortical midline structures and the resting state: Implications for Alzheimer's disease. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 68, 245-255.	2.9	36
3271	Early development of synchrony in cortical activations in the human. <i>Neuroscience</i> , 2016, 322, 298-307.	1.1	32
3272	Neuroimaging Biomarkers of a History of Concussion Observed in Asymptomatic Young Athletes. <i>Journal of Neurotrauma</i> , 2016, 33, 803-810.	1.7	41
3273	PreSurgMapp: a MATLAB Toolbox for Presurgical Mapping of Eloquent Functional Areas Based on Task-Related and Resting-State Functional MRI. <i>Neuroinformatics</i> , 2016, 14, 421-438.	1.5	23
3274	Dissociated functional connectivity profiles for motor and attention deficits in acute right-hemisphere stroke. <i>Brain</i> , 2016, 139, 2024-2038.	3.7	91

#	ARTICLE	IF	CITATIONS
3275	Non-invasive brain stimulation of the aging brain: State of the art and future perspectives. Ageing Research Reviews, 2016, 29, 66-89.	5.0	69
3276	Reconfiguration of Intrinsic Functional Coupling Patterns Following Circumscribed Network Lesions. Cerebral Cortex, 2016, 27, bhw139.	1.6	21
3277	Global signal modulation of single-trial fMRI response variability: Effect on positive vs negative BOLD response relationship. NeuroImage, 2016, 133, 62-74.	2.1	22
3278	Characterizing cerebellar activity during autobiographical memory retrieval: ALE and functional connectivity investigations. Neuropsychologia, 2016, 90, 80-93.	0.7	33
3279	Moving towards causality in attention-deficit hyperactivity disorder: overview of neural and genetic mechanisms. Lancet Psychiatry, 2016, 3, 555-567.	3.7	149
3280	Quantifying the Test-Retest Reliability of Magnetoencephalography Resting-State Functional Connectivity. Brain Connectivity, 2016, 6, 448-460.	0.8	80
3281	Measuring Cortical Connectivity in Alzheimer's Disease as a Brain Neural Network Pathology: Toward Clinical Applications. Journal of the International Neuropsychological Society, 2016, 22, 138-163.	1.2	92
3282	Introduction to JINS Special Issue on Human Brain Connectivity in the Modern Era: Relevance to Understanding Health and Disease. Journal of the International Neuropsychological Society, 2016, 22, 101-104.	1.2	2
3283	Modern Methods for Interrogating the Human Connectome. Journal of the International Neuropsychological Society, 2016, 22, 105-119.	1.2	24
3284	Brain aerobic glycolysis and motor adaptation learning. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E3782-91.	3.3	62
3285	Quantitative comparisons on hand motor functional areas determined by resting state and task BOLD fMRI and anatomical MRI for pre-surgical planning of patients with brain tumors. NeuroImage: Clinical, 2016, 11, 378-387.	1.4	23
3286	Using fMRI to study reward processing in humans: past, present, and future. Journal of Neurophysiology, 2016, 115, 1664-1678.	0.9	84
3287	Early Development of Functional Network Segregation Revealed by Connectomic Analysis of the Preterm Human Brain. Cerebral Cortex, 2017, 27, bhw038.	1.6	117
3288	Prenatal domoic acid exposure disrupts mouse pro-social behavior and functional connectivity MRI. Behavioural Brain Research, 2016, 308, 14-23.	1.2	25
3289	Amplitude of low-frequency fluctuation (ALFF) and fractional ALFF in migraine patients: a resting-state functional MRI study. Clinical Radiology, 2016, 71, 558-564.	0.5	67
3290	Brain connectivity in normally developing children and adolescents. NeuroImage, 2016, 134, 192-203.	2.1	73
3291	Recovery of slow-5 oscillations in a longitudinal study of ischemic stroke patients. NeuroImage: Clinical, 2016, 11, 398-407.	1.4	6
3292	Supplementary Motor Cortical Changes Explored by Resting-State Functional Connectivity in Brachial Plexus Injury. World Neurosurgery, 2016, 88, 300-305.	0.7	17

#	ARTICLE	IF	CITATIONS
3293	Functional Connectivity Between the Temporoparietal Cortex and Cerebellum in Autism Spectrum Disorder. <i>Cerebral Cortex</i> , 2017, 27, bhw079.	1.6	58
3294	DPABI: Data Processing & Analysis for (Resting-State) Brain Imaging. <i>Neuroinformatics</i> , 2016, 14, 339-351.	1.5	2,538
3295	The connectivity domain: Analyzing resting state fMRI data using feature-based data-driven and model-based methods. <i>NeuroImage</i> , 2016, 134, 494-507.	2.1	69
3296	Reduced Amplitude of Low-Frequency Brain Oscillations in the Psychosis Risk Syndrome and Early Illness Schizophrenia. <i>Neuropsychopharmacology</i> , 2016, 41, 2388-2398.	2.8	27
3297	Functional connectivity analysis of resting-state fMRI networks in nicotine dependent patients. , 2016, , .		0
3298	Simultaneous interpreters vs. professional multilingual controls: Group differences in cognitive control as well as brain structure and function. <i>NeuroImage</i> , 2016, 134, 250-260.	2.1	59
3299	Short-term group cognitive behavior therapy contributes to recovery from mild depression: Evidence from functional and structural MRI. <i>Psychiatry Research - Neuroimaging</i> , 2016, 251, 53-59.	0.9	14
3300	Contrasting variability patterns in the default mode and sensorimotor networks balance in bipolar depression and mania. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 4824-4829.	3.3	205
3301	Implication of the Slow-5 Oscillations in the Disruption of the Default-Mode Network in Healthy Aging and Stroke. <i>Brain Connectivity</i> , 2016, 6, 482-495.	0.8	19
3302	Frequency-specific alterations in the fractional amplitude of low-frequency fluctuations in amyotrophic lateral sclerosis. <i>Neurological Sciences</i> , 2016, 37, 1283-1291.	0.9	10
3303	Hormonal contraceptive use is associated with neural and affective changes in healthy young women. <i>NeuroImage</i> , 2016, 134, 597-606.	2.1	68
3304	The Connected Brain: Causality, models, and intrinsic dynamics. <i>IEEE Signal Processing Magazine</i> , 2016, 33, 14-35.	4.6	61
3305	Early pathologic amyloid induces hypersynchrony of BOLD resting-state networks in transgenic mice and provides an early therapeutic window before amyloid plaque deposition. <i>Alzheimer's and Dementia</i> , 2016, 12, 964-976.	0.4	76
3306	Altered white matter integrity and functional connectivity of hyperacute-stage cerebral ischemia in a rat model. <i>Magnetic Resonance Imaging</i> , 2016, 34, 1189-1198.	1.0	15
3307	Alterations in task-induced activity and resting-state fluctuations in visual and DMN areas revealed in long-term meditators. <i>NeuroImage</i> , 2016, 135, 125-134.	2.1	56
3308	Resting-state fMRI reveals potential neural correlates of impaired cognition in Huntington's disease. <i>Parkinsonism and Related Disorders</i> , 2016, 27, 41-46.	1.1	22
3309	Classification of schizophrenia and bipolar patients using static and dynamic resting-state fMRI brain connectivity. <i>NeuroImage</i> , 2016, 134, 645-657.	2.1	294
3310	Pharmacological modulation of pulvinar resting-state regional oscillations and network dynamics in major depression. <i>Psychiatry Research - Neuroimaging</i> , 2016, 252, 10-18.	0.9	16

#	ARTICLE	IF	CITATIONS
3311	Building a Science of Individual Differences from fMRI. Trends in Cognitive Sciences, 2016, 20, 425-443.	4.0	545
3312	Default Mode Network in a Small Cohort of Children with Abnormal Brain MRIs. Journal of Pediatric Epilepsy, 2016, 05, 011-017.	0.1	1
3313	Quantitative mapping of cerebrovascular reactivity using resting-state BOLD fMRI: Validation in healthy adults. NeuroImage, 2016, 138, 147-163.	2.1	84
3314	Contribution of low- and high-flux capillaries to slow hemodynamic fluctuations in the cerebral cortex of mice. Journal of Cerebral Blood Flow and Metabolism, 2016, 36, 1351-1356.	2.4	19
3315	Modulation of Functional Connectivity in Auditory-Motor Networks in Musicians Compared with Nonmusicians. Cerebral Cortex, 2017, 27, bhw120.	1.6	69
3316	Differential effects of methylphenidate and atomoxetine on intrinsic brain activity in children with attention deficit hyperactivity disorder. Psychological Medicine, 2016, 46, 3173-3185.	2.7	39
3317	On the Stability of BOLD fMRI Correlations. Cerebral Cortex, 2017, 27, 4719-4732.	1.6	403
3318	Resting state network topology of the ferret brain. NeuroImage, 2016, 143, 70-81.	2.1	30
3319	Functional Connectivity of Resting Hemodynamic Signals in Submillimeter Orientation Columns of the Visual Cortex. Brain Connectivity, 2016, 6, 596-606.	0.8	7
3320	Episodic specificity induction impacts activity in a core brain network during construction of imagined future experiences. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 10696-10701.	3.3	69
3322	Hemispheric Lateralization of Resting-State Functional Connectivity of the Anterior Insula: Association with Age, Gender, and a Novelty-Seeking Trait. Brain Connectivity, 2016, 6, 724-734.	0.8	59
3323	Noise contributions to the fMRI signal: An overview. NeuroImage, 2016, 143, 141-151.	2.1	227
3324	Advanced MR Imaging Techniques in Daily Practice. Neuroimaging Clinics of North America, 2016, 26, 647-666.	0.5	14
3325	Connectivity-based change point detection for large-size functional networks. NeuroImage, 2016, 143, 353-363.	2.1	27
3326	Cognitive Slowing in Gulf War Illness Predicts Executive Network Hyperconnectivity: Study in a Population-Representative Sample. NeuroImage: Clinical, 2016, 12, 535-541.	1.4	8
3327	Abnormal interhemispheric resting state functional connectivity of the insula in heroin users under methadone maintenance treatment. Psychiatry Research - Neuroimaging, 2016, 255, 9-14.	0.9	15
3328	In vivo imaging reveals impaired connectivity across cortical and subcortical networks in a mouse model of DYT1 dystonia. Neurobiology of Disease, 2016, 95, 35-45.	2.1	29
3329	Selective functional connectivity abnormality of the transition zone of the inferior parietal lobule in schizophrenia. NeuroImage: Clinical, 2016, 11, 789-795.	1.4	18

#	ARTICLE	IF	CITATIONS
3330	Moderate Prenatal Alcohol Exposure Alters Functional Connectivity in the Adult Rat Brain. <i>Alcoholism: Clinical and Experimental Research</i> , 2016, 40, 2134-2146.	1.4	28
3331	Dissociable Changes of Frontal and Parietal Cortices in Inherent Functional Flexibility across the Human Life Span. <i>Journal of Neuroscience</i> , 2016, 36, 10060-10074.	1.7	41
3332	Assessing Variations in Areal Organization for the Intrinsic Brain: From Fingerprints to Reliability. <i>Cerebral Cortex</i> , 2016, 26, 4192-4211.	1.6	82
3333	fMRI of Emotion. <i>Neuromethods</i> , 2016, , 451-494.	0.2	1
3334	fMRI in Neurodegenerative Diseases: From Scientific Insights to Clinical Applications. <i>Neuromethods</i> , 2016, , 699-739.	0.2	6
3335	Dynamic Causal Modeling of Brain Responses. <i>Neuromethods</i> , 2016, , 241-264.	0.2	1
3336	Functional connectivity with the retrosplenial cortex predicts cognitive aging in rats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12286-12291.	3.3	69
3337	Parcellating Whole Brain for Individuals by Simple Linear Iterative Clustering. <i>Lecture Notes in Computer Science</i> , 2016, , 131-139.	1.0	5
3338	Altered local spontaneous activity in frontal lobe epilepsy: a resting-state functional magnetic resonance imaging study. <i>Brain and Behavior</i> , 2016, 6, e00555.	1.0	12
3339	Activity flow over resting-state networks shapes cognitive task activations. <i>Nature Neuroscience</i> , 2016, 19, 1718-1726.	7.1	403
3340	Resting-state functional MRI of abnormal baseline brain activity in young depressed patients with and without suicidal behavior. <i>Journal of Affective Disorders</i> , 2016, 205, 252-263.	2.0	113
3342	Visual dorsal stream is associated with Chinese reading skills: A resting-state fMRI study. <i>Brain and Language</i> , 2016, 160, 42-49.	0.8	19
3343	Altered spontaneous neural activity in the occipital face area reflects behavioral deficits in developmental prosopagnosia. <i>Neuropsychologia</i> , 2016, 89, 344-355.	0.7	39
3344	Measuring Pain for Patients Seeking Physical Therapy: Can Functional Magnetic Resonance Imaging (fMRI) Help?. <i>Physical Therapy</i> , 2017, 97, 145-155.	1.1	3
3345	Dopaminergic receptor blockade changes a functional connectivity network centred on the amygdala. <i>Human Brain Mapping</i> , 2016, 37, 4148-4157.	1.9	4
3346	Nodes and Edges. , 2016, , 37-88.		0
3347	The contributions of resting state and task-based functional connectivity studies to our understanding of adolescent brain network maturation. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 70, 13-32.	2.9	98
3348	Regional homogeneity of intrinsic brain activity correlates with auditory-motor processing of vocal pitch errors. <i>NeuroImage</i> , 2016, 142, 565-575.	2.1	16

#	ARTICLE	IF	CITATIONS
3349	Detection of resting state functional connectivity using partial correlation analysis: A study using multi-distance and whole-head probe near-infrared spectroscopy. <i>NeuroImage</i> , 2016, 142, 590-601.	2.1	40
3350	Reporting of Resting-State Functional Magnetic Resonance Imaging Preprocessing Methodologies. <i>Brain Connectivity</i> , 2016, 6, 663-668.	0.8	27
3351	Catecholaminergic Neuromodulation Shapes Intrinsic MRI Functional Connectivity in the Human Brain. <i>Journal of Neuroscience</i> , 2016, 36, 7865-7876.	1.7	75
3352	Increased Amplitude of Thalamocortical Low-Frequency Oscillations in Patients with Migraine. <i>Journal of Neuroscience</i> , 2016, 36, 8026-8036.	1.7	79
3353	Altered Resting-State Functional Connectivity in the Hand Motor Network in Glioma Patients. <i>Brain Connectivity</i> , 2016, 6, 587-595.	0.8	39
3354	Single-subject morphological brain networks: connectivity mapping, topological characterization and test-retest reliability. <i>Brain and Behavior</i> , 2016, 6, e00448.	1.0	119
3355	Reliability and reproducibility of individual differences in functional connectivity acquired during task and resting state. <i>Brain and Behavior</i> , 2016, 6, e00456.	1.0	128
3356	Multimodal analysis of cortical chemoarchitecture and macroscale fMRI resting-state functional connectivity. <i>Human Brain Mapping</i> , 2016, 37, 3103-3113.	1.9	34
3357	Resting-state functional MR imaging shed insights into the brain of diabetes. <i>Metabolic Brain Disease</i> , 2016, 31, 993-1002.	1.4	16
3358	Functional magnetic resonance imaging. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2016, 135, 61-92.	1.0	46
3359	The functional brain connectome of the child and autism spectrum disorders. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2016, 105, 1024-1035.	0.7	28
3360	Preserved retinotopic brain connectivity in macular degeneration. <i>Ophthalmic and Physiological Optics</i> , 2016, 36, 335-343.	1.0	22
3361	Charting Frontotemporal Dementia: From Genes to Networks. <i>Journal of Neuroimaging</i> , 2016, 26, 16-27.	1.0	9
3362	Repeated acupuncture treatments modulate amygdala resting state functional connectivity of depressive patients. <i>NeuroImage: Clinical</i> , 2016, 12, 746-752.	1.4	53
3363	Functional connectivity networks for preoperative brain mapping in neurosurgery. <i>Journal of Neurosurgery</i> , 2016, 126, 1941-1950.	0.9	38
3364	Connectivity Changes in Parkinson's Disease. <i>Current Neurology and Neuroscience Reports</i> , 2016, 16, 91.	2.0	49
3365	Interpreting BOLD: towards a dialogue between cognitive and cellular neuroscience. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150348.	1.8	46
3366	Uses, misuses, new uses and fundamental limitations of magnetic resonance imaging in cognitive science. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150349.	1.8	55

#	ARTICLE	IF	CITATIONS
3367	What is feasible with imaging human brain function and connectivity using functional magnetic resonance imaging. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150361.	1.8	56
3368	Altered intrinsic connectivity of the auditory cortex in congenital amusia. <i>Journal of Neurophysiology</i> , 2016, 116, 88-97.	0.9	34
3369	How networks communicate: propagation patterns in spontaneous brain activity. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150546.	1.8	112
3370	Neuroimaging Biomarkers in Alzheimer's Disease. , 2016, , 51-100.		8
3371	Cortical sensorimotor alterations classify clinical phenotype and putative genotype of spasmodic dysphonia. <i>European Journal of Neurology</i> , 2016, 23, 1517-1527.	1.7	48
3372	Temporal Evolution of Brain Functional Connectivity Metrics: Could 7 Min of Rest be Enough?. <i>Cerebral Cortex</i> , 2017, 27, 4153-4165.	1.6	46
3373	Transcutaneous vagus nerve stimulation modulates amygdala functional connectivity in patients with depression. <i>Journal of Affective Disorders</i> , 2016, 205, 319-326.	2.0	100
3374	Multimodal assessment of hemispheric lateralization for language and its relevance for behavior. <i>NeuroImage</i> , 2016, 142, 351-370.	2.1	23
3375	Intrinsic functional connectivity underlying successful emotion regulation of angry faces. <i>Social Cognitive and Affective Neuroscience</i> , 2016, 11, 1980-1991.	1.5	44
3376	The influence of preprocessing steps on functional connectivity in resting state fMRI. , 2016, , .		3
3377	Convergent and divergent intranetwork and internetwork connectivity patterns in patients with remitted late-life depression and amnesic mild cognitive impairment. <i>Cortex</i> , 2016, 83, 194-211.	1.1	53
3378	Computational mapping of brain networks. , 2016, , .		0
3379	Magnetic Resonance Imaging (MRI) and Magnetic Resonance Spectroscopy (MRS). , 2016, , 147-170.		0
3380	Resting-state brain networks revealed by granger causal connectivity in frogs. <i>Neuroscience</i> , 2016, 334, 332-340.	1.1	4
3381	Sex and Age Effects of Functional Connectivity in Early Adulthood. <i>Brain Connectivity</i> , 2016, 6, 700-713.	0.8	141
3382	Increased resting state connectivity between ipsilesional motor cortex and contralesional premotor cortex after transcranial direct current stimulation with physical therapy. <i>Scientific Reports</i> , 2016, 6, 23271.	1.6	25
3383	Inter-Strain Differences in Default Mode Network: A Resting State fMRI Study on Spontaneously Hypertensive Rat and Wistar Kyoto Rat. <i>Scientific Reports</i> , 2016, 6, 21697.	1.6	34
3384	Experience-Driven Differences in Childhood Cortisol Predict Affect-Relevant Brain Function and Coping in Adolescent Monozygotic Twins. <i>Scientific Reports</i> , 2016, 6, 37081.	1.6	11

#	ARTICLE	IF	CITATIONS
3385	Adults at Increased Alzheimer's Disease Risk Display Cognitive-Motor Integration Impairment Associated with Changes in Resting-State Functional Connectivity: A Preliminary Study. <i>Journal of Alzheimer's Disease</i> , 2016, 53, 1161-1172.	1.2	8
3386	Association between resting-state brain functional connectivity and muscle sympathetic burst incidence. <i>Journal of Neurophysiology</i> , 2016, 115, 662-673.	0.9	33
3387	Regional and network relationship in the intracranial EEG second spectrum. <i>Clinical Neurophysiology</i> , 2016, 127, 3485-3491.	0.7	3
3388	Hemispheric Asymmetry of Supplementary Motor Area Proper: A Functional Connectivity Study of the Motor Network. <i>Motor Control</i> , 2016, 20, 33-49.	0.3	10
3389	Alteration of the alertness-related network in patients with right temporal lobe epilepsy: A resting state fMRI study. <i>Epilepsy Research</i> , 2016, 127, 252-259.	0.8	26
3390	Global dynamics of selective attention and its lapses in primary auditory cortex. <i>Nature Neuroscience</i> , 2016, 19, 1707-1717.	7.1	99
3391	On the properties of the intensity-curvature measurement approaches: the signal resilient to interpolation and the resilient curvature. <i>International Journal of Innovative Computing and Applications</i> , 2016, 7, 91.	0.2	2
3392	Effects of anesthesia on resting state BOLD signals in white matter of non-human primates. <i>Magnetic Resonance Imaging</i> , 2016, 34, 1235-1241.	1.0	32
3393	Frequency of Maternal Touch Predicts Resting Activity and Connectivity of the Developing Social Brain. <i>Cerebral Cortex</i> , 2016, 26, 3544-3552.	1.6	102
3394	Effects of a spaceflight analog environment on brain connectivity and behavior. <i>NeuroImage</i> , 2016, 141, 18-30.	2.1	58
3395	Atypical within- and between-hemisphere motor network functional connections in children with developmental coordination disorder and attention-deficit/hyperactivity disorder. <i>NeuroImage: Clinical</i> , 2016, 12, 157-164.	1.4	37
3396	Effective Connectivity of Cortical Sensorimotor Networks During Finger Movement Tasks: A Simultaneous fNIRS, fMRI, EEG Study. <i>Brain Topography</i> , 2016, 29, 645-660.	0.8	94
3397	Constituents and functional implications of the rat default mode network. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E4541-7.	3.3	90
3398	Cerebellar contributions to motor control and language comprehension: searching for common computational principles. <i>Annals of the New York Academy of Sciences</i> , 2016, 1369, 154-171.	1.8	70
3399	Resting-State Functional MRI. , 2016, , 247-262.		0
3400	Polypharmacy in Attention-Deficit/Hyperactivity Disorder: More Than the Sum of Its Parts?. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2016, 55, 641-642.	0.3	1
3401	Moral competence and brain connectivity: A resting-state fMRI study. <i>NeuroImage</i> , 2016, 141, 408-415.	2.1	23
3402	Time-varying frequency modes of resting fMRI brain networks reveal significant gender differences. , 2016, , .		1

#	ARTICLE	IF	CITATIONS
3403	Impaired self-agency in functional movement disorders. <i>Neurology</i> , 2016, 87, 564-570.	1.5	117
3404	A theoretical rut: revisiting and critically evaluating the generalized under/overconnectivity hypothesis of autism. <i>Developmental Science</i> , 2016, 19, 524-549.	1.3	101
3405	Intrinsic Brain Hub Connectivity Underlies Individual Differences in Spatial Working Memory. <i>Cerebral Cortex</i> , 2017, 27, 5496-5508.	1.6	66
3406	Topographical functional connectivity patterns exist in the congenitally, prelingually deaf. <i>Scientific Reports</i> , 2016, 6, 29375.	1.6	29
3407	Human corticalâ€“hippocampal dialogue in wake and slow-wave sleep. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E6868-E6876.	3.3	98
3408	Asynchronous Development of Cerebellar, Cerebello-Cortical, and Cortico-Cortical Functional Networks in Infancy, Childhood, and Adulthood. <i>Cerebral Cortex</i> , 2017, 27, 5170-5184.	1.6	22
3409	Functional properties of resting state networks in healthy full-term newborns. <i>Scientific Reports</i> , 2016, 5, 17755.	1.6	50
3410	Group cognitive behavioral therapy modulates the resting-state functional connectivity of amygdala-related network in patients with generalized social anxiety disorder. <i>BMC Psychiatry</i> , 2016, 16, 198.	1.1	49
3411	Relationships between cortical myeloarchitecture and electrophysiological networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 13510-13515.	3.3	96
3412	Exploring spatiotemporal dynamics of the human brain by multimodal imaging. , 2016, 2016, 57-60.		1
3413	Tracking intrinsic connectivity brain network features during successive (Pseudo-) resting states and interoceptive task fMRI. , 2016, 2016, 5567-5570.		2
3414	Altered basal ganglia-cortical functional connections in frontal lobe epilepsy: A resting-state fMRI study. <i>Epilepsy Research</i> , 2016, 128, 12-20.	0.8	24
3415	Decreased amygdala functional connectivity in adolescents with autism: A resting-state fMRI study. <i>Psychiatry Research - Neuroimaging</i> , 2016, 257, 47-56.	0.9	47
3416	Functional Connectivity of the Human Brain in Utero. <i>Trends in Cognitive Sciences</i> , 2016, 20, 931-939.	4.0	94
3417	Asynchrony in executive networks predicts cognitive slowing in multiple sclerosis.. <i>Neuropsychology</i> , 2016, 30, 75-86.	1.0	9
3418	Macroscopic Functional Networks in the Human Brain on Viewing and Recalling Short Video Clips. <i>Neuroscience and Behavioral Physiology</i> , 2016, 46, 934-941.	0.2	0
3419	Functional Imaging: Magnetic Resonance Imaging. , 2016, , 2955-2981.		0
3420	Evidence for Two Independent Factors that Modify Brain Networks to Meet Task Goals. <i>Cell Reports</i> , 2016, 17, 1276-1288.	2.9	128

#	ARTICLE	IF	CITATIONS
3421	Hierarchical organization of functional connectivity in the mouse brain: a complex network approach. <i>Scientific Reports</i> , 2016, 6, 32060.	1.6	28
3422	Abnormal interhemispheric resting-state functional connectivity in primary open-angle glaucoma. , 2016, 2016, 4055-4058.		9
3423	Aberrant Insular Functional Network Integrity in Patients with Obstructive Sleep Apnea. <i>Sleep</i> , 2016, 39, 989-1000.	0.6	47
3424	Anatomical and Functional Brain Network Architecture in Schizophrenia. , 2016, , 313-336.		1
3425	Longitudinal Alteration of Intrinsic Brain Activity in the Striatum in Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2016, 54, 69-78.	1.2	31
3427	Altered regional brain function in the treatment-naïve patients with somatic symptom disorder: a resting-state fMRI study. <i>Brain and Behavior</i> , 2016, 6, e00521.	1.0	24
3429	Altered directional connectivity between emotion network and motor network in Parkinson's disease with depression. <i>Medicine (United States)</i> , 2016, 95, e4222.	0.4	33
3430	Future perspectives toward the early definition of a multivariate decision-support scheme employed in clinical decision making for senior citizens. <i>Healthcare Technology Letters</i> , 2016, 3, 41-45.	1.9	0
3431	Atypical lateralization of motor circuit functional connectivity in children with autism is associated with motor deficits. <i>Molecular Autism</i> , 2016, 7, 35.	2.6	115
3432	Reduced field of view imaging using a static second-order gradient for functional MRI applications. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 817-822.	1.9	6
3433	Three-dimensional echo planar imaging with controlled aliasing: A sequence for high temporal resolution functional MRI. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 2350-2361.	1.9	53
3434	Differentiating unipolar and bipolar depression by alterations in large-scale brain networks. <i>Human Brain Mapping</i> , 2016, 37, 808-818.	1.9	110
3435	Preprocessing strategy influences graph-based exploration of altered functional networks in major depression. <i>Human Brain Mapping</i> , 2016, 37, 1422-1442.	1.9	29
3436	Intrinsic Connectivity Provides the Baseline Framework for Variability in Motor Performance: A Multivariate Fusion Analysis of Low- and High-Frequency Resting-State Oscillations and Antisaccade Performance. <i>Brain Connectivity</i> , 2016, 6, 505-517.	0.8	9
3437	Mutual connectivity analysis (MCA) using generalized radial basis function neural networks for nonlinear functional connectivity network recovery in resting-state functional MRI. , 2016, 9788, .		3
3438	Hemodynamic signals in fNIRS. <i>Progress in Brain Research</i> , 2016, 225, 153-179.	0.9	53
3439	Resting state connectivity patterns with near-infrared spectroscopy data of the whole head. <i>Biomedical Optics Express</i> , 2016, 7, 2524.	1.5	39
3440	Neurocognitive Decoding of Aesthetic Appreciation. , 2016, , 87-106.		3

#	ARTICLE	IF	CITATIONS
3441	Amplitude of low-frequency oscillations associated with emotional conflict control. <i>Experimental Brain Research</i> , 2016, 234, 2561-2566.	0.7	4
3442	Amplitude of low frequency fluctuations during resting state predicts social well-being. <i>Biological Psychology</i> , 2016, 118, 161-168.	1.1	31
3443	Treatment of dysphasia with rTMS and language therapy after childhood stroke: Multimodal imaging of plastic change. <i>Brain and Language</i> , 2016, 159, 23-34.	0.8	26
3444	Reliability of graph analysis of resting state fMRI using test-retest dataset from the Human Connectome Project. <i>NeuroImage</i> , 2016, 142, 172-187.	2.1	154
3445	The 100 most-cited articles in neuroimaging: A bibliometric analysis. <i>NeuroImage</i> , 2016, 139, 149-156.	2.1	70
3446	Resting-state functional magnetic resonance imaging in patients with leukoaraiosis-associated subcortical vascular cognitive impairment: a cross-sectional study. <i>Neurological Research</i> , 2016, 38, 510-517.	0.6	16
3447	Orthostatic tremor: a cerebellar pathology?. <i>Brain</i> , 2016, 139, 2182-2197.	3.7	49
3448	Imaging the Addicted Brain. <i>International Review of Neurobiology</i> , 2016, 129, 1-31.	0.9	36
3449	Posture-related changes in brain functional connectivity as assessed by wavelet phase coherence of NIRS signals in elderly subjects. <i>Behavioural Brain Research</i> , 2016, 312, 238-245.	1.2	38
3450	Large-scale functional network reorganization in 22q11.2 deletion syndrome revealed by modularity analysis. <i>Cortex</i> , 2016, 82, 86-99.	1.1	20
3451	Low-Rank plus Sparse Spatiotemporal MRI: Acceleration, Background Suppression, and Motion Learning. , 2016, , 17-1-17-18.		0
3452	Bayesian Sparse Estimation for Background/Foreground Separation. , 2016, , 21-1-21-18.		0
3454	Multimodal investigation of epileptic networks. <i>Progress in Brain Research</i> , 2016, 226, 1-33.	0.9	9
3455	Long-range dysconnectivity in frontal and midline structures is associated to psychosis in 22q11.2 deletion syndrome. <i>Journal of Neural Transmission</i> , 2016, 123, 823-839.	1.4	38
3456	It's a matter of time: Reframing the development of cognitive control as a modification of the brain's temporal dynamics. <i>Developmental Cognitive Neuroscience</i> , 2016, 18, 70-77.	1.9	46
3457	Automatic EEG-assisted retrospective motion correction for fMRI (aE-REMCOR). <i>NeuroImage</i> , 2016, 129, 133-147.	2.1	26
3458	Broadband Electrophysiological Dynamics Contribute to Global Resting-State fMRI Signal. <i>Journal of Neuroscience</i> , 2016, 36, 6030-6040.	1.7	91
3459	Modulation of brain criticality via suppression of EEG long-range temporal correlations (LRTCs) in a closed-loop neurofeedback stimulation. <i>Clinical Neurophysiology</i> , 2016, 127, 2878-2881.	0.7	5

#	ARTICLE	IF	CITATIONS
3460	Nucleus accumbens functional connectivity discriminates medication-overuse headache. <i>NeuroImage: Clinical</i> , 2016, 11, 686-693.	1.4	32
3461	Working memory performance is related to intrinsic resting state functional connectivity changes in community-dwelling elderly cohort. <i>Neurobiology of Learning and Memory</i> , 2016, 132, 57-66.	1.0	9
3462	Neuromodulatory Role of Revascularization Surgery in Moyamoya Disease. <i>World Neurosurgery</i> , 2016, 91, 473-482.	0.7	9
3463	Alterations in regional homogeneity of resting-state brain activity in patients with major depressive disorder screening positive on the 32-item hypomania checklist (HCL-32). <i>Journal of Affective Disorders</i> , 2016, 203, 69-76.	2.0	14
3464	Age-related alterations in phase synchronization of oxyhemoglobin concentration changes in prefrontal tissues as measured by near-infrared spectroscopy signals. <i>Microvascular Research</i> , 2016, 103, 19-25.	1.1	32
3465	Reproducibility of resting state spinal cord networks in healthy volunteers at 7 Tesla. <i>NeuroImage</i> , 2016, 133, 31-40.	2.1	62
3466	Altered effective connectivity of posterior thalamus in migraine with cutaneous allodynia: a resting-state fMRI study with granger causality analysis. <i>Journal of Headache and Pain</i> , 2016, 17, 17.	2.5	34
3467	Atypical functional connectivity in resting-state networks of individuals with 22q11.2 deletion syndrome: associations with neurocognitive and psychiatric functioning. <i>Journal of Neurodevelopmental Disorders</i> , 2016, 8, 2.	1.5	26
3468	Betel quid dependence is associated with functional connectivity changes of the anterior cingulate cortex: a resting-state fMRI study. <i>Journal of Translational Medicine</i> , 2016, 14, 33.	1.8	25
3469	Influence of menstrual cycle phase on resting-state functional connectivity in naturally cycling, cigarette-dependent women. <i>Biology of Sex Differences</i> , 2016, 7, 24.	1.8	20
3470	Altered intrinsic insular activity predicts symptom severity in unmedicated obsessive-compulsive disorder patients: a resting state functional magnetic resonance imaging study. <i>BMC Psychiatry</i> , 2016, 16, 104.	1.1	43
3471	Intensity-based masking: A tool to improve functional connectivity results of resting-state fMRI. <i>Human Brain Mapping</i> , 2016, 37, 2407-2418.	1.9	27
3472	Structural architecture supports functional organization in the human aging brain at a regionwise and network level. <i>Human Brain Mapping</i> , 2016, 37, 2645-2661.	1.9	88
3473	Cognitive state following mild stroke: A matter of hippocampal mean diffusivity. <i>Hippocampus</i> , 2016, 26, 161-169.	0.9	17
3474	Methods for Connectivity Analysis in fMRI. , 2016, , 213-238.		0
3475	Regional homogeneity changes in amnesic mild cognitive impairment patients. <i>Neuroscience Letters</i> , 2016, 629, 1-8.	1.0	35
3476	Size matters to function: Brain volume correlates with intrinsic brain activity across healthy individuals. <i>NeuroImage</i> , 2016, 139, 271-278.	2.1	35
3477	Frequency of Spontaneous BOLD Signal Differences between Moderate and Late Preterm Newborns and Term Newborns. <i>Neurotoxicity Research</i> , 2016, 30, 539-551.	1.3	9

#	ARTICLE	IF	CITATIONS
3478	Brain functional network connectivity development in very preterm infants: The first six months. <i>Early Human Development</i> , 2016, 98, 29-35.	0.8	32
3479	Longitudinal evaluation of functional connectivity variation in the monkey sensorimotor network induced by spinal cord injury. <i>Acta Physiologica</i> , 2016, 217, 164-173.	1.8	30
3480	Abnormal gray matter volume and resting-state functional connectivity in former heroin-dependent individuals abstinent for multiple years. <i>Addiction Biology</i> , 2016, 21, 646-656.	1.4	42
3481	Unmasking Language Lateralization in Human Brain Intrinsic Activity. <i>Cerebral Cortex</i> , 2016, 26, 1733-1746.	1.6	46
3482	Generation and Evaluation of a Cortical Area Parcellation from Resting-State Correlations. <i>Cerebral Cortex</i> , 2016, 26, 288-303.	1.6	1,132
3483	The changes in the low-frequency fluctuations of cingulate cortex and postcentral gyrus in the treatment of panic disorder: The MRI study. <i>World Journal of Biological Psychiatry</i> , 2016, 17, 58-65.	1.3	19
3484	Alterations in default-mode network connectivity may be influenced by cerebrovascular changes within 1 week of sports related concussion in college varsity athletes: a pilot study. <i>Brain Imaging and Behavior</i> , 2016, 10, 559-568.	1.1	72
3485	Multimodal connectivity mapping of the human left anterior and posterior lateral prefrontal cortex. <i>Brain Structure and Function</i> , 2016, 221, 2589-2605.	1.2	25
3486	Voxelwise eigenvector centrality mapping of the human functional connectome reveals an influence of the catechol-O-methyltransferase val158met polymorphism on the default mode and somatomotor network. <i>Brain Structure and Function</i> , 2016, 221, 2755-2765.	1.2	13
3487	The temporal structure of resting-state brain activity in the medial prefrontal cortex predicts self-consciousness. <i>Neuropsychologia</i> , 2016, 82, 161-170.	0.7	87
3488	Effects of Early and Late Bilingualism on Resting-State Functional Connectivity. <i>Journal of Neuroscience</i> , 2016, 36, 1165-1172.	1.7	95
3489	Intrinsic Visual-Motor Synchrony Correlates With Social Deficits in Autism. <i>Biological Psychiatry</i> , 2016, 79, 633-641.	0.7	132
3490	Abnormalities in large scale functional networks in unmedicated patients with schizophrenia and effects of risperidone. <i>NeuroImage: Clinical</i> , 2016, 10, 146-158.	1.4	94
3491	Abnormal default-mode network homogeneity and its correlations with personality in drug-naïve somatization disorder at rest. <i>Journal of Affective Disorders</i> , 2016, 193, 81-88.	2.0	31
3492	The dynamics of the stress neuromatrix. <i>Molecular Psychiatry</i> , 2016, 21, 302-312.	4.1	94
3493	Exploring the physiological correlates of chronic mild traumatic brain injury symptoms. <i>NeuroImage: Clinical</i> , 2016, 11, 10-19.	1.4	37
3494	Advances in Self-Organizing Maps and Learning Vector Quantization. <i>Advances in Intelligent Systems and Computing</i> , 2016, , .	0.5	12
3495	State-space model with deep learning for functional dynamics estimation in resting-state fMRI. <i>NeuroImage</i> , 2016, 129, 292-307.	2.1	242

#	ARTICLE	IF	CITATIONS
3496	On the origins of the "global signal" determined by functional magnetic resonance imaging in the resting state. <i>Journal of Neural Engineering</i> , 2016, 13, 016012.	1.8	5
3497	Decreased functional connectivity density in pain-related brain regions of female migraine patients without aura. <i>Brain Research</i> , 2016, 1632, 73-81.	1.1	34
3498	Longitudinal changes in resting-state fMRI from age 5 to age 6 years covary with language development. <i>NeuroImage</i> , 2016, 128, 116-124.	2.1	51
3499	Intrinsic Brain Activity and Consciousness. , 2016, , 95-105.		3
3500	Local and Global Resting State Activity in the Noradrenergic and Dopaminergic Pathway Modulated by Reboxetine and Amisulpride in Healthy Subjects. <i>International Journal of Neuropsychopharmacology</i> , 2016, 19, pyv080.	1.0	27
3501	Abnormal functional connectivity of brain network hubs associated with symptom severity in treatment-naïve patients with obsessive-compulsive disorder: A resting-state functional MRI study. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016, 66, 104-111.	2.5	52
3502	Thinking About a Task Is Associated with Increased Connectivity in Regions Activated by Task Performance. <i>Brain Connectivity</i> , 2016, 6, 164-168.	0.8	11
3503	Neuroimaging for patient selection for medial temporal lobe epilepsy surgery: Part 2 functional neuroimaging. <i>Journal of Clinical Neuroscience</i> , 2016, 23, 23-33.	0.8	7
3504	Alteration of long-distance functional connectivity and network topology in patients with supratentorial gliomas. <i>Neuroradiology</i> , 2016, 58, 311-320.	1.1	36
3505	Dynamic Resting-State Functional Connectivity in Major Depression. <i>Neuropsychopharmacology</i> , 2016, 41, 1822-1830.	2.8	348
3506	Diminished Quality of Life and Increased Brain Functional Connectivity in Patients with Hypothyroidism After Total Thyroidectomy. <i>Thyroid</i> , 2016, 26, 641-649.	2.4	27
3507	Functional connectivity of the PFC via partial correlation. <i>Optik</i> , 2016, 127, 4748-4754.	1.4	22
3508	Clinical Resting-state fMRI in the Preoperative Setting. <i>Topics in Magnetic Resonance Imaging</i> , 2016, 25, 11-18.	0.7	63
3510	Task-positive and task-negative networks and their relation to depression: EEG beamformer analysis. <i>Behavioural Brain Research</i> , 2016, 306, 160-169.	1.2	49
3511	Abnormally increased and incoherent resting-state activity is shared between patients with schizophrenia and their unaffected siblings. <i>Schizophrenia Research</i> , 2016, 171, 158-165.	1.1	44
3512	Estimating repetitive spatiotemporal patterns from resting-state brain activity data. <i>NeuroImage</i> , 2016, 133, 251-265.	2.1	13
3513	Imbalanced spontaneous brain activity in orbitofrontal-insular circuits in individuals with cognitive vulnerability to depression. <i>Journal of Affective Disorders</i> , 2016, 198, 56-63.	2.0	27
3514	Shaping Early Reorganization of Neural Networks Promotes Motor Function after Stroke. <i>Cerebral Cortex</i> , 2016, 26, 2882-2894.	1.6	100

#	ARTICLE	IF	CITATIONS
3515	Disrupted functional brain network organization in patients with obstructive sleep apnea. <i>Brain and Behavior</i> , 2016, 6, e00441.	1.0	58
3516	Association of thalamic hyperactivity with treatment-resistant depression and poor response in early treatment for major depression: a resting-state fMRI study using fractional amplitude of low-frequency fluctuations. <i>Translational Psychiatry</i> , 2016, 6, e754-e754.	2.4	72
3517	Correlation between resting state <scp>fMRI</scp> total neuronal activity and <scp>PET</scp> metabolism in healthy controls and patients with disorders of consciousness. <i>Brain and Behavior</i> , 2016, 6, e00424.	1.0	40
3518	Interhemispheric Functional Brain Connectivity in Neonates with Prenatal Alcohol Exposure: Preliminary Findings. <i>Alcoholism: Clinical and Experimental Research</i> , 2016, 40, 113-121.	1.4	27
3519	Intrinsic Functional Connectivity in Attention-Deficit/Hyperactivity Disorder: A Science in Development. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2016, 1, 253-261.	1.1	132
3520	Altered Functional Connectivity of the Insula and Nucleus Accumbens in Internet Gaming Disorder: A Resting State fMRI Study. <i>European Addiction Research</i> , 2016, 22, 192-200.	1.3	51
3521	Hippocampal functional connectivity and episodic memory in early childhood. <i>Developmental Cognitive Neuroscience</i> , 2016, 19, 58-69.	1.9	61
3522	Resting-state functional MRI and [18F]-FDG PET demonstrate differences in neuronal activity between commonly used mouse strains. <i>NeuroImage</i> , 2016, 125, 571-577.	2.1	24
3523	Dynamic Brain Network Correlates of Spontaneous Fluctuations in Attention. <i>Cerebral Cortex</i> , 2017, 27, bhw029.	1.6	151
3524	Optimizing performance through intrinsic motivation and attention for learning: The OPTIMAL theory of motor learning. <i>Psychonomic Bulletin and Review</i> , 2016, 23, 1382-1414.	1.4	621
3525	Individual differences in resting-state functional connectivity predict procrastination. <i>Personality and Individual Differences</i> , 2016, 95, 62-67.	1.6	20
3526	Relationship between functional connectivity and motor function assessment in stroke patients with hemiplegia: a resting-state functional MRI study. <i>Neuroradiology</i> , 2016, 58, 503-511.	1.1	69
3527	Computer-based magnetic resonance imaging as a tool in clinical diagnosis in neurodegenerative diseases. <i>Expert Review of Neurotherapeutics</i> , 2016, 16, 295-306.	1.4	20
3528	Default-Mode Network Abnormalities in Pediatric Posttraumatic Stress Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2016, 55, 319-327.	0.3	64
3529	Imbalance in resting state functional connectivity is associated with eating behaviors and adiposity in children. <i>Heliyon</i> , 2016, 2, e00058.	1.4	16
3530	Metastability and Coherence: Extending the Communication through Coherence Hypothesis Using A Whole-Brain Computational Perspective. <i>Trends in Neurosciences</i> , 2016, 39, 125-135.	4.2	187
3531	Individual differences in the attentional blink: Evidence from the amplitude of low-frequency fluctuations in non-blinkers and blinkers. <i>Biological Psychology</i> , 2016, 114, 33-38.	1.1	6
3532	Altered resting-state whole-brain functional networks of neonates with intrauterine growth restriction. <i>Cortex</i> , 2016, 77, 119-131.	1.1	19

#	ARTICLE	IF	CITATIONS
3533	The plasticity of intrinsic functional connectivity patterns associated with rehabilitation intervention in chronic stroke patients. <i>Neuroradiology</i> , 2016, 58, 417-427.	1.1	38
3534	Frequency-dependent changes in amplitude of low-frequency oscillations in depression: A resting-state fMRI study. <i>Neuroscience Letters</i> , 2016, 614, 105-111.	1.0	81
3535	Measuring the cortical correlation structure of spontaneous oscillatory activity with EEG and MEG. <i>NeuroImage</i> , 2016, 129, 345-355.	2.1	92
3536	Network analysis of functional brain connectivity in borderline personality disorder using resting-state fMRI. <i>NeuroImage: Clinical</i> , 2016, 11, 302-315.	1.4	79
3537	Mutual Connectivity Analysis (MCA) for Nonlinear Functional Connectivity Network Recovery in the Human Brain Using Convergent Cross-Mapping and Non-metric Clustering. <i>Advances in Intelligent Systems and Computing</i> , 2016, , 217-226.	0.5	2
3538	Motor network structure and function are associated with motor performance in Huntington's disease. <i>Journal of Neurology</i> , 2016, 263, 539-549.	1.8	30
3539	Aberrant Hippocampal Connectivity in Unmedicated Patients With Schizophrenia and Effects of Antipsychotic Medication: A Longitudinal Resting State Functional MRI Study. <i>Schizophrenia Bulletin</i> , 2016, 42, 1046-1055.	2.3	104
3540	Brain Age: A State-Of-Mind? On the Stability of Functional Connectivity across Behavioral States. <i>Journal of Neuroscience</i> , 2016, 36, 2325-2328.	1.7	16
3542	Role of structural inhomogeneities in resting-state brain dynamics. <i>Cognitive Neurodynamics</i> , 2016, 10, 361-365.	2.3	6
3543	Patterns of increased intrinsic functional connectivity in patients with restless legs syndrome are associated with attentional control of sensory inputs. <i>Neuroscience Letters</i> , 2016, 617, 264-269.	1.0	31
3544	Adverse Effects of Cannabis on Adolescent Brain Development: A Longitudinal Study. <i>Cerebral Cortex</i> , 2017, 27, bhw015.	1.6	79
3545	Increased Intraregional Synchronized Neural Activity in Adult Brain After Prolonged Adaptation to High-Altitude Hypoxia: A Resting-State fMRI Study. <i>High Altitude Medicine and Biology</i> , 2016, 17, 16-24.	0.5	17
3546	Disrupted Resting-State Functional Connectivity in Nonmedicated Bipolar Disorder. <i>Radiology</i> , 2016, 280, 529-536.	3.6	108
3547	Intrinsic functional network architecture of human semantic processing: Modules and hubs. <i>NeuroImage</i> , 2016, 132, 542-555.	2.1	110
3548	The association between cerebrovascular reactivity and resting-state fMRI functional connectivity in healthy adults: The influence of basal carbon dioxide. <i>NeuroImage</i> , 2016, 132, 301-313.	2.1	46
3549	A ventral salience network in the macaque brain. <i>NeuroImage</i> , 2016, 132, 190-197.	2.1	42
3550	Short-term UROD treatment on cerebral function in codeine-containing cough syrups dependent male individuals. <i>European Radiology</i> , 2016, 26, 2964-2973.	2.3	6
3551	A multi-layer network approach to MEG connectivity analysis. <i>NeuroImage</i> , 2016, 132, 425-438.	2.1	205

#	ARTICLE	IF	CITATIONS
3552	Advanced Neuroimaging of Tinnitus. <i>Neuroimaging Clinics of North America</i> , 2016, 26, 301-312.	0.5	11
3553	Identification of Resting State Networks Involved in Executive Function. <i>Brain Connectivity</i> , 2016, 6, 365-374.	0.8	17
3554	Age differences in the functional interactions among the default, frontoparietal control, and dorsal attention networks. <i>Neurobiology of Aging</i> , 2016, 41, 159-172.	1.5	283
3555	Age-related Multiscale Changes in Brain Signal Variability in Pre-task versus Post-task Resting-state EEG. <i>Journal of Cognitive Neuroscience</i> , 2016, 28, 971-984.	1.1	35
3556	MRI-Based Attenuation Correction for PET/MRI Using Multiphase Level-Set Method. <i>Journal of Nuclear Medicine</i> , 2016, 57, 587-593.	2.8	28
3557	Disconnection and hyper-connectivity underlie reorganization after TBI: A rodent functional connectomic analysis. <i>Experimental Neurology</i> , 2016, 277, 124-138.	2.0	78
3558	Directional patterns of cross frequency phase and amplitude coupling within the resting state mimic patterns of fMRI functional connectivity. <i>NeuroImage</i> , 2016, 128, 238-251.	2.1	38
3559	Distinct and common aspects of physical and psychological self-representation in the brain: A meta-analysis of self-bias in facial and self-referential judgements. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 61, 197-207.	2.9	132
3560	Large-scale functional connectivity networks in the rodent brain. <i>NeuroImage</i> , 2016, 127, 496-509.	2.1	199
3561	Music supported therapy promotes motor plasticity in individuals with chronic stroke. <i>Brain Imaging and Behavior</i> , 2016, 10, 1289-1307.	1.1	87
3562	Brain structureâ€“function associations identified in large-scale neuroimaging data. <i>Brain Structure and Function</i> , 2016, 221, 4459-4474.	1.2	13
3563	EEG characteristics in â€œeyes-openâ€“versus â€œeyes-closedâ€“conditions: Small-world network architecture in healthy aging and age-related brain degeneration. <i>Clinical Neurophysiology</i> , 2016, 127, 1261-1268.	0.7	113
3564	Abnormal striatal resting-state functional connectivity in adolescents with obsessiveâ€“compulsive disorder. <i>Psychiatry Research - Neuroimaging</i> , 2016, 247, 49-56.	0.9	36
3565	Regional homogeneity alterations differentiate between tremor dominant and postural instability gait difficulty subtypes of Parkinsonâ€™s disease. <i>Journal of Neural Transmission</i> , 2016, 123, 219-229.	1.4	32
3566	Selforganization in Complex Systems: The Past, Present, and Future of Synergetics. <i>Understanding Complex Systems</i> , 2016, , .	0.3	8
3567	Dynamic Covariance Models. <i>Journal of the American Statistical Association</i> , 2016, 111, 1196-1207.	1.8	26
3568	Resting-state low-frequency fluctuations reflect individual differences in spoken language learning. <i>Cortex</i> , 2016, 76, 63-78.	1.1	43
3569	Ultra-fast magnetic resonance encephalography of physiological brain activity â€“ Glymphatic pulsation mechanisms?. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 1033-1045.	2.4	283

#	ARTICLE	IF	CITATIONS
3570	Directional Clustering Through Matrix Factorization. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 2095-2107.	7.2	11
3571	Graph theory analysis of complex brain networks: new concepts in brain mapping applied to neurosurgery. Journal of Neurosurgery, 2016, 124, 1665-1678.	0.9	63
3572	Visualizing functional pathways in the human brain using correlation tensors and magnetic resonance imaging. Magnetic Resonance Imaging, 2016, 34, 8-17.	1.0	82
3573	Is amyloid- β^2 harmful to the brain? Insights from human imaging studies. Brain, 2016, 139, 23-30.	3.7	87
3574	Functional connectivity change as shared signal dynamics. Journal of Neuroscience Methods, 2016, 259, 22-39.	1.3	58
3575	Disrupted amplitude of low-frequency fluctuations in antipsychotic-naïve adolescents with early-onset schizophrenia. Psychiatry Research - Neuroimaging, 2016, 249, 20-26.	0.9	24
3576	Brain connectomics predict response to treatment in social anxiety disorder. Molecular Psychiatry, 2016, 21, 680-685.	4.1	161
3577	Advanced MRI techniques to improve our understanding of experience-induced neuroplasticity. NeuroImage, 2016, 131, 55-72.	2.1	99
3578	Reconstructing Large-Scale Brain Resting-State Networks from High-Resolution EEG: Spatial and Temporal Comparisons with fMRI. Brain Connectivity, 2016, 6, 122-135.	0.8	62
3579	Stable Overlapping Replicator Dynamics for Brain Community Detection. IEEE Transactions on Medical Imaging, 2016, 35, 529-538.	5.4	8
3580	From Brain Maps to Cognitive Ontologies: Informatics and the Search for Mental Structure. Annual Review of Psychology, 2016, 67, 587-612.	9.9	258
3581	Exercise Therapy for Parkinson's Disease: Pedaling Rate Is Related to Changes in Motor Connectivity. Brain Connectivity, 2016, 6, 25-36.	0.8	52
3582	Combining task-evoked and spontaneous activity to improve pre-operative brain mapping with fMRI. NeuroImage, 2016, 124, 714-723.	2.1	24
3583	Functional Brain Connectivity Develops Rapidly Around Term Age and Changes Between Vigilance States in the Human Newborn. Cerebral Cortex, 2016, 26, 4540-4550.	1.6	49
3584	The neural basis of trait self-esteem revealed by the amplitude of low-frequency fluctuations and resting state functional connectivity. Social Cognitive and Affective Neuroscience, 2016, 11, 367-376.	1.5	38
3585	Dimensional depression severity in women with major depression and post-traumatic stress disorder correlates with fronto-amygdalar hypoconnectivity. Molecular Psychiatry, 2016, 21, 894-902.	4.1	80
3586	Resting-state functional connectivity of the default mode network associated with happiness. Social Cognitive and Affective Neuroscience, 2016, 11, 516-524.	1.5	72
3587	Sparse SPM: Group Sparse-dictionary learning in SPM framework for resting-state functional connectivity MRI analysis. NeuroImage, 2016, 125, 1032-1045.	2.1	39

#	ARTICLE	IF	CITATIONS
3588	Intrinsic Resting-State Functional Connectivity in the Human Spinal Cord at 3.0 T. <i>Radiology</i> , 2016, 279, 262-268.	3.6	36
3589	Sensitivity enhancement of task-evoked fMRI using ensemble empirical mode decomposition. <i>Journal of Neuroscience Methods</i> , 2016, 258, 56-66.	1.3	7
3590	Disrupted sensorimotor and social cognitive networks underlie symptoms in childhood-onset schizophrenia. <i>Brain</i> , 2016, 139, 276-291.	3.7	95
3591	Neuroanatomical Basis of Consciousness. , 2016, , 3-29.		15
3592	Regional homogeneity changes in patients with primary insomnia. <i>European Radiology</i> , 2016, 26, 1292-1300.	2.3	83
3593	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, 2801-2815.	1.2	21
3594	Development of a selective left-hemispheric fronto-temporal network for processing syntactic complexity in language comprehension. <i>Neuropsychologia</i> , 2016, 83, 274-282.	0.7	32
3595	Patterns of Atypical Functional Connectivity and Behavioral Links in Autism Differ Between Default, Salience, and Executive Networks. <i>Cerebral Cortex</i> , 2016, 26, 4034-4045.	1.6	154
3596	[MEG]PLS: A pipeline for MEG data analysis and partial least squares statistics. <i>NeuroImage</i> , 2016, 124, 181-193.	2.1	10
3597	Differences in the resting-state fMRI global signal amplitude between the eyes open and eyes closed states are related to changes in EEG vigilance. <i>NeuroImage</i> , 2016, 124, 24-31.	2.1	107
3598	Machine-learning to characterise neonatal functional connectivity in the preterm brain. <i>NeuroImage</i> , 2016, 124, 267-275.	2.1	92
3599	Large-scale intrinsic functional network organization along the long axis of the human medial temporal lobe. <i>Brain Structure and Function</i> , 2016, 221, 3237-3258.	1.2	68
3600	Structural and functional neural correlates of self-reported attachment in healthy adults: evidence for an amygdalar involvement. <i>Brain Imaging and Behavior</i> , 2016, 10, 941-952.	1.1	17
3601	Decoupled temporal variability and signal synchronization of spontaneous brain activity in loss of consciousness: An fMRI study in anesthesia. <i>NeuroImage</i> , 2016, 124, 693-703.	2.1	79
3602	Resting-State Functional Connectivity of the Locus Coeruleus in Humans: In Comparison with the Ventral Tegmental Area/Substantia Nigra Pars Compacta and the Effects of Age. <i>Cerebral Cortex</i> , 2016, 26, 3413-3427.	1.6	93
3603	How Mindfulness Training May Help to Reduce Vulnerability for Recurrent Depression. <i>Clinical Psychological Science</i> , 2016, 4, 328-343.	2.4	10
3604	Disentangling Brain Graphs: A Note on the Conflation of Network and Connectivity Analyses. <i>Brain Connectivity</i> , 2016, 6, 95-98.	0.8	21
3605	Functional Connectivity Is Associated With Altered Brain Chemistry in Women With Endometriosis-Associated Chronic Pelvic Pain. <i>Journal of Pain</i> , 2016, 17, 1-13.	0.7	135

#	ARTICLE	IF	CITATIONS
3606	Data-Driven and Predefined ROI-Based Quantification of Long-Term Resting-State fMRI Reproducibility. <i>Brain Connectivity</i> , 2016, 6, 136-151.	0.8	19
3607	Advanced Neuroimaging Methods Towards Characterization of Early Stages of Alzheimer's Disease. <i>Methods in Molecular Biology</i> , 2016, 1303, 509-519.	0.4	9
3608	Distinct patterns of spontaneous brain activity between children and adults with anisometropic amblyopia: a resting-state fMRI study. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2016, 254, 569-576.	1.0	26
3609	Functional Connectivity Patterns of Visual Cortex Reflect its Anatomical Organization. <i>Cerebral Cortex</i> , 2016, 26, 3719-3731.	1.6	29
3610	Brain Network Reconfiguration and Perceptual Decoupling During an Absorptive State of Consciousness. <i>Cerebral Cortex</i> , 2016, 26, 3116-3124.	1.6	57
3611	Multivariate classification of autism spectrum disorder using frequency-specific resting-state functional connectivity: A multi-center study. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016, 64, 1-9.	2.5	164
3612	Individual differences in resting-state functional connectivity with the executive network: support for a cerebellar role in anxiety vulnerability. <i>Brain Structure and Function</i> , 2016, 221, 3081-3093.	1.2	41
3613	High-Resolution Functional Connectivity Density: Hub Locations, Sensitivity, Specificity, Reproducibility, and Reliability. <i>Cerebral Cortex</i> , 2016, 26, 3249-3259.	1.6	73
3614	Cholinergic and serotonergic modulations differentially affect large-scale functional networks in the mouse brain. <i>Brain Structure and Function</i> , 2016, 221, 3067-3079.	1.2	31
3615	Oscillatory correlates of moral decision-making: Effect of personality. <i>Social Neuroscience</i> , 2016, 11, 233-248.	0.7	7
3616	Altered frontal inter-hemispheric resting state functional connectivity is associated with bulimic symptoms among restrained eaters. <i>Neuropsychologia</i> , 2016, 81, 22-30.	0.7	16
3617	Regional Homogeneity. <i>Neuroscientist</i> , 2016, 22, 486-505.	2.6	228
3618	Longitudinal reproducibility of default-mode network connectivity in healthy elderly participants: A multicentric resting-state fMRI study. <i>NeuroImage</i> , 2016, 124, 442-454.	2.1	85
3619	Is Traumatic Brain Injury Associated with Reduced Inter-Hemispheric Functional Connectivity? A Study of Large-Scale Resting State Networks following Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2016, 33, 977-989.	1.7	47
3620	Functional topography of the thalamocortical system in human. <i>Brain Structure and Function</i> , 2016, 221, 1971-1984.	1.2	99
3621	The development of the intrinsic functional connectivity of default network subsystems from age 3 to 5. <i>Brain Imaging and Behavior</i> , 2016, 10, 50-59.	1.1	17
3622	The association between alterations of eye movement control and cerebral intrinsic functional connectivity in Parkinson's disease. <i>Brain Imaging and Behavior</i> , 2016, 10, 79-91.	1.1	36
3623	Cerebellar contributions to neurological soft signs in healthy young adults. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2016, 266, 35-41.	1.8	17

#	ARTICLE	IF	CITATIONS
3624	Altered functional brain networks in amnesic mild cognitive impairment: a resting-state fMRI study. <i>Brain Imaging and Behavior</i> , 2017, 11, 619-631.	1.1	84
3625	Altered resting state functional connectivity of anterior insula in young smokers. <i>Brain Imaging and Behavior</i> , 2017, 11, 155-165.	1.1	69
3626	Perfusion information extracted from resting state functional magnetic resonance imaging. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 564-576.	2.4	79
3627	Aberrant regional homogeneity of resting-state executive control, default mode, and salience networks in adult patients with moyamoya disease. <i>Brain Imaging and Behavior</i> , 2017, 11, 176-184.	1.1	18
3628	Recovery of functional connectivity of the sensorimotor network after surgery for diffuse low-grade gliomas involving the supplementary motor area. <i>Journal of Neurosurgery</i> , 2017, 126, 1181-1190.	0.9	106
3629	Cerebral functional connectivity and Mayer waves in mice: Phenomena and separability. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 471-484.	2.4	32
3630	Magnetic resonance advection imaging of cerebrovascular pulse dynamics. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 1223-1235.	2.4	5
3631	Spontaneous and Therapeutic-Induced Mechanisms of Functional Recovery After Stroke. <i>Translational Stroke Research</i> , 2017, 8, 33-46.	2.3	199
3632	A Multimodal Structural and Functional Neuroimaging Study of Amnesic Mild Cognitive Impairment. <i>American Journal of Geriatric Psychiatry</i> , 2017, 25, 158-169.	0.6	31
3633	Deontic Justice and Organizational Neuroscience. <i>Journal of Business Ethics</i> , 2017, 144, 733-754.	3.7	51
3634	An investigation of a quadratic design criterion for estimation of the hemodynamic response function. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2017, 46, 2945-2956.	0.6	0
3635	Non redundant functional brain connectivity in schizophrenia. <i>Brain Imaging and Behavior</i> , 2017, 11, 552-564.	1.1	16
3636	Postoperative executive function in adult moyamoya disease: a preliminary study of its functional anatomy and behavioral correlates. <i>Journal of Neurosurgery</i> , 2017, 126, 527-536.	0.9	34
3637	Functional connectivity associated with social networks in older adults: A resting-state fMRI study. <i>Social Neuroscience</i> , 2017, 12, 242-252.	0.7	29
3638	Functional Connectivity of the Infant Human Brain. <i>Neuroscientist</i> , 2017, 23, 169-184.	2.6	265
3639	Detection of Functional Homotopy in Traumatic Axonal Injury. <i>European Radiology</i> , 2017, 27, 325-335.	2.3	28
3640	Magnetic susceptibility-induced echo-time shifts: Is there a bias in age-related fMRI studies?. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 45, 207-214.	1.9	5
3641	Model-free functional connectivity and impulsivity correlates of alcohol dependence: a resting-state study. <i>Addiction Biology</i> , 2017, 22, 206-217.	1.4	117

#	ARTICLE	IF	CITATIONS
3642	Brain Connectivity and Functional Recovery in Patients With Ischemic Stroke. <i>Journal of Neuroimaging</i> , 2017, 27, 65-70.	1.0	40
3643	Aberrant development of intrinsic brain activity in a rat model of caregiver maltreatment of offspring. <i>Translational Psychiatry</i> , 2017, 7, e1005-e1005.	2.4	63
3644	Towards prognostic biomarkers from BOLD fluctuations to differentiate a first epileptic seizure from new-onset epilepsy. <i>Epilepsia</i> , 2017, 58, 476-483.	2.6	15
3645	Imperfect (de)convolution may introduce spurious psychophysiological interactions and how to avoid it. <i>Human Brain Mapping</i> , 2017, 38, 1723-1740.	1.9	26
3646	Altered default mode, fronto-parietal and salience networks in adolescents with Internet addiction. <i>Addictive Behaviors</i> , 2017, 70, 1-6.	1.7	51
3647	Interpretation of the Precision Matrix and Its Application in Estimating Sparse Brain Connectivity during Sleep Spindles from Human Electroencephalography Recordings. <i>Neural Computation</i> , 2017, 29, 603-642.	1.3	20
3648	Tinnitus distress is linked to enhanced resting-state functional connectivity from the limbic system to the auditory cortex. <i>Human Brain Mapping</i> , 2017, 38, 2384-2397.	1.9	104
3649	Hemispheric lateralization of resting-state functional connectivity of the ventral striatum: an exploratory study. <i>Brain Structure and Function</i> , 2017, 222, 2573-2583.	1.2	32
3650	Functional connectivity analysis using fNIRS in healthy subjects during prolonged simulated driving. <i>Neuroscience Letters</i> , 2017, 640, 21-28.	1.0	73
3651	The emergence of functional architecture during early brain development. <i>NeuroImage</i> , 2017, 160, 2-14.	2.1	119
3652	Time to wake up: Studying neurovascular coupling and brain-wide circuit function in the un-anesthetized animal. <i>NeuroImage</i> , 2017, 153, 382-398.	2.1	177
3653	Noise and non-neuronal contributions to the BOLD signal: applications to and insights from animal studies. <i>NeuroImage</i> , 2017, 154, 267-281.	2.1	28
3654	Relationship between individual differences in functional connectivity and facial-emotion recognition abilities in adults with traumatic brain injury. <i>NeuroImage: Clinical</i> , 2017, 13, 370-377.	1.4	25
3655	Resting-state brain alteration after a single dose of SSRI administration predicts 8-week remission of patients with major depressive disorder. <i>Psychological Medicine</i> , 2017, 47, 438-450.	2.7	51
3656	Resting state brain connectivity patterns before eventual relapse into cocaine abuse. <i>Behavioural Brain Research</i> , 2017, 327, 121-132.	1.2	26
3657	Longitudinal multi-modal neuroimaging in opsoclonus-myoclonus syndrome. <i>Journal of Neurology</i> , 2017, 264, 512-519.	1.8	17
3658	Frequency-dependent changes in the amplitude of low-frequency fluctuations in patients with Wilson's disease: a resting-state fMRI study. <i>Metabolic Brain Disease</i> , 2017, 32, 685-692.	1.4	16
3659	Combined spatiotemporal ICA (stICA) for continuous and dynamic lag structure analysis of MREG data. <i>NeuroImage</i> , 2017, 148, 352-363.	2.1	13

#	ARTICLE	IF	CITATIONS
3660	From connectome to cognition: The search for mechanism in human functional brain networks. <i>NeuroImage</i> , 2017, 160, 124-139.	2.1	102
3661	Altered amplitude of low frequency fluctuations in schizophrenia patients with persistent auditory verbal hallucinations. <i>Schizophrenia Research</i> , 2017, 189, 97-103.	1.1	43
3662	Biomarkers, designs, and interpretations of resting-state fMRI in translational pharmacological research: A review of state-of-the-art, challenges, and opportunities for studying brain chemistry. <i>Human Brain Mapping</i> , 2017, 38, 2276-2325.	1.9	57
3663	Transcranial Direct Current Stimulation Targeting Primary Motor Versus Dorsolateral Prefrontal Cortices: Proof-of-Concept Study Investigating Functional Connectivity of Thalamocortical Networks Specific to Sensory-Affective Information Processing. <i>Brain Connectivity</i> , 2017, 7, 182-196.	0.8	43
3664	Effects of aging on functional and structural brain connectivity. <i>NeuroImage</i> , 2017, 160, 32-40.	2.1	428
3665	Effortful control and resting state networks: A longitudinal EEG study. <i>Neuroscience</i> , 2017, 346, 365-381.	1.1	17
3666	Maintenance and Representation of Mind Wandering during Resting-State fMRI. <i>Scientific Reports</i> , 2017, 7, 40722.	1.6	30
3667	Common and distinct brain networks underlying verbal and visual creativity. <i>Human Brain Mapping</i> , 2017, 38, 2094-2111.	1.9	74
3668	Mapping the Brain for Primary Brain Tumor Surgery. , 2017, , 63-79.		4
3669	Test-Retest Reproducibility of the Intrinsic Default Mode Network: Influence of Functional Magnetic Resonance Imaging Slice-Order Acquisition and Head-Motion Correction Methods. <i>Brain Connectivity</i> , 2017, 7, 69-83.	0.8	8
3670	Altered fractional amplitude of low frequency fluctuation associated with cognitive dysfunction in first-episode drug-naïve major depressive disorder patients. <i>BMC Psychiatry</i> , 2017, 17, 11.	1.1	37
3671	Confirmation of resting-state BOLD fluctuations in the human brainstem and spinal cord after identification and removal of physiological noise. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 2149-2156.	1.9	40
3672	Test-retest reliability of functional connectivity networks during naturalistic fMRI paradigms. <i>Human Brain Mapping</i> , 2017, 38, 2226-2241.	1.9	113
3673	Global signal regression acts as a temporal downweighting process in resting-state fMRI. <i>NeuroImage</i> , 2017, 152, 602-618.	2.1	53
3674	Perspectives on fronto-fugal circuitry from human imaging of alcohol use disorders. <i>Neuropharmacology</i> , 2017, 122, 189-200.	2.0	53
3675	The Potential for Advanced Magnetic Resonance Neuroimaging Techniques in Pediatric Stroke Research. <i>Pediatric Neurology</i> , 2017, 69, 24-36.	1.0	8
3676	Mapping visual dominance in human sleep. <i>NeuroImage</i> , 2017, 150, 250-261.	2.1	9
3677	Individual differences and time-varying features of modular brain architecture. <i>NeuroImage</i> , 2017, 152, 94-107.	2.1	87

#	ARTICLE	IF	CITATIONS
3678	Reorganization of early visual cortex functional connectivity following selective peripheral and central visual loss. <i>Scientific Reports</i> , 2017, 7, 43223.	1.6	24
3679	Functional connectivity of motor cortical network in patients with brachial plexus avulsion injury after contralateral cervical nerve transfer: a resting-state fMRI study. <i>Neuroradiology</i> , 2017, 59, 247-253.	1.1	14
3680	A method for independent component graph analysis of resting-state fMRI. <i>Brain and Behavior</i> , 2017, 7, e00626.	1.0	27
3681	Abnormal functional networks in resting-state of the sub-cortical chronic stroke patients with hemiplegia. <i>Brain Research</i> , 2017, 1663, 51-58.	1.1	14
3682	Functional connectivity in resting state as a phonemic fluency ability measure. <i>Neuropsychologia</i> , 2017, 97, 98-103.	0.7	10
3683	Functional connectivity and activity of white matter in somatosensory pathways under tactile stimulations. <i>NeuroImage</i> , 2017, 152, 371-380.	2.1	55
3684	Frequency-phase analysis of resting-state functional MRI. <i>Scientific Reports</i> , 2017, 7, 43743.	1.6	18
3685	The left middle temporal gyrus in the middle of an impaired social-affective communication network in social anxiety disorder. <i>Journal of Affective Disorders</i> , 2017, 214, 53-59.	2.0	43
3686	Brain injury with diabetes mellitus: evidence, mechanisms and treatment implications. <i>Expert Review of Clinical Pharmacology</i> , 2017, 10, 409-428.	1.3	128
3687	Repetitive transcranial magnetic stimulation (rTMS) of the dorsolateral prefrontal cortex reduces resting-state insula activity and modulates functional connectivity of the orbitofrontal cortex in cigarette smokers. <i>Drug and Alcohol Dependence</i> , 2017, 174, 98-105.	1.6	66
3688	Shared Attention and Interindividual Neural Synchronization in the Human Right Inferior Frontal Cortex. , 2017, , 207-225.		7
3689	Spontaneous brain activity in the sensorimotor cortex in amyotrophic lateral sclerosis can be negatively regulated by corticospinal fiber integrity. <i>Neurological Sciences</i> , 2017, 38, 755-760.	0.9	9
3690	Biophysical and neural basis of resting state functional connectivity: Evidence from non-human primates. <i>Magnetic Resonance Imaging</i> , 2017, 39, 71-81.	1.0	29
3691	Development of large-scale functional networks from birth to adulthood: A guide to the neuroimaging literature. <i>NeuroImage</i> , 2017, 160, 15-31.	2.1	322
3692	Abnormal regional activity and functional connectivity in resting-state brain networks associated with etiology confirmed unilateral pulsatile tinnitus in the early stage of disease. <i>Hearing Research</i> , 2017, 346, 55-61.	0.9	19
3693	Identifying the presence of Parkinson's disease using low-frequency fluctuations in BOLD signals. <i>Neuroscience Letters</i> , 2017, 645, 1-6.	1.0	59
3694	Bayesian switching factor analysis for estimating time-varying functional connectivity in fMRI. <i>NeuroImage</i> , 2017, 155, 271-290.	2.1	41
3695	Atypical developmental trajectory of local spontaneous brain activity in autism spectrum disorder. <i>Scientific Reports</i> , 2017, 7, 39822.	1.6	43

#	ARTICLE	IF	CITATIONS
3696	Emergence of a hierarchical brain during infancy reflected by stepwise functional connectivity. <i>Human Brain Mapping</i> , 2017, 38, 2666-2682.	1.9	18
3697	Alteration of Spontaneous Brain Activity After Hypoxiaâ€œReoxygenation: A Resting-State fMRI Study. <i>High Altitude Medicine and Biology</i> , 2017, 18, 20-26.	0.5	20
3698	Abnormal functional connectivity strength in patients with adolescent-onset schizophrenia: a resting-state fMRI study. <i>European Child and Adolescent Psychiatry</i> , 2017, 26, 839-845.	2.8	25
3699	Abnormal regional spontaneous neuronal activity associated with symptom severity in treatment-naïve patients with obsessive-compulsive disorder revealed by resting-state functional MRI. <i>Neuroscience Letters</i> , 2017, 640, 99-104.	1.0	30
3700	Resting-State Network Topology Differentiates Task Signals across the Adult Life Span. <i>Journal of Neuroscience</i> , 2017, 37, 2734-2745.	1.7	72
3702	Epileptic Discharge Related Functional Connectivity Within and Between Networks in Benign Epilepsy with Centrotemporal Spikes. <i>International Journal of Neural Systems</i> , 2017, 27, 1750018.	3.2	43
3703	Altered interhemispheric functional connectivity in patients with anisometropic and strabismic amblyopia: a resting-state fMRI study. <i>Neuroradiology</i> , 2017, 59, 517-524.	1.1	33
3704	Resting-state functional reorganization in Parkinson's disease: An activation likelihood estimation meta-analysis. <i>Cortex</i> , 2017, 92, 119-138.	1.1	101
3705	The Dorsolateral Prefrontal Cortex in Acute and Chronic Pain. <i>Journal of Pain</i> , 2017, 18, 1027-1035.	0.7	295
3706	Electroconvulsive therapy changes the regional resting state function measured by regional homogeneity (ReHo) and amplitude of low frequency fluctuations (ALFF) in elderly major depressive disorder patients: An exploratory study. <i>Psychiatry Research - Neuroimaging</i> , 2017, 264, 13-21.	0.9	38
3707	Longitudinal recovery of local neuronal activity and consciousness level in acquired brain injury. <i>Human Brain Mapping</i> , 2017, 38, 3579-3591.	1.9	12
3708	Synchronization and variability imbalance underlie cognitive impairment in primary-progressive multiple sclerosis. <i>Scientific Reports</i> , 2017, 7, 46411.	1.6	27
3709	Resting-State Seed-Based Analysis: An Alternative to Task-Based Language fMRI and Its Laterality Index. <i>American Journal of Neuroradiology</i> , 2017, 38, 1187-1192.	1.2	27
3710	Brain structure, function, and neurochemistry in schizophrenia and bipolar disorderâ€œa systematic review of the magnetic resonance neuroimaging literature. <i>NPJ Schizophrenia</i> , 2017, 3, 15.	2.0	164
3711	APOE Genotype Effects on Intrinsic Brain Network Connectivity in Patients with Amnesic Mild Cognitive Impairment. <i>Scientific Reports</i> , 2017, 7, 397.	1.6	23
3712	Improved 7 Tesla resting-state fMRI connectivity measurements by cluster-based modeling of respiratory volume and heart rate effects. <i>NeuroImage</i> , 2017, 153, 262-272.	2.1	14
3713	A resource for assessing information processing in the developing brain using EEG and eye tracking. <i>Scientific Data</i> , 2017, 4, 170040.	2.4	48
3714	Sensorimotor-independent development of hands and tools selectivity in the visual cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 4787-4792.	3.3	34

#	ARTICLE	IF	CITATIONS
3715	Washing away your sins in the brain: physical cleaning and priming of cleaning recruit different brain networks after moral threat. <i>Social Cognitive and Affective Neuroscience</i> , 2017, 12, 1149-1158.	1.5	8
3716	Pramipexole Modulates Interregional Connectivity Within the Sensorimotor Network. <i>Brain Connectivity</i> , 2017, 7, 258-263.	0.8	9
3717	Functional hypergraph uncovers novel covariant structures over neurodevelopment. <i>Human Brain Mapping</i> , 2017, 38, 3823-3835.	1.9	44
3718	Resting-State BOLD MRI for Perfusion and Ischemia. <i>Topics in Magnetic Resonance Imaging</i> , 2017, 26, 91-96.	0.7	24
3719	Implications of neurovascular uncoupling in functional magnetic resonance imaging (fMRI) of brain tumors. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 3475-3487.	2.4	77
3720	Disrupted resting brain graph measures in individuals at high risk for alcoholism. <i>Psychiatry Research - Neuroimaging</i> , 2017, 265, 54-64.	0.9	25
3721	Characterization and correction of the false-discovery rates in resting state connectivity using functional near-infrared spectroscopy. <i>Journal of Biomedical Optics</i> , 2017, 22, 055002.	1.4	73
3722	Clinical utility of a short resting-state MRI scan in differentiating bipolar from unipolar depression. <i>Acta Psychiatrica Scandinavica</i> , 2017, 136, 288-299.	2.2	58
3723	Influence of endogenous estradiol, progesterone, allopregnanolone, and dehydroepiandrosterone sulfate on brain resting state functional connectivity across the menstrual cycle. <i>Fertility and Sterility</i> , 2017, 107, 1246-1255.e4.	0.5	47
3724	How structure sculpts function: Unveiling the contribution of anatomical connectivity to the brain's spontaneous correlation structure. <i>Chaos</i> , 2017, 27, 047409.	1.0	52
3725	Individual parcellation of resting fMRI with a group functional connectivity prior. <i>NeuroImage</i> , 2017, 156, 87-100.	2.1	80
3726	Resting state functional connectivity in primary insomnia, generalized anxiety disorder and controls. <i>Psychiatry Research - Neuroimaging</i> , 2017, 265, 26-34.	0.9	44
3727	<scp>l</scp>-Dopa responsiveness is associated with distinctive connectivity patterns in advanced Parkinson's disease. <i>Movement Disorders</i> , 2017, 32, 874-883.	2.2	37
3728	Characterization of Differences in Functional Connectivity Associated with Close-Range Blast Exposure. <i>Journal of Neurotrauma</i> , 2017, 34, S-53-S-61.	1.7	26
3729	Mesial temporal lobe epilepsy diminishes functional connectivity during emotion perception. <i>Epilepsy Research</i> , 2017, 134, 33-40.	0.8	26
3730	Effect of confounding variables on hemodynamic response function estimation using averaging and deconvolution analysis: An event-related NIRS study. <i>NeuroImage</i> , 2017, 155, 25-49.	2.1	26
3731	High spatial correspondence at a columnar level between activation and resting state fMRI signals and local field potentials. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 5253-5258.	3.3	27
3732	Brain Resting-State Functional Connectivity Is Preserved Under Sevoflurane Anesthesia in Patients with Pervasive Developmental Disorders: A Pilot Study. <i>Brain Connectivity</i> , 2017, 7, 250-257.	0.8	12

#	ARTICLE	IF	CITATIONS
3733	Connectome imaging for mapping human brain pathways. <i>Molecular Psychiatry</i> , 2017, 22, 1230-1240.	4.1	100
3734	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.	1.2	33
3735	High-resolution functional MRI identified distinct global intrinsic functional networks of nociceptive posterior insula and S2 regions in squirrel monkey brain. <i>NeuroImage</i> , 2017, 155, 147-158.	2.1	25
3736	Polymorphism of ERK/PTPRR Genes in Major Depressive Disorder at Resting-State Brain Function. <i>Developmental Neuropsychology</i> , 2017, 42, 231-240.	1.0	10
3737	Intrinsic functional organization of putative language networks in the brain following left cerebral hemispherectomy. <i>Brain Structure and Function</i> , 2017, 222, 3795-3805.	1.2	27
3738	Association of medial prefrontal cortex connectivity with consciousness level and its outcome in patients with acquired brain injury. <i>Journal of Clinical Neuroscience</i> , 2017, 42, 160-166.	0.8	29
3739	Magnetic resonance imaging connectivity for the prediction of seizure outcome in temporal lobe epilepsy. <i>Epilepsia</i> , 2017, 58, 1251-1260.	2.6	62
3740	Putative Brain Networks Underlying Repetitive Negative Thinking and Comorbid Internalizing Problems in Autism. <i>Clinical Psychological Science</i> , 2017, 5, 522-536.	2.4	31
3741	Predictors for drug effects with brain disease: Shed new light from EEG parameters to brain connectomics. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 110, 26-36.	1.9	4
3742	Mixed Signals: On Separating Brain Signal from Noise. <i>Trends in Cognitive Sciences</i> , 2017, 21, 405-406.	4.0	54
3743	Abnormal connectivity in the sensorimotor network predicts attention deficits in traumatic brain injury. <i>Experimental Brain Research</i> , 2017, 235, 799-807.	0.7	45
3744	Predicting individual brain functional connectivity using a Bayesian hierarchical model. <i>NeuroImage</i> , 2017, 147, 772-787.	2.1	20
3745	Multisite reliability of MR-based functional connectivity. <i>NeuroImage</i> , 2017, 146, 959-970.	2.1	140
3746	Regional homogeneity associated with overgeneral autobiographical memory of first-episode treatment-naïve patients with major depressive disorder in the orbitofrontal cortex: A resting-state fMRI study. <i>Journal of Affective Disorders</i> , 2017, 209, 163-168.	2.0	15
3747	Olanzapine modulates the default-mode network homogeneity in recurrent drug-free schizophrenia at rest. <i>Australian and New Zealand Journal of Psychiatry</i> , 2017, 51, 1000-1009.	1.3	21
3748	Altered Coupling Between Resting-State Cerebral Blood Flow and Functional Connectivity in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2017, 43, 1363-1374.	2.3	109
3749	Altered intra- and interregional synchronization in the absence of the corpus callosum: a resting-state fMRI study. <i>Neurological Sciences</i> , 2017, 38, 1279-1286.	0.9	6
3750	Decreased functional connectivity and disrupted neural network in the prefrontal cortex of affective disorders: A resting-state fNIRS study. <i>Journal of Affective Disorders</i> , 2017, 221, 132-144.	2.0	54

#	ARTICLE	IF	CITATIONS
3751	Learning stable and predictive network-based patterns of schizophrenia and its clinical symptoms. NPJ Schizophrenia, 2017, 3, 22.	2.0	33
3752	Exploring connectivity with large-scale Granger causality on resting-state functional MRI. Journal of Neuroscience Methods, 2017, 287, 68-79.	1.3	31
3753	The dynamic functional core network of the human brain at rest. Scientific Reports, 2017, 7, 2936.	1.6	108
3754	Pattern recognition of functional brain networks. , 2017, , .		0
3755	Functional connectivity between somatosensory and motor brain areas predicts individual differences in motor learning by observing. Journal of Neurophysiology, 2017, 118, 1235-1243.	0.9	36
3756	Hierarchy of Information Processing in the Brain: A Novel "Intrinsic Ignition"™ Framework. Neuron, 2017, 94, 961-968.	3.8	91
3757	The shared neural basis of music and language. Neuroscience, 2017, 357, 208-219.	1.1	30
3758	Dynamic brain glucose metabolism identifies anti-correlated cortical-cerebellar networks at rest. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 3659-3670.	2.4	45
3759	Strategy-based reasoning training modulates cortical thickness and resting-state functional connectivity in adults with chronic traumatic brain injury. Brain and Behavior, 2017, 7, e00687.	1.0	35
3760	Intrinsic functional connectivity alterations in progressive supranuclear palsy: Differential effects in frontal cortex, motor, and midbrain networks. Movement Disorders, 2017, 32, 1006-1015.	2.2	24
3761	Learning to read alters cortico-subcortical cross-talk in the visual system of illiterates. Science Advances, 2017, 3, e1602612.	4.7	54
3762	Modular Segregation of Structural Brain Networks Supports the Development of Executive Function in Youth. Current Biology, 2017, 27, 1561-1572.e8.	1.8	305
3763	Altered thalamo-cortical resting state functional connectivity in smokers. Neuroscience Letters, 2017, 653, 120-125.	1.0	17
3764	Evidence for Functional Networks within the Human Brain's White Matter. Journal of Neuroscience, 2017, 37, 6394-6407.	1.7	176
3765	Left-lateralization of resting state functional connectivity between the presupplementary motor area and primary language areas. NeuroReport, 2017, 28, 545-550.	0.6	25
3766	Multifocal tDCS targeting the resting state motor network increases cortical excitability beyond traditional tDCS targeting unilateral motor cortex. Neurolmage, 2017, 157, 34-44.	2.1	143
3767	Transcutaneous Spinal Direct Current Stimulation Alters Resting-State Functional Connectivity. Brain Connectivity, 2017, 7, 357-365.	0.8	23
3768	The impacts of pesticide and nicotine exposures on functional brain networks in Latino immigrant workers. NeuroToxicology, 2017, 62, 138-150.	1.4	16

#	ARTICLE	IF	CITATIONS
3769	Co-altered functional networks and brain structure in unmedicated patients with bipolar and major depressive disorders. <i>Brain Structure and Function</i> , 2017, 222, 4051-4064.	1.2	77
3770	Brain circuitry—gene expression relationships and neuroplasticity of multisensory cortices in blind children. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 6830-6835.	3.3	36
3771	The large-scale functional connectivity correlates of consciousness and arousal during the healthy and pathological human sleep cycle. <i>NeuroImage</i> , 2017, 160, 55-72.	2.1	77
3772	Spontaneous activity in the visual cortex is organized by visual streams. <i>Human Brain Mapping</i> , 2017, 38, 4613-4630.	1.9	9
3773	Tau and amyloid β proteins distinctively associate to functional network changes in the aging brain. <i>Alzheimer's and Dementia</i> , 2017, 13, 1261-1269.	0.4	90
3774	The Resting-State Functional Magnetic Resonance Imaging Regional Homogeneity Metrics—Kendall's Coefficient of Concordance-Regional Homogeneity and Coherence-Regional Homogeneity—Are Valid Indicators of Tumor-Related Neurovascular Uncoupling. <i>Brain Connectivity</i> , 2017, 7, 228-235.	0.8	21
3775	Estimating Whole-Brain Dynamics by Using Spectral Clustering. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2017, 66, 607-627.	0.5	39
3776	Small-world human brain networks: Perspectives and challenges. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 77, 286-300.	2.9	285
3777	Dose-response effect of acute phencyclidine on functional connectivity and dopamine levels, and their association with schizophrenia-like symptom classes in rat. <i>Neuropharmacology</i> , 2017, 119, 15-25.	2.0	13
3778	Short- and long-range functional connectivity density alterations in adolescents with pure conduct disorder at resting-state. <i>Neuroscience</i> , 2017, 351, 96-107.	1.1	35
3779	Functional reorganization in obstructive sleep apnoea and insomnia: A systematic review of the resting-state fMRI. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 77, 219-231.	2.9	134
3780	Functional connectivity dynamically evolves on multiple time-scales over a static structural connectome: Models and mechanisms. <i>NeuroImage</i> , 2017, 160, 84-96.	2.1	319
3781	Resting-state networks associated with cognitive processing show more age-related decline than those associated with emotional processing. <i>Neurobiology of Aging</i> , 2017, 54, 152-162.	1.5	44
3782	Concurrent tACS-fMRI Reveals Causal Influence of Power Synchronized Neural Activity on Resting State fMRI Connectivity. <i>Journal of Neuroscience</i> , 2017, 37, 4766-4777.	1.7	73
3783	Intrinsic Connectivity Network-Based Classification and Detection of Psychotic Symptoms in Youth With 22q11.2 Deletions. <i>Cerebral Cortex</i> , 2017, 27, 3294-3306.	1.6	18
3784	Effect of smoking on resting-state functional connectivity in smokers: A fMRI study. <i>Respirology</i> , 2017, 22, 1118-1124.	1.3	22
3785	Default mode and task-positive networks connectivity during the N-back task in remitted depressed patients with or without emotional residual symptoms. <i>Human Brain Mapping</i> , 2017, 38, 3491-3501.	1.9	15
3786	Clinical utility of resting-state functional connectivity magnetic resonance imaging for mood and cognitive disorders. <i>Journal of Neural Transmission</i> , 2017, 124, 821-839.	1.4	50

#	ARTICLE	IF	CITATIONS
3787	Functional neuroimaging findings in healthy middle-aged adults at risk of Alzheimer's disease. <i>Ageing Research Reviews</i> , 2017, 36, 88-104.	5.0	38
3788	Higher interference susceptibility in reaction time task is accompanied by weakened functional dissociation between salience and default mode network. <i>Neuroscience Letters</i> , 2017, 649, 34-40.	1.0	12
3790	Resting state fMRI: A review on methods in resting state connectivity analysis and resting state networks. <i>Neuroradiology Journal</i> , 2017, 30, 305-317.	0.6	418
3791	Benchmarking of participant-level confound regression strategies for the control of motion artifact in studies of functional connectivity. <i>NeuroImage</i> , 2017, 154, 174-187.	2.1	842
3792	Modeling Functional Connectivity on Empirical and Randomized Structural Brain Networks. <i>Differential Equations and Dynamical Systems</i> , 2021, 29, 789-805.	0.5	2
3793	Mapping Neurodegenerative Disease Onset and Progression. <i>Cold Spring Harbor Perspectives in Biology</i> , 2017, 9, a023622.	2.3	67
3794	High-dimensional tests for functional networks of brain anatomic regions. <i>Journal of Multivariate Analysis</i> , 2017, 156, 70-88.	0.5	2
3795	Global reduction of information exchange during anesthetic-induced unconsciousness. <i>Brain Structure and Function</i> , 2017, 222, 3205-3216.	1.2	36
3797	Causal search procedures for fMRI: review and suggestions. <i>Behaviormetrika</i> , 2017, 44, 193-225.	0.9	16
3798	The dynamic functional connectome: State-of-the-art and perspectives. <i>NeuroImage</i> , 2017, 160, 41-54.	2.1	1,061
3799	Epicenters of dynamic connectivity in the adaptation of the ventral visual system. <i>Human Brain Mapping</i> , 2017, 38, 1965-1976.	1.9	4
3800	State-dependent modulation of functional connectivity in early blind individuals. <i>NeuroImage</i> , 2017, 147, 532-541.	2.1	34
3802	Methods for cleaning the BOLD fMRI signal. <i>NeuroImage</i> , 2017, 154, 128-149.	2.1	450
3803	The Default Mode Network in Healthy Individuals: A Systematic Review and Meta-Analysis. <i>Brain Connectivity</i> , 2017, 7, 25-33.	0.8	240
3804	Evaluation of Whole-Brain Resting-State Functional Connectivity in Spinal Cord Injury: A Large-Scale Network Analysis Using Network-Based Statistic. <i>Journal of Neurotrauma</i> , 2017, 34, 1278-1282.	1.7	57
3805	The inferior parietal lobule and temporoparietal junction: A network perspective. <i>Neuropsychologia</i> , 2017, 105, 70-83.	0.7	268
3806	Correspondence between evoked and intrinsic functional brain network configurations. <i>Human Brain Mapping</i> , 2017, 38, 1992-2007.	1.9	92
3807	Cortical thickness and functional connectivity abnormality in chronic headache and low back pain patients. <i>Human Brain Mapping</i> , 2017, 38, 1815-1832.	1.9	34

#	ARTICLE	IF	CITATIONS
3808	Whole-brain functional connectivity during acquisition of novel grammar: Distinct functional networks depend on language learning abilities. <i>Behavioural Brain Research</i> , 2017, 320, 333-346.	1.2	17
3809	Saliency Network Connectivity Modulates Skin Conductance Responses in Predicting Arousal Experience. <i>Journal of Cognitive Neuroscience</i> , 2017, 29, 827-836.	1.1	17
3810	Resting state fMRI regional homogeneity correlates with cognition measures in subcortical vascular cognitive impairment. <i>Journal of the Neurological Sciences</i> , 2017, 373, 1-6.	0.3	36
3811	Increased inter-hemispheric resting-state functional connectivity in acute lacunar stroke patients with aphasia. <i>Experimental Brain Research</i> , 2017, 235, 941-948.	0.7	20
3812	Compensatory increase of functional connectivity density in adolescents with internet gaming disorder. <i>Brain Imaging and Behavior</i> , 2017, 11, 1901-1909.	1.1	26
3813	An automated method for identifying an independent component analysis-based language-related resting-state network in brain tumor subjects for surgical planning. <i>Scientific Reports</i> , 2017, 7, 13769.	1.6	45
3814	Entrainment of Arteriole Vasomotor Fluctuations by Neural Activity Is a Basis of Blood-Oxygenation-Level-Dependent "Resting-State" Connectivity. <i>Neuron</i> , 2017, 96, 936-948.e3.	3.8	233
3815	Identification of Epileptic Seizure Using ReHo from Rs-fMRI. , 2017, , .		2
3816	Distance-dependent alterations in local functional connectivity in drug-naive major depressive disorder. <i>Psychiatry Research - Neuroimaging</i> , 2017, 270, 80-85.	0.9	9
3817	Language lateralization during the Chinese semantic task relates to the contralateral cerebra-cerebellar interactions at rest. <i>Scientific Reports</i> , 2017, 7, 14056.	1.6	6
3818	Visual experience sculpts whole-cortex spontaneous infraslow activity patterns through an Arc-dependent mechanism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E9952-E9961.	3.3	13
3819	Abnormal cortical asymmetry as a target for neuromodulation in neuropsychiatric disorders: A narrative review and concept proposal. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 83, 21-31.	2.9	2
3820	Functional Connectivity Parcellation of the Human Thalamus by Independent Component Analysis. <i>Brain Connectivity</i> , 2017, 7, 602-616.	0.8	26
3821	Exploring the Associations Between Intrinsic Brain Connectivity and Creative Ability Using Functional Connectivity Strength and Connectome Analysis. <i>Brain Connectivity</i> , 2017, 7, 590-601.	0.8	23
3822	Resting-state functional magnetic resonance imaging for surgical planning in pediatric patients: a preliminary experience. <i>Journal of Neurosurgery: Pediatrics</i> , 2017, 20, 583-590.	0.8	48
3823	Anti-Fragmentation of Resting-State Functional Magnetic Resonance Imaging Connectivity Networks with Node-Wise Thresholding. <i>Brain Connectivity</i> , 2017, 7, 504-514.	0.8	0
3825	Resting State Functional Connectivity Signature of Treatment Effects of Repetitive Transcranial Magnetic Stimulation in Mal de Debarquement Syndrome. <i>Brain Connectivity</i> , 2017, 7, 617-626.	0.8	26
3826	Dynamic Functional Connectivity States Between the Dorsal and Ventral Sensorimotor Networks Revealed by Dynamic Conditional Correlation Analysis of Resting-State Functional Magnetic Resonance Imaging. <i>Brain Connectivity</i> , 2017, 7, 635-642.	0.8	12

#	ARTICLE	IF	CITATIONS
3827	A Review of Resting-State Analysis Methods. <i>Neuroimaging Clinics of North America</i> , 2017, 27, 581-592.	0.5	42
3828	Disrupted Brain Network Hubs in Subtype-Specific Parkinson's Disease. <i>European Neurology</i> , 2017, 78, 200-209.	0.6	32
3829	Alterations of the amplitude of low-frequency fluctuation in healthy subjects with theta-burst stimulation of the cortex of the suprahyoid muscles. <i>Neuroscience</i> , 2017, 365, 48-56.	1.1	9
3830	Exploration of the Brain in Rest: Resting-State Functional MRI Abnormalities in Patients with Classic Galactosemia. <i>Scientific Reports</i> , 2017, 7, 9095.	1.6	11
3831	Correlated Disruption of Resting-State fMRI, LFP, and Spike Connectivity between Area 3b and S2 following Spinal Cord Injury in Monkeys. <i>Journal of Neuroscience</i> , 2017, 37, 11192-11203.	1.7	19
3832	Segregated Systems of Human Brain Networks. <i>Trends in Cognitive Sciences</i> , 2017, 21, 981-996.	4.0	259
3833	Prognosis of Hippocampal Function after Sub-lethal Irradiation Brain Injury in Patients with Nasopharyngeal Carcinoma. <i>Scientific Reports</i> , 2017, 7, 14697.	1.6	13
3834	Impact of Amyloid Burden on Regional Functional Synchronization in the Cognitively Normal Older Adults. <i>Scientific Reports</i> , 2017, 7, 14690.	1.6	22
3835	Limitations of Resting-State Functional MR Imaging in the Setting of Focal Brain Lesions. <i>Neuroimaging Clinics of North America</i> , 2017, 27, 645-661.	0.5	16
3836	Applications of Resting-State Functional Connectivity to Neurodegenerative Disease. <i>Neuroimaging Clinics of North America</i> , 2017, 27, 663-683.	0.5	36
3837	Resting-state Functional Magnetic Resonance Imaging in Presurgical Functional Mapping. <i>Neuroimaging Clinics of North America</i> , 2017, 27, 621-633.	0.5	53
3838	Electroencephalographic Resting-State Networks: Source Localization of Microstates. <i>Brain Connectivity</i> , 2017, 7, 671-682.	0.8	277
3839	Integration and Segregation of Default Mode Network Resting-State Functional Connectivity in Transition-Age Males with High-Functioning Autism Spectrum Disorder: A Proof-of-Concept Study. <i>Brain Connectivity</i> , 2017, 7, 558-573.	0.8	35
3840	Weak Higher-Order Interactions in Macroscopic Functional Networks of the Resting Brain. <i>Journal of Neuroscience</i> , 2017, 37, 10481-10497.	1.7	8
3841	Unseen scars: Cocaine patients with prior trauma evidence heightened resting state functional connectivity (RSFC) between the amygdala and limbic-striatal regions. <i>Drug and Alcohol Dependence</i> , 2017, 180, 363-370.	1.6	12
3842	Short-range connections in the developmental connectome during typical and atypical brain maturation. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 83, 109-122.	2.9	86
3843	Alterations of regional homogeneity and functional connectivity in pituitary adenoma patients with visual impairment. <i>Scientific Reports</i> , 2017, 7, 13074.	1.6	12
3844	Comparative approximations of criticality in a neural and quantum regime. <i>Progress in Biophysics and Molecular Biology</i> , 2017, 131, 445-462.	1.4	6

#	ARTICLE	IF	CITATIONS
3845	Cognitive task information is transferred between brain regions via resting-state network topology. <i>Nature Communications</i> , 2017, 8, 1027.	5.8	150
3846	EEG topographies provide subject-specific correlates of motor control. <i>Scientific Reports</i> , 2017, 7, 13229.	1.6	35
3847	Abnormal intrinsic brain functional network dynamics in Parkinson's disease. <i>Brain</i> , 2017, 140, 2955-2967.	3.7	281
3848	How the brain connects in response to acute stress: A review at the human brain systems level. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 83, 281-297.	2.9	158
3849	Applications of Resting State Functional MR Imaging to Neuropsychiatric Diseases. <i>Neuroimaging Clinics of North America</i> , 2017, 27, 709-723.	0.5	16
3850	Recovery-related indicators of motor network plasticity according to impairment severity after stroke. <i>European Journal of Neurology</i> , 2017, 24, 1290-1299.	1.7	20
3851	On the Origin of Individual Functional Connectivity Variability: The Role of White Matter Architecture. <i>Brain Connectivity</i> , 2017, 7, 491-503.	0.8	27
3852	Sensory-biased attention networks in human lateral frontal cortex revealed by intrinsic functional connectivity. <i>NeuroImage</i> , 2017, 162, 362-372.	2.1	30
3853	Resting-State Functional Connectivity in the Human Connectome Project: Current Status and Relevance to Understanding Psychopathology. <i>Harvard Review of Psychiatry</i> , 2017, 25, 209-217.	0.9	25
3854	Applications of Resting State Functional MR Imaging to Traumatic Brain Injury. <i>Neuroimaging Clinics of North America</i> , 2017, 27, 685-696.	0.5	20
3855	Ten Key Observations on the Analysis of Resting-state Functional MR Imaging Data Using Independent Component Analysis. <i>Neuroimaging Clinics of North America</i> , 2017, 27, 561-579.	0.5	98
3856	Dynamic connectivity modulates local activity in the core regions of the default-mode network. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 9713-9718.	3.3	49
3857	Multiple functional networks modeling for autism spectrum disorder diagnosis. <i>Human Brain Mapping</i> , 2017, 38, 5804-5821.	1.9	41
3858	Local and Extensive Neuroplasticity in Carpal Tunnel Syndrome: A Resting-State fMRI Study. <i>Neurorehabilitation and Neural Repair</i> , 2017, 31, 898-909.	1.4	12
3859	Multivariate brain network graph identification in functional MRI. <i>Medical Image Analysis</i> , 2017, 42, 228-240.	7.0	18
3860	Region-specific connectivity in patients with periventricular nodular heterotopia and epilepsy: A study combining diffusion tensor imaging and functional MRI. <i>Epilepsy Research</i> , 2017, 136, 137-142.	0.8	8
3861	Replicability of time-varying connectivity patterns in large resting state fMRI samples. <i>NeuroImage</i> , 2017, 163, 160-176.	2.1	163
3862	Interpreting temporal fluctuations in resting-state functional connectivity MRI. <i>NeuroImage</i> , 2017, 163, 437-455.	2.1	234

#	ARTICLE	IF	CITATIONS
3863	Language, mind and brain. <i>Nature Human Behaviour</i> , 2017, 1, 713-722.	6.2	199
3864	Dual-echo ASL contributes to decrypting the link between functional connectivity and cerebral blood flow. <i>Human Brain Mapping</i> , 2017, 38, 5831-5844.	1.9	18
3865	Structural connectivity-defined thalamic subregions have different functional connectivity abnormalities in multiple sclerosis patients: Implications for clinical correlations. <i>Human Brain Mapping</i> , 2017, 38, 6005-6018.	1.9	40
3866	Remodeling of Sensorimotor Brain Connectivity in <i>Gpr88</i> -Deficient Mice. <i>Brain Connectivity</i> , 2017, 7, 526-540.	0.8	24
3867	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.	1.2	30
3868	Comparing abnormalities of amplitude of low-frequency fluctuations in multiple system atrophy and idiopathic Parkinson's disease measured with resting-state fMRI. <i>Psychiatry Research - Neuroimaging</i> , 2017, 269, 73-81.	0.9	30
3869	Inter-vender and test-retest reliabilities of resting-state functional magnetic resonance imaging: Implications for multi-center imaging studies. <i>Magnetic Resonance Imaging</i> , 2017, 44, 125-130.	1.0	11
3870	ICN_Atlas: Automated description and quantification of functional MRI activation patterns in the framework of intrinsic connectivity networks. <i>NeuroImage</i> , 2017, 163, 319-341.	2.1	22
3871	Altered functional connectivity in mesial temporal lobe epilepsy. <i>Epilepsy Research</i> , 2017, 137, 45-52.	0.8	54
3872	Methods and Considerations for Dynamic Analysis of Functional MR Imaging Data. <i>Neuroimaging Clinics of North America</i> , 2017, 27, 547-560.	0.5	31
3873	Toward Clinical Application of Resting-State Functional Magnetic Resonance Imaging to Dementia. , 2017, , 173-188.		0
3874	Cortical geometry as a determinant of brain activity eigenmodes: Neural field analysis. <i>Physical Review E</i> , 2017, 96, 032413.	0.8	29
3875	Dynamic reconfiguration of cortical functional connectivity across brain states. <i>Scientific Reports</i> , 2017, 7, 8797.	1.6	30
3876	Diabetes Mellitus is Associated with More Severe Brain Spontaneous Activity Impairment and Gray Matter Loss in Patients with Cirrhosis. <i>Scientific Reports</i> , 2017, 7, 7775.	1.6	9
3877	Uncovering the underlying mechanisms and whole-brain dynamics of deep brain stimulation for Parkinson's disease. <i>Scientific Reports</i> , 2017, 7, 9882.	1.6	79
3878	Conjoint and dissociated structural and functional abnormalities in first-episode drug-naive patients with major depressive disorder: a multimodal meta-analysis. <i>Scientific Reports</i> , 2017, 7, 10401.	1.6	46
3879	Changes in Resting-State Cerebral Activity in Patients with Hyperthyroidism: A Short-Term Follow-Up Functional MR Imaging Study. <i>Scientific Reports</i> , 2017, 7, 10627.	1.6	14
3880	Structural Basis of Large-Scale Functional Connectivity in the Mouse. <i>Journal of Neuroscience</i> , 2017, 37, 8092-8101.	1.7	129

#	ARTICLE	IF	CITATIONS
3881	<scp>P</scp>osterior dopamine D2/3 receptors and brain network functional connectivity. Synapse, 2017, 71, e21993.	0.6	28
3882	The temporal stability and variability across frequency bands in neural synchrony between primary and secondary somatosensory areas following somatosensory stimulation. Clinical Neurophysiology Practice, 2017, 2, 119-123.	0.6	0
3883	Learning-based structurally-guided construction of resting-state functional correlation tensors. Magnetic Resonance Imaging, 2017, 43, 110-121.	1.0	17
3884	Magnetization Transfer Imaging in Treatment-resistant Depression: Structural Evidence of a Functional Derangement That Might Help Guide Therapy?. Radiology, 2017, 284, 313-315.	3.6	0
3885	Parallel Interdigitated Distributed Networks within the Individual Estimated by Intrinsic Functional Connectivity. Neuron, 2017, 95, 457-471.e5.	3.8	469
3886	Localized reductions in resting-state functional connectivity in children with prenatal alcohol exposure. Human Brain Mapping, 2017, 38, 5217-5233.	1.9	28
3887	Interactions of the Salience Network and Its Subsystems with the Default-Mode and the Central-Executive Networks in Normal Aging and Mild Cognitive Impairment. Brain Connectivity, 2017, 7, 401-412.	0.8	149
3888	Examination of the validity of the atlas-informed approach to functional parcellation. NeuroReport, 2017, 28, 649-653.	0.6	1
3889	Multi-scale higher order singular value decomposition (MS-HoSVD) for resting-state fMRI compression and analysis. , 2017, , .		5
3890	The independent influences of age and education on functional brain networks and cognition in healthy older adults. Human Brain Mapping, 2017, 38, 5094-5114.	1.9	49
3891	Interhemispheric disconnectivity in the sensorimotor network in bipolar disorder revealed by functional connectivity and diffusion tensor imaging analysis. Heliyon, 2017, 3, e00335.	1.4	37
3892	MultiXplore: Visual exploration platform for multimodal neuroimaging data. Journal of Neuroscience Methods, 2017, 290, 1-12.	1.3	4
3893	Functional connectivity within and between intrinsic brain networks correlates with trait mind wandering. Neuropsychologia, 2017, 103, 140-153.	0.7	63
3894	An Interdisciplinary Lens on Consciousness: The Consciousness Continuum and How to (Not) Study It in the Brain and the Gut, A Commentary on Williams and Poehlman. Journal of Consumer Research, 2017, 44, 258-265.	3.5	9
3895	Resisting Sleep Pressure: Impact on Resting State Functional Network Connectivity. Brain Topography, 2017, 30, 757-773.	0.8	8
3896	Influence of physiological noise on accelerated 2D and 3D resting state functional MRI data at 7T. Magnetic Resonance in Medicine, 2017, 78, 888-896.	1.9	34
3897	Primary Biliary Cholangitis Alters Functional Connections of the Brain's Deep Gray Matter. Clinical and Translational Gastroenterology, 2017, 8, e107.	1.3	24
3898	Visually stressful striped patterns alter human visual cortical functional connectivity. Human Brain Mapping, 2017, 38, 5474-5484.	1.9	11

#	ARTICLE	IF	CITATIONS
3899	The minimum resting-state fNIRS imaging duration for accurate and stable mapping of brain connectivity network in children. <i>Scientific Reports</i> , 2017, 7, 6461.	1.6	40
3900	Contextual connectivity: A framework for understanding the intrinsic dynamic architecture of large-scale functional brain networks. <i>Scientific Reports</i> , 2017, 7, 6537.	1.6	38
3901	Graph Lasso-Based Test for Evaluating Functional Brain Connectivity in Sickle Cell Disease. <i>Brain Connectivity</i> , 2017, 7, 443-453.	0.8	10
3902	Reduced functional connectivity between ventromedial prefrontal cortex and insula relates to longer corrected QT interval in HIV+ and HIV- individuals. <i>Clinical Neurophysiology</i> , 2017, 128, 1839-1850.	0.7	10
3903	The dynamic imprint of word learning on the dorsal language pathway. <i>NeuroImage</i> , 2017, 159, 261-269.	2.1	3
3904	Structurofunctional resting-state networks correlate with motor function in chronic stroke. <i>NeuroImage: Clinical</i> , 2017, 16, 610-623.	1.4	24
3905	Resting-state functional under-connectivity within and between large-scale cortical networks across three low-frequency bands in adolescents with autism. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017, 79, 434-441.	2.5	42
3906	Advances in Spinal Functional Magnetic Resonance Imaging in the Healthy and Injured Spinal Cords. <i>Current Physical Medicine and Rehabilitation Reports</i> , 2017, 5, 143-150.	0.3	5
3907	Infinite von Mises-Fisher Mixture Modeling of Whole Brain fMRI Data. <i>Neural Computation</i> , 2017, 29, 2712-2741.	1.3	13
3908	Increased interhemispheric resting-state functional connectivity in healthy participants with insomnia symptoms. <i>Medicine (United States)</i> , 2017, 96, e7037.	0.4	43
3909	Correlating Resting-State Functional Magnetic Resonance Imaging Connectivity by Independent Component Analysis-Based Epileptogenic Zones with Intracranial Electroencephalogram Localized Seizure Onset Zones and Surgical Outcomes in Prospective Pediatric Intractable Epilepsy Study. <i>Brain Connectivity</i> , 2017, 7, 424-442.	0.8	53
3910	Dual Temporal and Spatial Sparse Representation for Inferring Group-wise Brain Networks from Resting-state fMRI Dataset. <i>IEEE Transactions on Biomedical Engineering</i> , 2017, 65, 1-1.	2.5	7
3911	Associations between dynamic functional connectivity and age, metabolic risk, and cognitive performance. <i>Neurobiology of Aging</i> , 2017, 59, 135-143.	1.5	58
3912	Decoding fMRI events in sensorimotor motor network using sparse paradigm free mapping and activation likelihood estimates. <i>Human Brain Mapping</i> , 2017, 38, 5778-5794.	1.9	10
3913	Instantaneous brain dynamics mapped to a continuous state space. <i>NeuroImage</i> , 2017, 162, 344-352.	2.1	33
3914	Impaired brain network architecture in newly diagnosed Parkinson's disease based on graph theoretical analysis. <i>Neuroscience Letters</i> , 2017, 657, 151-158.	1.0	71
3915	Resting state functional connectivity of the anterior striatum and prefrontal cortex predicts reading performance in school-age children. <i>Brain and Language</i> , 2017, 174, 94-102.	0.8	22
3916	Resting state networks in empirical and simulated dynamic functional connectivity. <i>NeuroImage</i> , 2017, 159, 388-402.	2.1	33

#	ARTICLE	IF	CITATIONS
3917	Connectivity Neurofeedback Training Can Differentially Change Functional Connectivity and Cognitive Performance. <i>Cerebral Cortex</i> , 2017, 27, 4960-4970.	1.6	62
3918	Study of New Connectivity Measure for fMRI Based Cortical Clustering. , 2017, , .		0
3919	A Psychology of User Experience. <i>Human-computer Interaction Series</i> , 2017, , .	0.4	10
3920	Linking functional connectivity and dynamic properties of resting-state networks. <i>Scientific Reports</i> , 2017, 7, 16610.	1.6	40
3921	Correlation between the Functional Connectivity of Brain Areas Active in the Resting State with Behavioral and Psychological Indicators. <i>Neuroscience and Behavioral Physiology</i> , 2017, 47, 1128-1139.	0.2	2
3922	The effect of short cardio on inhibitory control ability of obese people. <i>International Journal of Imaging Systems and Technology</i> , 2017, 27, 345-353.	2.7	1
3923	Intelligence is associated with the modular structure of intrinsic brain networks. <i>Scientific Reports</i> , 2017, 7, 16088.	1.6	113
3924	Long-latency interhemispheric interactions between motor-related areas and the primary motor cortex: a dual site TMS study. <i>Scientific Reports</i> , 2017, 7, 14936.	1.6	54
3925	Connectome: Graph theory application in functional brain network architecture. <i>Clinical Neurophysiology Practice</i> , 2017, 2, 206-213.	0.6	139
3926	Resting-State fMRI Functional Connectivity: Big Data Preprocessing Pipelines and Topological Data Analysis. <i>IEEE Transactions on Big Data</i> , 2017, 3, 415-428.	4.4	43
3927	Using Functional Connectivity Magnetic Resonance Imaging to Measure Brain Connectivity in Preterm Infants. <i>Nursing Research</i> , 2017, 66, 490-495.	0.8	2
3928	Autobiography of James S. Hyde. <i>Applied Magnetic Resonance</i> , 2017, 48, 1103-1147.	0.6	0
3929	An Altered Scaffold for Information Processing: Cognitive Control Development in Adolescents With Autism. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017, 2, 464-475.	1.1	10
3930	The motor cortical representation of a muscle is not homogeneous in brain connectivity. <i>Experimental Brain Research</i> , 2017, 235, 2767-2776.	0.7	9
3931	Reprint of 'Noise contributions to the fMRI signal: An Overview'. <i>NeuroImage</i> , 2017, 154, 4-14.	2.1	11
3932	Intrinsic connectivity of hippocampal subfields in normal elderly and mild cognitive impairment patients. <i>Human Brain Mapping</i> , 2017, 38, 4922-4932.	1.9	48
3933	Structure and Function of the Human Insula. <i>Journal of Clinical Neurophysiology</i> , 2017, 34, 300-306.	0.9	729
3934	Variable slice thickness (VAST) EPI for the reduction of susceptibility artifacts in whole-brain GE-EPI at 7 Tesla. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2017, 30, 591-607.	1.1	4

#	ARTICLE	IF	CITATIONS
3935	More randomized and resilient in the topological properties of functional brain networks in patients with major depressive disorder. <i>Journal of Clinical Neuroscience</i> , 2017, 44, 274-278.	0.8	38
3936	Forebrain knock-out of torsinA reduces striatal free-water and impairs whole-brain functional connectivity in a symptomatic mouse model of DYT1 dystonia. <i>Neurobiology of Disease</i> , 2017, 106, 124-132.	2.1	19
3937	The dynamics of resting fluctuations in the brain: metastability and its dynamical cortical core. <i>Scientific Reports</i> , 2017, 7, 3095.	1.6	356
3938	Altered Spontaneous Brain Activity in Children with Early Tourette Syndrome: a Resting-state fMRI Study. <i>Scientific Reports</i> , 2017, 7, 4808.	1.6	19
3939	Exploring heritability of functional brain networks with inexact graph matching. , 2017, , .		5
3940	Parameter selection for optimized non-local means filtering of task fMRI. , 2017, , .		6
3941	Value of Frequency Domain Resting-State Functional Magnetic Resonance Imaging Metrics Amplitude of Low-Frequency Fluctuation and Fractional Amplitude of Low-Frequency Fluctuation in the Assessment of Brain Tumor-Induced Neurovascular Uncoupling. <i>Brain Connectivity</i> , 2017, 7, 382-389.	0.8	28
3942	Advances in Neuroimaging for Neurodegenerative Disease. <i>Advances in Neurobiology</i> , 2017, 15, 451-478.	1.3	5
3943	Combining Functional Studies with Intraoperative MRI in Glioma Surgery. <i>Neurosurgery Clinics of North America</i> , 2017, 28, 487-497.	0.8	8
3944	Computerized cognitive remediation therapy effects on resting state brain activity and cognition in schizophrenia. <i>Scientific Reports</i> , 2017, 7, 4758.	1.6	13
3945	Amygdala functional disconnection with the prefrontal-cingulate-temporal circuit in chronic tinnitus patients with depressive mood. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017, 79, 249-257.	2.5	18
3946	Increased Stability and Breakdown of Brain Effective Connectivity During Slow-Wave Sleep: Mechanistic Insights from Whole-Brain Computational Modelling. <i>Scientific Reports</i> , 2017, 7, 4634.	1.6	90
3947	Mantra Meditation Suppression of Default Mode Beyond an Active Task: a Pilot Study. <i>Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice</i> , 2017, 1, 219-227.	0.8	6
3948	Bridging the gap between system and cell: The role of ultra-high field MRI in human neuroscience. <i>Progress in Brain Research</i> , 2017, 233, 179-220.	0.9	11
3949	Simultaneous learning of two languages from birth positively impacts intrinsic functional connectivity and cognitive control. <i>Brain and Cognition</i> , 2017, 117, 49-56.	0.8	47
3950	Body Topography Parcellates Human Sensory and Motor Cortex. <i>Cerebral Cortex</i> , 2017, 27, 3790-3805.	1.6	75
3951	Utility of Nonhuman Primates in Substance Use Disorders Research. <i>ILAR Journal</i> , 2017, 58, 202-215.	1.8	26
3952	Resting-state fMRI correlations: From link-wise unreliability to whole brain stability. <i>NeuroImage</i> , 2017, 157, 250-262.	2.1	73

#	ARTICLE	IF	CITATIONS
3953	A proof-of-concept study for developing integrated two-photon microscopic and magnetic resonance imaging modality at ultrahigh field of 16.4 tesla. <i>Scientific Reports</i> , 2017, 7, 2733.	1.6	18
3954	Depression in patients with SAPHO syndrome and its relationship with brain activity and connectivity. <i>Orphanet Journal of Rare Diseases</i> , 2017, 12, 103.	1.2	7
3955	Large-Scale Network Analysis of Whole-Brain Resting-State Functional Connectivity in Spinal Cord Injury: A Comparative Study. <i>Brain Connectivity</i> , 2017, 7, 413-423.	0.8	17
3956	Modulation of cognitive cerebello-cerebral functional connectivity by lateral cerebellar continuous theta burst stimulation. <i>NeuroImage</i> , 2017, 158, 48-57.	2.1	72
3957	Altered regional homogeneity of brain spontaneous signals in SIV infected rhesus macaque model. <i>Magnetic Resonance Imaging</i> , 2017, 37, 56-61.	1.0	7
3958	Microstructure of the Default Mode Network in Preterm Infants. <i>American Journal of Neuroradiology</i> , 2017, 38, 343-348.	1.2	17
3959	Corticostriatal connectivity fingerprints: Probability maps based on resting-state functional connectivity. <i>Human Brain Mapping</i> , 2017, 38, 1478-1491.	1.9	30
3960	The mirror neuron system also rests. <i>Brain Structure and Function</i> , 2017, 222, 2193-2202.	1.2	6
3961	Local Immediate versus Long-Range Delayed Changes in Functional Connectivity Following rTMS on the Visual Attention Network. <i>Brain Stimulation</i> , 2017, 10, 263-269.	0.7	23
3962	Brain-heart communication: Evidence for "central pacemaker" oscillations with a dominant frequency at 0.1 Hz in the cingulum. <i>Clinical Neurophysiology</i> , 2017, 128, 183-193.	0.7	52
3963	Quantifying functional connectivity in multi-subject fMRI data using component models. <i>Human Brain Mapping</i> , 2017, 38, 882-899.	1.9	30
3964	Empirical validation of directed functional connectivity. <i>NeuroImage</i> , 2017, 146, 275-287.	2.1	33
3965	Spectroscopic biomarkers of motor cortex developmental plasticity in hemiparetic children after perinatal stroke. <i>Human Brain Mapping</i> , 2017, 38, 1574-1587.	1.9	20
3966	Dynamic Connectivity Patterns in Conscious and Unconscious Brain. <i>Brain Connectivity</i> , 2017, 7, 1-12.	0.8	65
3967	Cognitive phenotypes in parkinson's disease differ in terms of brain network organization and connectivity. <i>Human Brain Mapping</i> , 2017, 38, 1604-1621.	1.9	84
3968	Effects of astrocytic dynamics on spatiotemporal hemodynamics: Modeling and enhanced data analysis. <i>NeuroImage</i> , 2017, 147, 994-1005.	2.1	22
3969	Functional MRI signal fluctuations highlight altered resting brain activity in Huntington's disease. <i>Brain Imaging and Behavior</i> , 2017, 11, 1459-1469.	1.1	11
3970	Deriving frequency-dependent spatial patterns in MEG-derived resting state sensorimotor network: A novel multiband ICA technique. <i>Human Brain Mapping</i> , 2017, 38, 779-791.	1.9	11

#	ARTICLE	IF	CITATIONS
3971	Functional connectivity abnormalities and associated cognitive deficits in fetal alcohol Spectrum disorders (FASD). <i>Brain Imaging and Behavior</i> , 2017, 11, 1432-1445.	1.1	51
3972	Fronto-temporal connectivity predicts cognitive empathy deficits and experiential negative symptoms in schizophrenia. <i>Human Brain Mapping</i> , 2017, 38, 1111-1124.	1.9	43
3973	Resting-state functional MRI as a tool for evaluating brain hemodynamic responsiveness to external stimuli in rats. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 1136-1146.	1.9	16
3974	Default mode network deactivation during odor-visual association. <i>Human Brain Mapping</i> , 2017, 38, 1125-1139.	1.9	20
3975	Specific Frontostriatal Circuits for Impaired Cognitive Flexibility and Goal-Directed Planning in Obsessive-Compulsive Disorder: Evidence From Resting-State Functional Connectivity. <i>Biological Psychiatry</i> , 2017, 81, 708-717.	0.7	214
3976	Ketamine modulates hippocampal neurochemistry and functional connectivity: a combined magnetic resonance spectroscopy and resting-state fMRI study in healthy volunteers. <i>Molecular Psychiatry</i> , 2017, 22, 562-569.	4.1	91
3977	Abnormal structural and functional hypothalamic connectivity in mild traumatic brain injury. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 45, 1105-1112.	1.9	29
3978	Mapping the effect of escitalopram treatment on amplitude of low-frequency fluctuations in patients with depression: a resting-state fMRI study. <i>Metabolic Brain Disease</i> , 2017, 32, 147-154.	1.4	13
3979	Resting-state test-retest reliability of a priori defined canonical networks over different preprocessing steps. <i>Brain Structure and Function</i> , 2017, 222, 1447-1468.	1.2	30
3980	Functional brain imaging of episodic memory decline in ageing. <i>Journal of Internal Medicine</i> , 2017, 281, 65-74.	2.7	89
3981	Depressive symptoms and autobiographical memory: A pilot electroencephalography (EEG) study. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2017, 39, 242-256.	0.8	6
3982	Saliency network connectivity in the insula is associated with individual differences in interoceptive accuracy. <i>Brain Structure and Function</i> , 2017, 222, 1635-1644.	1.2	76
3983	Fluctuations of Attentional Networks and Default Mode Network during the Resting State Reflect Variations in Cognitive States: Evidence from a Novel Resting-state Experience Sampling Method. <i>Journal of Cognitive Neuroscience</i> , 2017, 29, 95-113.	1.1	55
3984	Translational MR Neuroimaging of Stroke and Recovery. <i>Translational Stroke Research</i> , 2017, 8, 22-32.	2.3	47
3985	Improvement of spasticity following intermittent theta burst stimulation in multiple sclerosis is associated with modulation of resting-state functional connectivity of the primary motor cortices. <i>Multiple Sclerosis Journal</i> , 2017, 23, 855-863.	1.4	43
3986	Development of hippocampal functional connectivity during childhood. <i>Human Brain Mapping</i> , 2017, 38, 182-201.	1.9	57
3987	Anatomy of the Saliency Network. , 2017, , 5-10.		7
3988	Cortical multisensory connectivity is present near birth in humans. <i>Brain Imaging and Behavior</i> , 2017, 11, 1207-1213.	1.1	16

#	ARTICLE	IF	CITATIONS
3989	Dynamic changes of resting state connectivity related to the acquisition of a lexico-semantic skill. <i>NeuroImage</i> , 2017, 146, 429-437.	2.1	13
3990	Real-time estimation of dynamic functional connectivity networks. <i>Human Brain Mapping</i> , 2017, 38, 202-220.	1.9	21
3991	Executive control network connectivity strength protects against relapse to cocaine use. <i>Addiction Biology</i> , 2017, 22, 1790-1801.	1.4	55
3992	Contributions of structural connectivity and cerebrovascular parameters to functional magnetic resonance imaging signals in mice at rest and during sensory paw stimulation. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 2368-2382.	2.4	35
3993	The Neural Code for Pain: From Single-Cell Electrophysiology to the Dynamic Pain Connectome. <i>Neuroscientist</i> , 2017, 23, 397-414.	2.6	89
3994	Magnetoencephalographic and functional MRI connectomics in schizophrenia via intra- and inter-network connectivity. <i>NeuroImage</i> , 2017, 145, 96-106.	2.1	42
3995	Depression and anxiety symptoms are associated to disruption of default mode network in subacute ischemic stroke. <i>Brain Imaging and Behavior</i> , 2017, 11, 1571-1580.	1.1	45
3996	Altered neural connectivity in adult female rats exposed to early life social stress. <i>Behavioural Brain Research</i> , 2017, 316, 225-233.	1.2	27
3997	Spontaneous neural activity in the right superior temporal gyrus and left middle temporal gyrus is associated with insight level in obsessive-compulsive disorder. <i>Journal of Affective Disorders</i> , 2017, 207, 203-211.	2.0	54
3998	The Effects of Acetazolamide on the Evaluation of Cerebral Hemodynamics and Functional Connectivity Using Blood Oxygen Level-Dependent MR Imaging in Patients with Chronic Steno-Occlusive Disease of the Anterior Circulation. <i>American Journal of Neuroradiology</i> , 2017, 38, 139-145.	1.2	23
3999	Mapping white-matter functional organization at rest and during naturalistic visual perception. <i>NeuroImage</i> , 2017, 146, 1128-1141.	2.1	86
4000	A resting-state fMRI study of obese females between pre- and postprandial states before and after bariatric surgery. <i>European Journal of Neuroscience</i> , 2017, 45, 333-341.	1.2	31
4001	Dynamic functional network connectivity in idiopathic generalized epilepsy with generalized tonic-clonic seizure. <i>Human Brain Mapping</i> , 2017, 38, 957-973.	1.9	275
4002	Searching for signs of aging and dementia in EEG through network analysis. <i>Behavioural Brain Research</i> , 2017, 317, 292-300.	1.2	72
4003	Measuring vascular reactivity with resting-state blood oxygenation level-dependent (BOLD) signal fluctuations: A potential alternative to the breath-holding challenge?. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 2526-2538.	2.4	48
4004	Structural and functional quantitative susceptibility mapping from standard fMRI studies. <i>NMR in Biomedicine</i> , 2017, 30, e3619.	1.6	24
4005	Enhanced subject-specific resting-state network detection and extraction with fast fMRI. <i>Human Brain Mapping</i> , 2017, 38, 817-830.	1.9	17
4006	The Neuro Bureau ADHD-200 Preprocessed repository. <i>NeuroImage</i> , 2017, 144, 275-286.	2.1	183

#	ARTICLE	IF	CITATIONS
4007	Assessing the mean strength and variations of the time-to-time fluctuations of resting-state brain activity. <i>Medical and Biological Engineering and Computing</i> , 2017, 55, 631-640.	1.6	14
4008	Intrinsic network connectivity and own body perception in gender dysphoria. <i>Brain Imaging and Behavior</i> , 2017, 11, 964-976.	1.1	58
4009	Altered dynamics of brain connectivity in major depressive disorder at-rest and during task performance. <i>Psychiatry Research - Neuroimaging</i> , 2017, 259, 1-9.	0.9	29
4010	Olanzapine modulation of long- and short-range functional connectivity in the resting brain in a sample of patients with schizophrenia. <i>European Neuropsychopharmacology</i> , 2017, 27, 48-58.	0.3	37
4011	The connectomics of brain demyelination: Functional and structural patterns in the cuprizone mouse model. <i>NeuroImage</i> , 2017, 146, 1-18.	2.1	83
4012	A CCA and ICA-Based Mixture Model for Identifying Major Depression Disorder. <i>IEEE Transactions on Medical Imaging</i> , 2017, 36, 745-756.	5.4	12
4013	Mitochondrial calcium homeostasis: Implications for neurovascular and neurometabolic coupling. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 381-395.	2.4	28
4014	Efficient hubs in the intelligent brain: Nodal efficiency of hub regions in the salience network is associated with general intelligence. <i>Intelligence</i> , 2017, 60, 10-25.	1.6	90
4015	Physiological noise correction using ECG-derived respiratory signals for enhanced mapping of spontaneous neuronal activity with simultaneous EEG-fMRI. <i>NeuroImage</i> , 2017, 154, 115-127.	2.1	25
4016	Distinctive time-lagged resting-state networks revealed by simultaneous EEG-fMRI. <i>NeuroImage</i> , 2017, 145, 1-10.	2.1	32
4017	Acupuncture treatment modulates the corticostriatal reward circuitry in major depressive disorder. <i>Journal of Psychiatric Research</i> , 2017, 84, 18-26.	1.5	76
4018	Individual-specific features of brain systems identified with resting state functional correlations. <i>NeuroImage</i> , 2017, 146, 918-939.	2.1	195
4019	Ruminative brooding is associated with salience network coherence in early pubertal youth. <i>Social Cognitive and Affective Neuroscience</i> , 2017, 12, 298-310.	1.5	35
4020	ICA on sensor or source data: A comparison study in deriving resting state networks from EEG. , 2017, 2017, 3604-3607.		5
4021	Exploring the alpha desynchronization hypothesis in resting state networks with intracranial electroencephalography and wiring cost estimates. <i>Scientific Reports</i> , 2017, 7, 15670.	1.6	19
4022	Assessing rTMS effects in MdDS: Cross-modal comparison between resting state EEG and fMRI connectivity. , 2017, 2017, 1950-1953.		4
4023	Killing Time with Technology. <i>Human-computer Interaction Series</i> , 2017, , 131-148.	0.4	0
4024	Brain hubs in lesion models: Predicting functional network topology with lesion patterns in patients. <i>Scientific Reports</i> , 2017, 7, 17908.	1.6	19

#	ARTICLE	IF	CITATIONS
4025	Positive and Negative Somatotopic BOLD Responses in Contralateral Versus Ipsilateral Penfield Homunculus. <i>Cerebral Cortex</i> , 2017, 27, 962-980.	1.6	41
4026	A Systematic Relationship Between Functional Connectivity and Intracortical Myelin in the Human Cerebral Cortex. <i>Cerebral Cortex</i> , 2017, 27, 981-997.	1.6	233
4027	Upper limb cortical maps in amputees with targeted muscle and sensory reinnervation. <i>Brain</i> , 2017, 140, 2993-3011.	3.7	78
4028	Influence of cerebrovascular disease on brain networks in prodromal and clinical Alzheimer's disease. <i>Brain</i> , 2017, 140, 3012-3022.	3.7	51
4029	Altered gray matter volume and functional connectivity of the motor network in young divers. <i>Journal of X-Ray Science and Technology</i> , 2017, 25, 701-710.	0.7	1
4030	Does Functional Connectivity Provide a Marker for Cognitive Rehabilitation Effects in Alzheimer's Disease? An Interventional Study. <i>Journal of Alzheimer's Disease</i> , 2017, 57, 1303-1313.	1.2	12
4031	Sparse logistic regression for estimating time-varying functional connectivity networks: A simulation study. , 2017, , .		0
4032	Dynamic inter-network connectivity in the human brain. , 2017, 2017, 3313-3316.		3
4033	Emergence of metastable dynamics in functional brain organization via spontaneous fMRI signal and whole-brain computational modeling. , 2017, 2017, 4471-4474.		2
4034	Magnetic resonance imaging (MRI). , 0, , 121-128.		0
4035	Analysis of Fluctuation in Cerebral Venous Oxygenation Using MR Imaging: Quantitative Evaluation of Vasomotor Function of Arterioles. <i>Magnetic Resonance in Medical Sciences</i> , 2017, 16, 45-53.	1.1	1
4037	Task-Related Modulations of BOLD Low-Frequency Fluctuations within the Default Mode Network. <i>Frontiers in Physics</i> , 2017, 5, .	1.0	15
4038	Resting-State fMRI Associated with Stop-Signal Task Performance in Healthy Middle-Aged and Elderly People. <i>Frontiers in Psychology</i> , 2017, 8, 766.	1.1	21
4039	A Tri-network Model of Human Semantic Processing. <i>Frontiers in Psychology</i> , 2017, 8, 1538.	1.1	61
4040	Why and How. The Future of the Central Questions of Consciousness. <i>Frontiers in Psychology</i> , 2017, 8, 1797.	1.1	8
4041	Risperidone Effects on Brain Dynamic Connectivity—A Prospective Resting-State fMRI Study in Schizophrenia. <i>Frontiers in Psychiatry</i> , 2017, 8, 14.	1.3	40
4042	Reduced Resting-State Functional Connectivity in Current and Recovered Restrictive Anorexia Nervosa. <i>Frontiers in Psychiatry</i> , 2017, 8, 30.	1.3	23
4043	Alterations of Intrinsic Brain Connectivity Patterns in Depression and Bipolar Disorders: A Critical Assessment of Magnetoencephalography-Based Evidence. <i>Frontiers in Psychiatry</i> , 2017, 8, 41.	1.3	32

#	ARTICLE	IF	CITATIONS
4044	Increased prefrontal cortex connectivity during cognitive challenge assessed by fNIRS imaging. Biomedical Optics Express, 2017, 8, 3842.	1.5	53
4045	Dynamics of the human brain network revealed by time-frequency effective connectivity in fNIRS. Biomedical Optics Express, 2017, 8, 5326.	1.5	24
4046	Cerebral time domain-NIRS: reproducibility analysis, optical properties, hemoglobin species and tissue oxygen saturation in a cohort of adult subjects. Biomedical Optics Express, 2017, 8, 4987.	1.5	30
4047	In Vivo Imaging in Rodents. , 2017, , 197-215.		0
4048	Mediators of Glucocorticoid-Regulated Adaptive Plasticity. , 0, , .		2
4049	Dopamine homeostasis brain functional connectivity in reward deficiency syndrome. Frontiers in Bioscience - Landmark, 2017, 22, 669-691.	3.0	88
4050	Making connections in the brain. ELife, 2017, 6, .	2.8	1
4051	Altered resting-state intra- and inter- network functional connectivity in patients with persistent somatoform pain disorder. PLoS ONE, 2017, 12, e0176494.	1.1	38
4052	Resting-State Brain Anomalies in Type 2 Diabetes: A Meta-Analysis. Frontiers in Aging Neuroscience, 2017, 9, 14.	1.7	40
4053	Multiple Neuroimaging Measures for Examining Exercise-induced Neuroplasticity in Older Adults: A Quasi-experimental Study. Frontiers in Aging Neuroscience, 2017, 9, 102.	1.7	39
4054	Altered Functional Connectivity of the Basal Nucleus of Meynert in Mild Cognitive Impairment: A Resting-State fMRI Study. Frontiers in Aging Neuroscience, 2017, 9, 127.	1.7	37
4055	Altered Functional Connectivity of Cognitive-Related Cerebellar Subregions in Alzheimer's Disease. Frontiers in Aging Neuroscience, 2017, 9, 143.	1.7	63
4056	Racial Differences in Insular Connectivity and Thickness and Related Cognitive Impairment in Hypertension. Frontiers in Aging Neuroscience, 2017, 9, 177.	1.7	17
4057	Altered Functional and Causal Connectivity of Cerebello-Cortical Circuits between Multiple System Atrophy (Parkinsonian Type) and Parkinson's Disease. Frontiers in Aging Neuroscience, 2017, 9, 266.	1.7	30
4058	Gait Speed and Gait Variability Are Associated with Different Functional Brain Networks. Frontiers in Aging Neuroscience, 2017, 9, 390.	1.7	77
4059	Pattern of Reduced Functional Connectivity and Structural Abnormalities in Parkinson's Disease: An Exploratory Study. Frontiers in Neurology, 2016, 7, 243.	1.1	30
4060	Functional Connectivity Mapping in the Animal Model: Principles and Applications of Resting-State fMRI. Frontiers in Neurology, 2017, 8, 200.	1.1	78
4061	Hierarchical Dynamic Causal Modeling of Resting-State fMRI Reveals Longitudinal Changes in Effective Connectivity in the Motor System after Thalamotomy for Essential Tremor. Frontiers in Neurology, 2017, 8, 346.	1.1	36

#	ARTICLE	IF	CITATIONS
4062	Morphological and Functional Differences between Athletes and Novices in Cortical Neuronal Networks. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 660.	1.0	13
4063	Effects of Selective Serotonin Reuptake Inhibitors on Interregional Relation of Serotonin Transporter Availability in Major Depression. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 48.	1.0	50
4064	Neural Correlates of Mirror Visual Feedback-Induced Performance Improvements: A Resting-State fMRI Study. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 54.	1.0	15
4065	Aberrant Insula-Centered Functional Connectivity in Psychogenic Erectile Dysfunction Patients: A Resting-State fMRI Study. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 221.	1.0	24
4066	Multiple Neural Networks Malfunction in Primary Blepharospasm: An Independent Components Analysis. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 235.	1.0	35
4067	Brain Network for the Core Deficits of Semantic Dementia: A Neural Network Connectivity-Behavior Mapping Study. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 267.	1.0	11
4068	Resting-State Fluctuations of EEG Sensorimotor Rhythm Reflect BOLD Activities in the Pericentral Areas: A Simultaneous EEG-fMRI Study. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 356.	1.0	25
4069	Combining Multiple Resting-State fMRI Features during Classification: Optimized Frameworks and Their Application to Nicotine Addiction. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 362.	1.0	24
4070	Structural Brain Connectivity Constrains within-a-Day Variability of Direct Functional Connectivity. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 408.	1.0	11
4071	Static and Dynamic Measures of Human Brain Connectivity Predict Complementary Aspects of Human Cognitive Performance. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 420.	1.0	19
4072	Mining Time-Resolved Functional Brain Graphs to an EEG-Based Chronnectomic Brain Aged Index (CBAI). <i>Frontiers in Human Neuroscience</i> , 2017, 11, 423.	1.0	44
4073	Tai Chi Chuan and Baduanjin Mind-Body Training Changes Resting-State Low-Frequency Fluctuations in the Frontal Lobe of Older Adults: A Resting-State fMRI Study. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 514.	1.0	66
4074	Effect of Electro-Acupuncture and Moxibustion on Brain Connectivity in Patients with Crohn's Disease: A Resting-State fMRI Study. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 559.	1.0	32
4075	The Neural Association between Tendency to Forgive and Spontaneous Brain Activity in Healthy Young Adults. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 561.	1.0	11
4076	Characteristics of Resting-State Functional Connectivity in Intractable Unilateral Temporal Lobe Epilepsy Patients with Impaired Executive Control Function. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 609.	1.0	32
4077	Resting State fMRI Functional Connectivity-Based Classification Using a Convolutional Neural Network Architecture. <i>Frontiers in Neuroinformatics</i> , 2017, 11, 61.	1.3	103
4078	Investigation of True High Frequency Electrical Substrates of fMRI-Based Resting State Networks Using Parallel Independent Component Analysis of Simultaneous EEG/fMRI Data. <i>Frontiers in Neuroinformatics</i> , 2017, 11, 74.	1.3	11
4079	Altered Hippocampo-Cerebello-Cortical Circuit in Schizophrenia by a Spatiotemporal Consistency and Causal Connectivity Analysis. <i>Frontiers in Neuroscience</i> , 2017, 11, 25.	1.4	20

#	ARTICLE	IF	CITATIONS
4080	Brain Network Dynamics Adhere to a Power Law. <i>Frontiers in Neuroscience</i> , 2017, 11, 72.	1.4	23
4081	Resting State fMRI Functional Connectivity Analysis Using Dynamic Time Warping. <i>Frontiers in Neuroscience</i> , 2017, 11, 75.	1.4	63
4082	Using Dual Regression to Investigate Network Shape and Amplitude in Functional Connectivity Analyses. <i>Frontiers in Neuroscience</i> , 2017, 11, 115.	1.4	332
4083	Disrupted Topology of Frontostriatal Circuits Is Linked to the Severity of Insomnia. <i>Frontiers in Neuroscience</i> , 2017, 11, 214.	1.4	58
4084	Improving the Test-Retest Reliability of Resting State fMRI by Removing the Impact of Sleep. <i>Frontiers in Neuroscience</i> , 2017, 11, 249.	1.4	29
4085	Initial Validation for the Estimation of Resting-State fMRI Effective Connectivity by a Generalization of the Correlation Approach. <i>Frontiers in Neuroscience</i> , 2017, 11, 271.	1.4	7
4086	The Multiple Correspondence Analysis Method and Brain Functional Connectivity: Its Application to the Study of the Non-linear Relationships of Motor Cortex and Basal Ganglia. <i>Frontiers in Neuroscience</i> , 2017, 11, 345.	1.4	25
4087	Altered Functional Connectivity Following an Inflammatory White Matter Injury in the Newborn Rat: A High Spatial and Temporal Resolution Intrinsic Optical Imaging Study. <i>Frontiers in Neuroscience</i> , 2017, 11, 358.	1.4	7
4088	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.	1.4	54
4089	Mechanism of Cerebralcare Granule [®] for Improving Cognitive Function in Resting-State Brain Functional Networks of Sub-healthy Subjects. <i>Frontiers in Neuroscience</i> , 2017, 11, 410.	1.4	4
4090	Diagnosing Autism Spectrum Disorder from Brain Resting-State Functional Connectivity Patterns Using a Deep Neural Network with a Novel Feature Selection Method. <i>Frontiers in Neuroscience</i> , 2017, 11, 460.	1.4	152
4091	A Novel Feature-Map Based ICA Model for Identifying the Individual, Intra/Inter-Group Brain Networks across Multiple fMRI Datasets. <i>Frontiers in Neuroscience</i> , 2017, 11, 510.	1.4	6
4092	The Effect of Low-Frequency Physiological Correction on the Reproducibility and Specificity of Resting-State fMRI Metrics: Functional Connectivity, ALFF, and ReHo. <i>Frontiers in Neuroscience</i> , 2017, 11, 546.	1.4	55
4093	Effects of Field-Map Distortion Correction on Resting State Functional Connectivity MRI. <i>Frontiers in Neuroscience</i> , 2017, 11, 656.	1.4	33
4094	Identifying Rodent Resting-State Brain Networks with Independent Component Analysis. <i>Frontiers in Neuroscience</i> , 2017, 11, 685.	1.4	39
4095	Remodeling Functional Connectivity in Multiple Sclerosis: A Challenging Therapeutic Approach. <i>Frontiers in Neuroscience</i> , 2017, 11, 710.	1.4	15
4096	From Anomalies to Essential Scientific Revolution? Intrinsic Brain Activity in the Light of Kuhn's Philosophy of Science. <i>Frontiers in Systems Neuroscience</i> , 2017, 11, 7.	1.2	8
4097	Resting-State Functional Connectivity in the Infant Brain: Methods, Pitfalls, and Potentiality. <i>Frontiers in Pediatrics</i> , 2017, 5, 159.	0.9	31

#	ARTICLE	IF	CITATIONS
4098	Thalamo-Sensorimotor Functional Connectivity Correlates with World Ranking of Olympic, Elite, and High Performance Athletes. <i>Neural Plasticity</i> , 2017, 2017, 1-10.	1.0	12
4099	Comparison of Functional Connectivity Estimated from Concatenated Task-State Data from Block-Design Paradigm with That of Continuous Task. <i>Computational and Mathematical Methods in Medicine</i> , 2017, 2017, 1-11.	0.7	10
4100	Correlation between Traits of Emotion-Based Impulsivity and Intrinsic Default-Mode Network Activity. <i>Neural Plasticity</i> , 2017, 2017, 1-9.	1.0	26
4101	Frequency Specific Effects of ApoE ϵ 4 Allele on Resting-State Networks in Nondemented Elders. <i>BioMed Research International</i> , 2017, 2017, 1-8.	0.9	11
4102	Regionally Specific Regulation of Sensorimotor Network Connectivity Following Tactile Improvement. <i>Neural Plasticity</i> , 2017, 2017, 1-11.	1.0	14
4103	High-Intensity Exercise Acutely Increases Substantia Nigra and Prefrontal Brain Activity in Parkinson's Disease. <i>Medical Science Monitor</i> , 2017, 23, 6064-6071.	0.5	41
4104	The regional neuronal activity in left posterior middle temporal gyrus is correlated with the severity of chronic aphasia. <i>Neuropsychiatric Disease and Treatment</i> , 2017, Volume 13, 1937-1945.	1.0	7
4105	Spatial–temporal signature of resting-state BOLD signals in classic trigeminal neuralgia. <i>Journal of Pain Research</i> , 2017, Volume 10, 2741-2750.	0.8	27
4106	Spontaneous alterations of regional brain activity in patients with adult generalized anxiety disorder. <i>Neuropsychiatric Disease and Treatment</i> , 2017, Volume 13, 1957-1965.	1.0	24
4107	Abnormal functional connectivity of the posterior cingulate cortex is associated with depressive symptoms in patients with Alzheimer's disease. <i>Neuropsychiatric Disease and Treatment</i> , 2017, Volume 13, 2589-2598.	1.0	13
4108	Amygdala Atrophy and Its Functional Disconnection with the Cortico-Striatal-Pallidal-Thalamic Circuit in Major Depressive Disorder in Females. <i>PLoS ONE</i> , 2017, 12, e0168239.	1.1	40
4109	Long-Term Effects of Acute Stress on the Prefrontal-Limbic System in the Healthy Adult. <i>PLoS ONE</i> , 2017, 12, e0168315.	1.1	22
4110	Intrinsic Functional Connectivity Alterations of the Primary Visual Cortex in Primary Angle-Closure Glaucoma Patients before and after Surgery: A Resting-State fMRI Study. <i>PLoS ONE</i> , 2017, 12, e0170598.	1.1	20
4111	Characterization of the resting-state brain network topology in the 6-hydroxydopamine rat model of Parkinson's disease. <i>PLoS ONE</i> , 2017, 12, e0172394.	1.1	8
4112	Potential of motor sub-networks for motor control but not working memory: Interaction of dACC and SMA revealed by resting-state directed functional connectivity. <i>PLoS ONE</i> , 2017, 12, e0172531.	1.1	33
4113	The impact of high grade glial neoplasms on human cortical electrophysiology. <i>PLoS ONE</i> , 2017, 12, e0173448.	1.1	4
4114	Spontaneous low frequency BOLD signal variations from resting-state fMRI are decreased in Alzheimer disease. <i>PLoS ONE</i> , 2017, 12, e0178529.	1.1	19
4115	Functional connectivity analysis of distracted drivers based on the wavelet phase coherence of functional near-infrared spectroscopy signals. <i>PLoS ONE</i> , 2017, 12, e0188329.	1.1	35

#	ARTICLE	IF	CITATIONS
4116	Mapping altered brain connectivity and its clinical associations in adult moyamoya disease: A resting-state functional MRI study. PLoS ONE, 2017, 12, e0182759.	1.1	27
4117	Multivariate regression analysis of structural MRI connectivity matrices in Alzheimer's disease. PLoS ONE, 2017, 12, e0187281.	1.1	15
4118	Difference in the functional connectivity of the dorsolateral prefrontal cortex between smokers with nicotine dependence and individuals with internet gaming disorder. BMC Neuroscience, 2017, 18, 54.	0.8	21
4119	Networks in the brain: from neurovascular coupling of the BOLD effect to brain functional architecture. Neurovascular Imaging, 2017, 3, .	2.4	0
4120	Cerebellum and neurodegenerative diseases: Beyond conventional magnetic resonance imaging. World Journal of Radiology, 2017, 9, 371-388.	0.5	44
4121	Examining Brain Networks in Prescription Opioid Users. Journal of Alcoholism and Drug Dependence, 2017, 05, .	0.2	1
4122	Spontaneous brain oscillations as neural fingerprints of working memory capacities: A resting-state MEG study. Cortex, 2017, 97, 109-124.	1.1	15
4123	Abnormal amplitude of low-frequency fluctuations associated with rapid-eye movement in chronic primary insomnia patients. Oncotarget, 2017, 8, 84877-84888.	0.8	19
4124	Neuropsychology and cognitive neuroscience in the fMRI era: A recapitulation of localizationist and connectionist views.. Neuropsychology, 2017, 31, 972-980.	1.0	20
4125	Chronic and Acute Nicotine Exposure Versus Placebo in Smokers and Nonsmokers. , 2017, , 319-338.		7
4126	Neuroimaging in Obsessive-Compulsive Disorder. Fuansho Kenkyu, 2017, 9, 65-68.	0.1	0
4127	What Is Adolescence?. , 0, , 1-20.		1
4129	Cognitive Neuroscience Methods to Study the Adolescent Brain. , 0, , 50-84.		0
4130	Brain Plasticity. , 0, , 85-115.		0
4131	Neurocognitive Development. , 0, , 116-150.		0
4132	Motivational Systems. , 0, , 151-178.		0
4133	The Social Brain. , 0, , 179-213.		1
4134	The Implications of Adolescent Neuroscience on Policy. , 0, , 214-250.		0

#	ARTICLE	IF	CITATIONS
4136	Complete List of References. , 0, , 256-306.		0
4137	Classification of Depressive Disorder Based on RS-fMRI Using Multivariate Pattern Analysis with Multiple Features. , 2017, ,		3
4138	Postretinal Structure and Function in Severe Congenital Photoreceptor Blindness Caused by Mutations in the GUCY2D Gene. , 2017, 58, 959.		16
4139	Chemotherapy-induced changes of cerebral activity in resting-state functional magnetic resonance imaging and cerebral white matter in diffusion tensor imaging. Oncotarget, 2017, 8, 81273-81284.	0.8	33
4140	Ultra-Slow Single-Vessel BOLD and CBV-Based fMRI Spatiotemporal Dynamics and Their Correlation with Neuronal Intracellular Calcium Signals. Neuron, 2018, 97, 925-939.e5.	3.8	113
4141	Co-activation patterns in resting-state fMRI signals. NeuroImage, 2018, 180, 485-494.	2.1	141
4142	Dynamic fMRI networks predict success in a behavioral weight loss program among older adults. NeuroImage, 2018, 173, 421-433.	2.1	29
4143	Intrinsic optical signal imaging of the blood volume changes is sufficient for mapping the resting state functional connectivity in the rodent cortex. Journal of Neural Engineering, 2018, 15, 035003.	1.8	34
4144	Functional MRI registration with tissue-specific patch-based functional correlation tensors. Human Brain Mapping, 2018, 39, 2303-2316.	1.9	11
4145	Differential effect of quetiapine and lithium on functional connectivity of the striatum in first episode mania. Translational Psychiatry, 2018, 8, 59.	2.4	59
4146	Intracranial Electrophysiology of the Human Default Network. Trends in Cognitive Sciences, 2018, 22, 307-324.	4.0	86
4147	Multimodal, noninvasive seizure network mapping software: A novel tool for preoperative epilepsy evaluation. Epilepsy and Behavior, 2018, 81, 25-32.	0.9	8
4148	Disambiguating brain functional connectivity. NeuroImage, 2018, 173, 540-550.	2.1	57
4149	Interactions Between Large-Scale Functional Brain Networks are Captured by Sparse Coupled HMMs. IEEE Transactions on Medical Imaging, 2018, 37, 230-240.	5.4	32
4150	Effects of poor sleep quality on brain functional connectivity revealed by wavelet-based coherence analysis using NIRS methods in elderly subjects. Neuroscience Letters, 2018, 668, 108-114.	1.0	23
4151	Functional segregation loss over time is moderated by <i>APOE</i> genotype in healthy elderly. Human Brain Mapping, 2018, 39, 2742-2752.	1.9	16
4152	Evolution of spatial and temporal features of functional brain networks across the lifespan. NeuroImage, 2018, 173, 498-508.	2.1	37
4153	Neuroimaging of the Injured Pediatric Brain: Methods and New Lessons. Neuroscientist, 2018, 24, 652-670.	2.6	32

#	ARTICLE	IF	CITATIONS
4154	Microstructural parcellation of the human brain. <i>NeuroImage</i> , 2018, 182, 219-231.	2.1	24
4155	Neural and genetic determinants of creativity. <i>NeuroImage</i> , 2018, 174, 164-176.	2.1	57
4156	Ventrolateral Motor Thalamus Abnormal Connectivity in Essential Tremor Before and After Thalamotomy: A Resting-State Functional Magnetic Resonance Imaging Study. <i>World Neurosurgery</i> , 2018, 113, e453-e464.	0.7	23
4157	Fast Food Research in the Era of Unplanned Obsolescence. <i>Journal of Management Studies</i> , 2018, 55, 1014-1020.	6.0	11
4158	Is Rest Really Rest? Resting-State Functional Connectivity During Rest and Motor Task Paradigms. <i>Brain Connectivity</i> , 2018, 8, 268-275.	0.8	11
4159	Intrinsic spontaneous brain activity predicts individual variability in associative memory in older adults. <i>PsyCh Journal</i> , 2018, 7, 77-91.	0.5	8
4160	Brain tumors disrupt the resting-state connectome. <i>NeuroImage: Clinical</i> , 2018, 18, 279-289.	1.4	31
4161	Characterizing Signals Within Lesions and Mapping Brain Network Connectivity After Traumatic Axonal Injury: A 7 Tesla Resting-State fMRI Study. <i>Brain Connectivity</i> , 2018, 8, 288-298.	0.8	9
4162	An asymptotic theory for cross-correlation between auto-correlated sequences and its application on neuroimaging data. <i>Journal of Neuroscience Methods</i> , 2018, 304, 52-65.	1.3	0
4164	Dissociable Frontostriatal Connectivity: Mechanism and Predictor of the Clinical Efficacy of Capsulotomy in Obsessive-Compulsive Disorder. <i>Biological Psychiatry</i> , 2018, 84, 926-936.	0.7	41
4165	Spatial reversal learning defect coincides with hypersynchronous telencephalic BOLD functional connectivity in APPNL-F/NL-F knock-in mice. <i>Scientific Reports</i> , 2018, 8, 6264.	1.6	41
4166	The effects of cognitive behavioral therapy on resting-state functional brain network in drug-naïve patients with obsessive-compulsive disorder. <i>Brain and Behavior</i> , 2018, 8, e00963.	1.0	25
4167	Permanent Unilateral Hearing Loss (UHL) and Childhood Development. <i>Current Otorhinolaryngology Reports</i> , 2018, 6, 74-81.	0.2	56
4168	Functional Brain Networks Are Dominated by Stable Group and Individual Factors, Not Cognitive or Daily Variation. <i>Neuron</i> , 2018, 98, 439-452.e5.	3.8	665
4169	Partial correlation analysis reveals abnormal retinotopically organized functional connectivity of visual areas in amblyopia. <i>NeuroImage: Clinical</i> , 2018, 18, 192-201.	1.4	25
4170	Schizophrenic patient identification using graph-theoretic features of resting-state fMRI data. <i>Biomedical Signal Processing and Control</i> , 2018, 43, 289-299.	3.5	26
4171	Neural correlates of reduced depressive symptoms following cognitive training for chronic traumatic brain injury. <i>Human Brain Mapping</i> , 2018, 39, 2955-2971.	1.9	28
4172	Resting-state functional connectivity in children born from gestations complicated by preeclampsia: A pilot study cohort. <i>Pregnancy Hypertension</i> , 2018, 12, 23-28.	0.6	30

#	ARTICLE	IF	CITATIONS
4173	Scale-freeness or partial synchronization in neural mass phase oscillator networks: Pick one of two?. <i>NeuroImage</i> , 2018, 180, 428-441.	2.1	13
4174	Risk seeking for losses modulates the functional connectivity of the default mode and left frontoparietal networks in young males. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2018, 18, 536-549.	1.0	7
4175	Task-positive and task-negative networks in major depressive disorder: A combined fMRI and EEG study. <i>Journal of Affective Disorders</i> , 2018, 235, 211-219.	2.0	37
4176	Intracranial Electrophysiology Reveals Reproducible Intrinsic Functional Connectivity within Human Brain Networks. <i>Journal of Neuroscience</i> , 2018, 38, 4230-4242.	1.7	98
4177	Shedding new light on disorders of consciousness diagnosis: The dynamic functional connectivity. <i>Cortex</i> , 2018, 103, 316-328.	1.1	38
4178	Future Directions for Examination of Brain Networks in Neurodevelopmental Disorders. <i>Journal of Clinical Child and Adolescent Psychology</i> , 2018, 47, 483-497.	2.2	18
4179	The development of functional network organization in early childhood and early adolescence: A resting-state fNIRS study. <i>Developmental Cognitive Neuroscience</i> , 2018, 30, 223-235.	1.9	48
4180	Structural and Functional Connectivity Changes Beyond Visual Cortex in a Later Phase of Visual Perceptual Learning. <i>Scientific Reports</i> , 2018, 8, 5186.	1.6	17
4181	Altered gray matter volume and disrupted functional connectivity of dorsolateral prefrontal cortex in men with heroin dependence. <i>Psychiatry and Clinical Neurosciences</i> , 2018, 72, 435-444.	1.0	20
4182	Inter-subject phase synchronization for exploratory analysis of task-fMRI. <i>NeuroImage</i> , 2018, 176, 477-488.	2.1	17
4183	Imaging structural and functional brain development in early childhood. <i>Nature Reviews Neuroscience</i> , 2018, 19, 123-137.	4.9	549
4184	Altered power spectral density in the resting-state sensorimotor network in patients with myotonic dystrophy type 1. <i>Scientific Reports</i> , 2018, 8, 987.	1.6	14
4185	Human brain functional areas of unitary pooled activity discovered with fMRI. <i>Scientific Reports</i> , 2018, 8, 2388.	1.6	9
4186	Mapping brain functional alterations in betel-quid chewers using resting-state fMRI and network analysis. <i>Psychopharmacology</i> , 2018, 235, 1257-1271.	1.5	19
4187	Common and distinct changes of default mode and salience network in schizophrenia and major depression. <i>Brain Imaging and Behavior</i> , 2018, 12, 1708-1719.	1.1	56
4188	Functional connectivity under six anesthesia protocols and the awake condition in rat brain. <i>NeuroImage</i> , 2018, 172, 9-20.	2.1	217
4189	Incorporating spatial constraint in co-activation pattern analysis to explore the dynamics of resting-state networks: An application to Parkinson's disease. <i>NeuroImage</i> , 2018, 172, 64-84.	2.1	27
4190	Disrupted brain network topology in chronic insomnia disorder: A resting-state fMRI study. <i>NeuroImage: Clinical</i> , 2018, 18, 178-185.	1.4	47

#	ARTICLE	IF	CITATIONS
4191	Alter spontaneous activity in amygdala and vmPFC during fear consolidation following 24h sleep deprivation. <i>NeuroImage</i> , 2018, 172, 461-469.	2.1	21
4192	Spontaneous activity forms a foundation for odor-evoked activation maps in the rat olfactory bulb. <i>NeuroImage</i> , 2018, 172, 586-596.	2.1	6
4193	Neuroplasticity of cognitive control networks following cognitive training for chronic traumatic brain injury. <i>NeuroImage: Clinical</i> , 2018, 18, 262-278.	1.4	36
4194	Classic Block Design "Pseudo" Resting-State fMRI Changes After a Neurorehabilitation Program in Patients with Multiple Sclerosis. <i>Journal of Neuroimaging</i> , 2018, 28, 313-319.	1.0	14
4195	Neonatal brain resting-state functional connectivity imaging modalities. <i>Photoacoustics</i> , 2018, 10, 1-19.	4.4	56
4196	Pretherapeutic Functional Imaging Allows Prediction of Head Tremor Arrest After Thalamotomy for Essential Tremor: The Role of Altered Interconnectivity Between Thalamolimbic and Supplementary Motor Circuits. <i>World Neurosurgery</i> , 2018, 112, e479-e488.	0.7	7
4197	The Not-So-Global Blood Oxygen Level-Dependent Signal. <i>Brain Connectivity</i> , 2018, 8, 121-128.	0.8	24
4198	Sensorimotor network alterations in children and youth with prenatal alcohol exposure. <i>Human Brain Mapping</i> , 2018, 39, 2258-2268.	1.9	20
4199	A probabilistic approach to discovering dynamic full-brain functional connectivity patterns. <i>NeuroImage</i> , 2018, 180, 243-252.	2.1	23
4200	Dynamic resting state fMRI analysis in mice reveals a set of Quasi-Periodic Patterns and illustrates their relationship with the global signal. <i>NeuroImage</i> , 2018, 180, 463-484.	2.1	64
4201	Time scale properties of task and resting-state functional connectivity: Detrended partial cross-correlation analysis. <i>NeuroImage</i> , 2018, 173, 240-248.	2.1	11
4202	Functional connectivity maps based on hippocampal and thalamic dynamics may account for the default-mode network. <i>European Journal of Neuroscience</i> , 2018, 47, 388-398.	1.2	22
4203	Reduced Functional Connectivity in Adults with Persistent Post-Concussion Symptoms: A Functional Near-Infrared Spectroscopy Study. <i>Journal of Neurotrauma</i> , 2018, 35, 1224-1232.	1.7	42
4204	Breakdown in the temporal and spatial organization of spontaneous brain activity during general anesthesia. <i>Human Brain Mapping</i> , 2018, 39, 2035-2046.	1.9	57
4205	Subcortical evidence for a contribution of arousal to fMRI studies of brain activity. <i>Nature Communications</i> , 2018, 9, 395.	5.8	174
4206	Functional connectivity pattern underlies individual differences in independent self-construal. <i>Social Cognitive and Affective Neuroscience</i> , 2018, 13, 269-280.	1.5	19
4207	Extended amygdala connectivity changes during sustained shock anticipation. <i>Translational Psychiatry</i> , 2018, 8, 33.	2.4	39
4208	Sensory and cross-network contributions to response inhibition in patients with schizophrenia. <i>NeuroImage: Clinical</i> , 2018, 18, 31-39.	1.4	34

#	ARTICLE	IF	CITATIONS
4209	Meta-Connectomic Analysis Reveals Commonly Disrupted Functional Architectures in Network Modules and Connectors across Brain Disorders. <i>Cerebral Cortex</i> , 2018, 28, 4179-4194.	1.6	61
4210	Neural and behavioral correlates of negative self-focused thought associated with depression. <i>Human Brain Mapping</i> , 2018, 39, 2246-2257.	1.9	46
4211	Age and HIV effects on resting state of the brain in relationship to neurocognitive functioning. <i>Behavioural Brain Research</i> , 2018, 344, 20-27.	1.2	20
4212	Frontoparietal areas link impairments of large-scale intrinsic brain networks with aberrant fronto-striatal interactions in OCD: a meta-analysis of resting-state functional connectivity. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 87, 151-160.	2.9	166
4213	Advanced lesion symptom mapping analyses and implementation as BCBtoolkit. <i>GigaScience</i> , 2018, 7, 1-17.	3.3	226
4214	Functional Neurocircuits and Neuroimaging Biomarkers of Tobacco Use Disorder. <i>Trends in Molecular Medicine</i> , 2018, 24, 129-143.	3.5	32
4215	Cluster-level statistical inference in fMRI datasets: The unexpected behavior of random fields in high dimensions. <i>Magnetic Resonance Imaging</i> , 2018, 49, 101-115.	1.0	29
4216	Computational Models of Dysconnectivity in Large-Scale Resting-State Networks. , 2018, , 87-116.		2
4217	Specialized Neurological Studies. , 2018, , 222-254.e10.		3
4218	Multifractal dynamics of resting-state functional connectivity in the prefrontal cortex. <i>Physiological Measurement</i> , 2018, 39, 024003.	1.2	32
4219	Age-Related Declines in Motor Performance are Associated With Decreased Segregation of Large-Scale Resting State Brain Networks. <i>Cerebral Cortex</i> , 2018, 28, 4390-4402.	1.6	125
4220	Resting-State Functional MRI: Everything That Nonexperts Have Always Wanted to Know. <i>American Journal of Neuroradiology</i> , 2018, 39, 1390-1399.	1.2	266
4221	The Hierarchical Organization of the Default, Dorsal Attention and Salience Networks in Adolescents and Young Adults. <i>Cerebral Cortex</i> , 2018, 28, 726-737.	1.6	144
4222	Principles of cross-network communication in human resting state fMRI. <i>Scandinavian Journal of Psychology</i> , 2018, 59, 83-90.	0.8	21
4223	Resting state brain networks in the prairie vole. <i>Scientific Reports</i> , 2018, 8, 1231.	1.6	16
4224	Disruption of Semantic Network in Mild Alzheimer's Disease Revealed by Resting-State fMRI. <i>Neuroscience</i> , 2018, 371, 38-48.	1.1	31
4225	Reliable new measures capturing low-frequency fluctuations from resting-state functional MRI. <i>NeuroReport</i> , 2018, 29, 197-202.	0.6	0
4226	Brain functional connectivity in sleep-related hypermotor epilepsy. <i>NeuroImage: Clinical</i> , 2018, 17, 873-881.	1.4	15

#	ARTICLE	IF	CITATIONS
4227	Effective connectivity during working memory and resting states: A DCM study. <i>NeuroImage</i> , 2018, 169, 485-495.	2.1	31
4228	Aberrant baseline brain activity in psychogenic erectile dysfunction patients: a resting state fMRI study. <i>Brain Imaging and Behavior</i> , 2018, 12, 1393-1404.	1.1	27
4229	LEICA: Laplacian eigenmaps for group ICA decomposition of fMRI data. <i>NeuroImage</i> , 2018, 169, 363-373.	2.1	15
4230	Monaural-driven Functional Changes within and Beyond the Auditory Cortical Network: Evidence from Long-term Unilateral Hearing Impairment. <i>Neuroscience</i> , 2018, 371, 296-308.	1.1	15
4231	Multimodal approaches to functional connectivity in autism spectrum disorders: An integrative perspective. <i>Developmental Neurobiology</i> , 2018, 78, 456-473.	1.5	48
4232	Precuneus-related regional and network functional deficits in social anxiety disorder: A resting-state functional MRI study. <i>Comprehensive Psychiatry</i> , 2018, 82, 22-29.	1.5	61
4233	Longitudinal resting-state functional magnetic resonance imaging in a mouse model of metastatic bone cancer reveals distinct functional reorganizations along a developing chronic pain state. <i>Pain</i> , 2018, 159, 719-727.	2.0	16
4234	Pretherapeutic functional neuroimaging predicts tremor arrest after thalamotomy. <i>Acta Neurologica Scandinavica</i> , 2018, 137, 500-508.	1.0	16
4235	Clinical response to Vimâ€™s thalamic stereotactic radiosurgery for essential tremor is associated with distinctive functional connectivity patterns. <i>Acta Neurochirurgica</i> , 2018, 160, 611-624.	0.9	40
4236	Stereotypical modulations in dynamic functional connectivity explained by changes in BOLD variance. <i>NeuroImage</i> , 2018, 171, 40-54.	2.1	14
4237	Morphological and Functional Changes of Locus Coeruleus in Patients with Primary Open-Angle Glaucoma and Animal Models. <i>Neuroscience</i> , 2018, 372, 141-153.	1.1	6
4238	Beyond Functional Connectivity: Investigating Networks of Multivariate Representations. <i>Trends in Cognitive Sciences</i> , 2018, 22, 258-269.	4.0	116
4239	Reconfiguration of Cortical Networks in MDD Uncovered by Multiscale Community Detection with fMRI. <i>Cerebral Cortex</i> , 2018, 28, 1383-1395.	1.6	49
4240	Frequency-dependent functional connectivity of the nucleus accumbens during continuous transcutaneous vagus nerve stimulation in major depressive disorder. <i>Journal of Psychiatric Research</i> , 2018, 102, 123-131.	1.5	49
4241	Quenching of spontaneous fluctuations by attention in human visual cortex. <i>NeuroImage</i> , 2018, 171, 84-98.	2.1	20
4242	Revisiting the Functional and Structural Connectivity of Large-Scale Cortical Networks. <i>Brain Connectivity</i> , 2018, 8, 129-138.	0.8	6
4243	Early life social stress and resting state functional connectivity in postpartum rat anterior cingulate circuits. <i>Journal of Affective Disorders</i> , 2018, 229, 213-223.	2.0	19
4244	Effective Connectivity Measured Using Optogenetically Evoked Hemodynamic Signals Exhibits Topography Distinct from Resting State Functional Connectivity in the Mouse. <i>Cerebral Cortex</i> , 2018, 28, 370-386.	1.6	38

#	ARTICLE	IF	CITATIONS
4245	Resting State fMRI in Rodents. <i>Current Protocols in Neuroscience</i> , 2018, 83, e45.	2.6	5
4246	Improved detection of fMRI activation in the cerebellum at 7T with dielectric pads extending the imaging region of a commercial head coil. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 48, 431-440.	1.9	29
4247	Resting-state fMRI study of brain activation using low-intensity repetitive transcranial magnetic stimulation in rats. <i>Scientific Reports</i> , 2018, 8, 6706.	1.6	25
4248	Predicting resting-state functional connectivity with efficient structural connectivity. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2018, 5, 1079-1088.	8.5	9
4249	Application of Graph Theory to Assess Static and Dynamic Brain Connectivity: Approaches for Building Brain Graphs. <i>Proceedings of the IEEE</i> , 2018, 106, 886-906.	16.4	53
4250	Contribution of diffusion, perfusion and functional MRI to the disconnection hypothesis in subcortical vascular cognitive impairment. <i>Stroke and Vascular Neurology</i> , 2018, 3, 131-139.	1.5	14
4251	Aberrant hemodynamic responses in autism: Implications for resting state fMRI functional connectivity studies. <i>NeuroImage: Clinical</i> , 2018, 19, 320-330.	1.4	40
4252	Tracking resting state connectivity dynamics in veterans with PTSD. <i>NeuroImage: Clinical</i> , 2018, 19, 260-270.	1.4	33
4253	Contribution of systemic vascular effects to fMRI activity in white matter. <i>NeuroImage</i> , 2018, 176, 541-549.	2.1	60
4254	Resting-state functional connectivity MRI analysis in Human Immunodeficiency Virus and Hepatitis C Virus co-infected subjects. A pilot study. <i>European Journal of Radiology</i> , 2018, 102, 220-227.	1.2	8
4255	Resting-state network connectivity and metastability predict clinical symptoms in schizophrenia. <i>Schizophrenia Research</i> , 2018, 201, 208-216.	1.1	51
4256	Effects of Equine-Assisted Activities and Therapies on the Affective Network of Adolescents with Internet Gaming Disorder. <i>Journal of Alternative and Complementary Medicine</i> , 2018, 24, 841-849.	2.1	16
4257	Resting-state connectivity in neurodegenerative disorders: Is there potential for an imaging biomarker?. <i>NeuroImage: Clinical</i> , 2018, 18, 849-870.	1.4	186
4258	Transdiagnostic and diagnosis-specific dynamic functional connectivity anchored in the right anterior insula in major depressive disorder and bipolar depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 85, 7-15.	2.5	93
4259	Rewiring the connectome: Evidence and effects. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 88, 51-62.	2.9	65
4260	Estimating the impact of structural directionality: How reliable are undirected connectomes?. <i>Network Neuroscience</i> , 2018, 2, 259-284.	1.4	33
4261	Spontaneous Infra-slow Brain Activity Has Unique Spatiotemporal Dynamics and Laminar Structure. <i>Neuron</i> , 2018, 98, 297-305.e6.	3.8	152
4262	Using Positron Emission Tomography in Revealing the Mystery of General Anesthesia: Study Design Challenges and Opportunities. <i>Methods in Enzymology</i> , 2018, 603, 279-303.	0.4	5

#	ARTICLE	IF	CITATIONS
4263	The human cortex possesses a reconfigurable dynamic network architecture that is disrupted in psychosis. <i>Nature Communications</i> , 2018, 9, 1157.	5.8	65
4264	Dopamine D4 Receptor Gene Associated with the Frontal-Striatal-Cerebellar Loop in Children with ADHD: A Resting-State fMRI Study. <i>Neuroscience Bulletin</i> , 2018, 34, 497-506.	1.5	27
4265	The neurophysiological basis of the discrepancy between objective and subjective sleep during the sleep onset period: an EEG-fMRI study. <i>Sleep</i> , 2018, 41, .	0.6	33
4266	Brain functional connectivity correlates of coping styles. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2018, 18, 495-508.	1.0	51
4267	A comparison of functional and tractography based networks in cerebral small vessel disease. <i>NeuroImage: Clinical</i> , 2018, 18, 425-432.	1.4	33
4268	Walking, Gross Motor Development, and Brain Functional Connectivity in Infants and Toddlers. <i>Cerebral Cortex</i> , 2018, 28, 750-763.	1.6	65
4269	Perspectives on Machine Learning for Classification of Schizotypy Using fMRI Data. <i>Schizophrenia Bulletin</i> , 2018, 44, S480-S490.	2.3	19
4270	The altered Granger causality connection among pain-related brain networks in migraine. <i>Medicine (United States)</i> , 2018, 97, e0102.	0.4	14
4271	Assessment of 3DTV-related fatigue with resting-state fMRI. <i>Signal Processing: Image Communication</i> , 2018, 64, 99-106.	1.8	0
4272	Distinct criticality of phase and amplitude dynamics in the resting brain. <i>NeuroImage</i> , 2018, 180, 442-447.	2.1	30
4273	Artificial limb representation in amputees. <i>Brain</i> , 2018, 141, 1422-1433.	3.7	53
4274	Functional atlas of the awake rat brain: A neuroimaging study of rat brain specialization and integration. <i>NeuroImage</i> , 2018, 170, 95-112.	2.1	52
4275	Resting-state Abnormalities in Heroin-dependent Individuals. <i>Neuroscience</i> , 2018, 378, 113-145.	1.1	25
4276	Automated individual-level parcellation of Broca's region based on functional connectivity. <i>NeuroImage</i> , 2018, 170, 41-53.	2.1	15
4277	Functional hyperconnectivity vanishes in children with developmental dyscalculia after numerical intervention. <i>Developmental Cognitive Neuroscience</i> , 2018, 30, 291-303.	1.9	39
4278	Cortical Representation of Pain and Touch: Evidence from Combined Functional Neuroimaging and Electrophysiology in Non-human Primates. <i>Neuroscience Bulletin</i> , 2018, 34, 165-177.	1.5	21
4279	Abnormal neural activity as a potential biomarker for drug-naive first-episode adolescent-onset schizophrenia with coherence regional homogeneity and support vector machine analyses. <i>Schizophrenia Research</i> , 2018, 192, 408-415.	1.1	52
4280	Functional Brain Parcellations of the Infant Brain and the Associated Developmental Trends. <i>Cerebral Cortex</i> , 2018, 28, 1358-1368.	1.6	55

#	ARTICLE	IF	CITATIONS
4281	Decoupling between the hand territory and the default mode network after bilateral arm transplantation: four-year follow-up case study. <i>Brain Imaging and Behavior</i> , 2018, 12, 296-302.	1.1	6
4282	Prospective relations between resting-state connectivity of parietal subdivisions and arithmetic competence. <i>Developmental Cognitive Neuroscience</i> , 2018, 30, 280-290.	1.9	19
4283	7T-fMRI: Faster temporal resolution yields optimal BOLD sensitivity for functional network imaging specifically at high spatial resolution. <i>NeuroImage</i> , 2018, 164, 214-229.	2.1	27
4284	Imaging the upâ€™s and downâ€™s of emotion regulation in lifetime depression. <i>Brain Imaging and Behavior</i> , 2018, 12, 156-167.	1.1	13
4285	On the detection of high frequency correlations in resting state fMRI. <i>NeuroImage</i> , 2018, 164, 202-213.	2.1	36
4286	Comparison of separation performance of independent component analysis algorithms for fMRI data. <i>Journal of Integrative Neuroscience</i> , 2018, 16, 157-175.	0.8	3
4287	Polygenic Risk of Spasmodic Dysphonia is Associated With Vulnerable Sensorimotor Connectivity. <i>Cerebral Cortex</i> , 2018, 28, 158-166.	1.6	23
4288	Functional brain networks reconstruction using group sparsity-regularized learning. <i>Brain Imaging and Behavior</i> , 2018, 12, 758-770.	1.1	2
4289	Highâ€™resolution deep functional imaging of the whole mouse brain by photoacoustic computed tomography <i>in vivo</i> . <i>Journal of Biophotonics</i> , 2018, 11, e201700024.	1.1	86
4290	Prenatal manganese exposure and intrinsic functional connectivity of emotional brain areas in children. <i>NeuroToxicology</i> , 2018, 64, 85-93.	1.4	42
4291	Semanticized autobiographical memory and the default â€™ executive coupling hypothesis of aging. <i>Neuropsychologia</i> , 2018, 110, 37-43.	0.7	66
4292	Computing the Social Brain Connectome Across Systems and States. <i>Cerebral Cortex</i> , 2018, 28, 2207-2232.	1.6	127
4293	Perceiving rejection by others: Relationship between rejection sensitivity and the spontaneous neuronal activity of the brain. <i>Social Neuroscience</i> , 2018, 13, 429-438.	0.7	3
4294	Abnormal functional connectivity of thalamic sub-regions contributes to fatigue in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2018, 24, 1183-1195.	1.4	54
4295	Just a thought: How mind-wandering is represented in dynamic brain connectivity. <i>NeuroImage</i> , 2018, 180, 505-514.	2.1	97
4296	Spinal cord MRI at 7T. <i>NeuroImage</i> , 2018, 168, 437-451.	2.1	66
4297	Functional connectivity density mapping: comparing multiband and conventional EPI protocols. <i>Brain Imaging and Behavior</i> , 2018, 12, 848-859.	1.1	17
4298	Imaging at ultrahigh magnetic fields: History, challenges, and solutions. <i>NeuroImage</i> , 2018, 168, 7-32.	2.1	98

#	ARTICLE	IF	CITATIONS
4299	A New Modular Brain Organization of the BOLD Signal during Natural Vision. <i>Cerebral Cortex</i> , 2018, 28, 3065-3081.	1.6	49
4300	Abnormal regional homogeneity as a potential imaging biomarker for adolescent-onset schizophrenia: A resting-state fMRI study and support vector machine analysis. <i>Schizophrenia Research</i> , 2018, 192, 179-184.	1.1	80
4301	Local-Global Parcellation of the Human Cerebral Cortex from Intrinsic Functional Connectivity MRI. <i>Cerebral Cortex</i> , 2018, 28, 3095-3114.	1.6	1,804
4302	Is the extrastriate body area part of the dorsal visuomotor stream?. <i>Brain Structure and Function</i> , 2018, 223, 31-46.	1.2	65
4303	Aberrant bloodâ€œoxygenâ€œlevelâ€œdependent signal oscillations across frequency bands characterize the alcoholic brain. <i>Addiction Biology</i> , 2018, 23, 824-835.	1.4	8
4304	Restingâ€œstate functional connectivity measured by diffuse correlation spectroscopy. <i>Journal of Biophotonics</i> , 2018, 11, e201700165.	1.1	12
4305	Functional parcellation using time courses of instantaneous connectivity. <i>NeuroImage</i> , 2018, 170, 31-40.	2.1	50
4306	Adolescent alcohol exposure decreases frontostriatal restingâ€œstate functional connectivity in adulthood. <i>Addiction Biology</i> , 2018, 23, 810-823.	1.4	58
4307	Electroencephalography Source Functional Connectivity Reveals Abnormal High-Frequency Communication Among Large-Scale Functional Networks in Depression. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018, 3, 50-58.	1.1	58
4308	Identifying functional network changing patterns in individuals at clinical high-risk for psychosis and patients with early illness schizophrenia: A group ICA study. <i>NeuroImage: Clinical</i> , 2018, 17, 335-346.	1.4	35
4309	Removal of artifacts from resting-state fMRI data in stroke. <i>NeuroImage: Clinical</i> , 2018, 17, 297-305.	1.4	28
4310	Evaluating functional connectivity of executive control network and frontoparietal network in Alzheimerâ€™s disease. <i>Brain Research</i> , 2018, 1678, 262-272.	1.1	53
4311	Dimensionality reduction impedes the extraction of dynamic functional connectivity states from fMRI recordings of resting wakefulness. <i>Journal of Neuroscience Methods</i> , 2018, 293, 151-161.	1.3	6
4312	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.	2.1	178
4313	Lateralization effects on functional connectivity of the auditory network in patients with unilateral pulsatile tinnitus as detected by functional MRI. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 81, 228-235.	2.5	22
4314	Spectral signatures of mirror movements in the sensoriâ€œmotor connectivity in kallmann syndrome. <i>Human Brain Mapping</i> , 2018, 39, 42-53.	1.9	6
4315	Advanced and amplified BOLD fluctuations in highâ€œgrade gliomas. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 1616-1625.	1.9	12
4316	Cortical cores in network dynamics. <i>NeuroImage</i> , 2018, 180, 370-382.	2.1	93

#	ARTICLE	IF	CITATIONS
4317	Dynamic functional connectivity and brain metastability during altered states of consciousness. <i>NeuroImage</i> , 2018, 180, 383-395.	2.1	98
4318	Mapping human brain lesions and their functional consequences. <i>NeuroImage</i> , 2018, 165, 180-189.	2.1	129
4319	Coma and Disorders of Consciousness. , 2018, , .		13
4320	Dynamics of large-scale electrophysiological networks: A technical review. <i>NeuroImage</i> , 2018, 180, 559-576.	2.1	174
4321	Effective connectivity inferred from fMRI transition dynamics during movie viewing points to a balanced reconfiguration of cortical interactions. <i>NeuroImage</i> , 2018, 180, 534-546.	2.1	57
4322	Reproducibility of R ² fMRI metrics on the impact of different strategies for multiple comparison correction and sample sizes. <i>Human Brain Mapping</i> , 2018, 39, 300-318.	1.9	257
4323	Childhood stress, grown-up brain networks: corticolimbic correlates of threat-related early life stress and adult stress response. <i>Psychological Medicine</i> , 2018, 48, 1157-1166.	2.7	85
4324	Harmonic Brain Modes: A Unifying Framework for Linking Space and Time in Brain Dynamics. <i>Neuroscientist</i> , 2018, 24, 277-293.	2.6	74
4325	Linking Complex Alterations in Functional Network Connectivity to Disorders of Consciousness. , 2018, , 37-50.		0
4326	Prospects of Acupuncture Research in the Future. , 2018, , 125-138.		0
4327	How motor, cognitive and musical expertise shapes the brain: Focus on fMRI and EEG resting-state functional connectivity. <i>Journal of Chemical Neuroanatomy</i> , 2018, 89, 60-68.	1.0	24
4328	Identification of autism spectrum disorder using deep learning and the ABIDE dataset. <i>NeuroImage: Clinical</i> , 2018, 17, 16-23.	1.4	594
4329	Selective functional dysconnectivity of the dorsal-anterior subregion of the precuneus in drug-naïve major depressive disorder. <i>Journal of Affective Disorders</i> , 2018, 225, 676-683.	2.0	27
4330	Understanding marijuana's effects on functional connectivity of the default mode network in patients with schizophrenia and co-occurring cannabis use disorder: A pilot investigation. <i>Schizophrenia Research</i> , 2018, 194, 70-77.	1.1	33
4331	Dual-echo ASL based assessment of motor networks: a feasibility study. <i>Journal of Neural Engineering</i> , 2018, 15, 026018.	1.8	8
4332	Resting-state functional connectivity in the rat cervical spinal cord at 9.4 T. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 2773-2783.	1.9	18
4333	Neural and metabolic basis of dynamic resting state fMRI. <i>NeuroImage</i> , 2018, 180, 448-462.	2.1	48
4334	Aberrant brain functional connectivity in newborns with congenital heart disease before cardiac surgery. <i>NeuroImage: Clinical</i> , 2018, 17, 31-42.	1.4	49

#	ARTICLE	IF	CITATIONS
4335	Beyond the evoked/intrinsic neural process dichotomy. <i>Network Neuroscience</i> , 2018, 2, 1-22.	1.4	27
4336	Impact of previous episodes of hepatic encephalopathy on short-term brain function recovery after liver transplantation: a functional connectivity strength study. <i>Metabolic Brain Disease</i> , 2018, 33, 237-249.	1.4	18
4337	Network-level dysconnectivity in patients with nasopharyngeal carcinoma (NPC) early post-radiotherapy: longitudinal resting state fMRI study. <i>Brain Imaging and Behavior</i> , 2018, 12, 1279-1289.	1.1	31
4338	Wavelet coherence-based classifier: A resting-state functional MRI study on neurodynamics in adolescents with high-functioning autism. <i>Computer Methods and Programs in Biomedicine</i> , 2018, 154, 143-151.	2.6	60
4339	Spinal Cord Injury Disrupts Resting-State Networks in the Human Brain. <i>Journal of Neurotrauma</i> , 2018, 35, 864-873.	1.7	51
4340	Functional connectivity in dementia with Lewy bodies: A within- and between-network analysis. <i>Human Brain Mapping</i> , 2018, 39, 1118-1129.	1.9	55
4341	Investigating the effects of subconcussion on functional connectivity using mass-univariate and multivariate approaches. <i>Brain Imaging and Behavior</i> , 2018, 12, 1332-1345.	1.1	26
4342	Spectral Diversity in Default Mode Network Connectivity Reflects Behavioral State. <i>Journal of Cognitive Neuroscience</i> , 2018, 30, 526-539.	1.1	24
4343	Disrupted functional connectivity of the amygdala is associated with depressive mood in type 2 diabetes patients. <i>Journal of Affective Disorders</i> , 2018, 228, 207-215.	2.0	15
4344	Intrinsic functional connectivity of the central extended amygdala. <i>Human Brain Mapping</i> , 2018, 39, 1291-1312.	1.9	70
4345	Retrospective Correction of Physiological Noise: Impact on Sensitivity, Specificity, and Reproducibility of Resting-State Functional Connectivity in a Reading Network Model. <i>Brain Connectivity</i> , 2018, 8, 94-105.	0.8	8
4346	Structural abnormalities and altered regional brain activity in multiple sclerosis with simple spinal cord involvement. <i>British Journal of Radiology</i> , 2018, 91, 20150777.	1.0	4
4347	Imaging Evaluation of Degenerative Cervical Myelopathy. <i>Neurosurgery Clinics of North America</i> , 2018, 29, 33-45.	0.8	26
4348	EEG microstates as a tool for studying the temporal dynamics of whole-brain neuronal networks: A review. <i>NeuroImage</i> , 2018, 180, 577-593.	2.1	671
4349	Control networks and hubs. <i>Psychophysiology</i> , 2018, 55, e13032.	1.2	137
4350	Different pre-scanning instructions induce distinct psychological and resting brain states during functional magnetic resonance imaging. <i>European Journal of Neuroscience</i> , 2018, 47, 77-82.	1.2	18
4351	Analysis of fMRI data using noise-diffusion network models: a new covariance-coding perspective. <i>Biological Cybernetics</i> , 2018, 112, 153-161.	0.6	5
4352	Perturbation of whole-brain dynamics in silico reveals mechanistic differences between brain states. <i>NeuroImage</i> , 2018, 169, 46-56.	2.1	83

#	ARTICLE	IF	CITATIONS
4353	Altered resting state functional connectivity in early course schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2018, 271, 17-23.	0.9	15
4354	Momentary level of slow default mode network activity is associated with distinct propagation and connectivity patterns in the anesthetized mouse cortex. <i>Journal of Neurophysiology</i> , 2018, 119, 441-458.	0.9	2
4355	Finer parcellation reveals detailed correlational structure of resting-state fMRI signals. <i>Journal of Neuroscience Methods</i> , 2018, 294, 15-33.	1.3	7
4356	Collective sparse symmetric non-negative matrix factorization for identifying overlapping communities in resting-state brain functional networks. <i>NeuroImage</i> , 2018, 166, 259-275.	2.1	23
4357	The neuronal network involved in self-attribution of an artificial hand: A lesion network-symptom-mapping study. <i>NeuroImage</i> , 2018, 166, 317-324.	2.1	30
4358	Annual Research Review: Not just a small adult brain: understanding later neurodevelopment through imaging the neonatal brain. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2018, 59, 350-371.	3.1	73
4359	Neural basis of exertional fatigue in the heat: A review of magnetic resonance imaging methods. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2018, 28, 807-818.	1.3	5
4360	Spontaneous neural activity differences in posttraumatic stress disorder: A quantitative resting-state meta-analysis and fMRI validation. <i>Human Brain Mapping</i> , 2018, 39, 837-850.	1.9	51
4361	Reduced resting-state thalamostriatal functional connectivity is associated with excessive daytime sleepiness in persons with and without depressive disorders. <i>Journal of Affective Disorders</i> , 2018, 227, 517-520.	2.0	6
4362	Dynamic effective connectivity in resting state fMRI. <i>NeuroImage</i> , 2018, 180, 594-608.	2.1	100
4363	Network Neuroscience Theory of Human Intelligence. <i>Trends in Cognitive Sciences</i> , 2018, 22, 8-20.	4.0	229
4364	Mapping the structural and functional network architecture of the medial temporal lobe using 7T MRI. <i>Human Brain Mapping</i> , 2018, 39, 851-865.	1.9	60
4365	Resting-state connectivity and executive functions after pediatric arterial ischemic stroke. <i>NeuroImage: Clinical</i> , 2018, 17, 359-367.	1.4	31
4366	Neural coupling between contralesional motor and frontoparietal networks correlates with motor ability in individuals with chronic stroke. <i>Journal of the Neurological Sciences</i> , 2018, 384, 21-29.	0.3	27
4367	Neural substrate of unrelenting negative symptoms in schizophrenia: a longitudinal resting-state fMRI study. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2018, 268, 641-651.	1.8	16
4368	Altered patterns of resting-state functional connectivity between the caudate and other brain regions in medication-naïve children with attention deficit hyperactivity disorder. <i>Clinical Imaging</i> , 2018, 47, 47-51.	0.8	10
4369	Task-based dynamic functional connectivity: Recent findings and open questions. <i>NeuroImage</i> , 2018, 180, 526-533.	2.1	239
4370	Abnormal long- and short-range functional connectivity in adolescent-onset schizophrenia patients: A resting-state fMRI study. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 81, 445-451.	2.5	55

#	ARTICLE	IF	CITATIONS
4371	Fluctuations between high- and low-modularity topology in time-resolved functional connectivity. <i>NeuroImage</i> , 2018, 180, 406-416.	2.1	52
4372	Machine Learning of Functional Magnetic Resonance Imaging Network Connectivity Predicts Substance Abuse Treatment Completion. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018, 3, 141-149.	1.1	26
4373	Influences of Age, Sex, and Moderate Alcohol Drinking on the Intrinsic Functional Architecture of Adolescent Brains. <i>Cerebral Cortex</i> , 2018, 28, 1049-1063.	1.6	33
4374	The thalamo-habenula projection revisited. <i>Seminars in Cell and Developmental Biology</i> , 2018, 78, 116-119.	2.3	9
4375	Detecting directed interactions of networks by random variable resetting. <i>Europhysics Letters</i> , 2018, 124, 18002.	0.7	9
4376	Dissociable Effects of Aging on Salience Subnetwork Connectivity Mediate Age-Related Changes in Executive Function and Affect. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 410.	1.7	18
4377	High-homogeneity functional parcellation of human brain for investigating robust functional connectivity. , 2018, , .		0
4378	Neural Dynamics during Resting State: A Functional Magnetic Resonance Imaging Exploration with Reduction and Visualization. <i>Complexity</i> , 2018, 2018, 1-10.	0.9	0
4379	Regional cerebral metabolism alterations affect resting-state functional connectivity in major depressive disorder. <i>Quantitative Imaging in Medicine and Surgery</i> , 2018, 8, 910-924.	1.1	33
4380	Affective Network Neuroscience. <i>Frontiers in Neuroscience</i> , 2018, 12, 895.	1.4	10
4381	Hyperconnectivity of the ventromedial prefrontal cortex in obsessive-compulsive disorder. <i>Brain and Neuroscience Advances</i> , 2018, 2, 239821281880871.	1.8	61
4382	Abnormal intrinsic brain activity in individuals with peripheral vision loss because of retinitis pigmentosa using amplitude of low-frequency fluctuations. <i>NeuroReport</i> , 2018, 29, 1323-1332.	0.6	13
4383	Disrupted metabolic and functional connectivity patterns of the posterior cingulate cortex in cirrhotic patients. <i>NeuroReport</i> , 2018, 29, 993-1000.	0.6	8
4384	Abnormal default-mode network homogeneity in patients with temporal lobe epilepsy. <i>Medicine (United States)</i> , 2018, 97, e11239.	0.4	18
4385	Improving Sparsity and Modularity of High-Order Functional Connectivity Networks for MCI and ASD Identification. <i>Frontiers in Neuroscience</i> , 2018, 12, 959.	1.4	20
4386	Neuroplastic Changes in Older Adults Performing Cooperative Hand Movements. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 488.	1.0	5
4387	Network Restructuring Control for Conic Invariance with Application to Neural Networks. , 2018, , .		0
4388	Quantifying Differences Between Passive and Task-Evoked Intrinsic Functional Connectivity in a Large-Scale Brain Simulation. <i>Brain Connectivity</i> , 2018, 8, 637-652.	0.8	2

#	ARTICLE	IF	CITATIONS
4389	Functional Connectivity in Parkinson Disease Through Mixture Modelling. , 2018, , .		1
4390	Topology Identification via Growing a Chow-Liu Tree Network. , 2018, , .		1
4391	HOW MANY FMRI SCANS ARE NECESSARY AND SUFFICIENT FOR RESTING BRAIN CONNECTIVITY ANALYSIS?. , 2018, , .		2
4392	Deep Learning Based Pipeline for Fingerprinting Using Brain Functional MRI Connectivity Data. <i>Procedia Computer Science</i> , 2018, 141, 539-544.	1.2	6
4393	Analysis of Resting State according to the data of magnetoencephalography. <i>Procedia Computer Science</i> , 2018, 145, 520-525.	1.2	0
4394	Towards localization of radial traveling waves in the evoked and spontaneous MEG: A solution based on the intra-cortical propagation hypothesis. <i>Procedia Computer Science</i> , 2018, 145, 617-622.	1.2	5
4395	Resting-State Connectivity in Former, Current, and Never Smokers. <i>Nicotine and Tobacco Research</i> , 2018, 22, 180-187.	1.4	6
4396	Investigation Of Interaction Between Physiological Signals And fMRI Dynamic Functional Connectivity Using Independent Component Analysis. , 2018, 2018, 1019-1023.		2
4397	Identifying Respiration-Related Aliasing Artifacts in the Rodent Resting-State fMRI. <i>Frontiers in Neuroscience</i> , 2018, 12, 788.	1.4	24
4398	Mitigating head motion artifact in functional connectivity MRI. <i>Nature Protocols</i> , 2018, 13, 2801-2826.	5.5	211
4399	Plastic Network Changes During Brain Disease. <i>Handbook of Behavioral Neuroscience</i> , 2018, , 415-424.	0.7	1
4400	A practical protocol for measurements of spinal cord functional connectivity. <i>Scientific Reports</i> , 2018, 8, 16512.	1.6	24
4401	Characterizing directed functional pathways in the visual system by multivariate nonlinear coherence of fMRI data. <i>Scientific Reports</i> , 2018, 8, 16362.	1.6	11
4402	The Brain before Birth: Using fMRI to Explore the Secrets of Fetal Neurodevelopment. <i>Environmental Health Perspectives</i> , 2018, 126, 112001.	2.8	19
4403	Disentangling Multispectral Functional Connectivity With Wavelets. <i>Frontiers in Neuroscience</i> , 2018, 12, 812.	1.4	8
4404	Grading of Frequency Spectral Centroid Across Resting-State Networks. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 436.	1.0	13
4405	Cognitive and Physiologic Impacts of the Infraslow Oscillation. <i>Frontiers in Systems Neuroscience</i> , 2018, 12, 44.	1.2	49
4406	Comparison of Resting-State Brain Activation Detected by BOLD, Blood Volume and Blood Flow. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 443.	1.0	12

#	ARTICLE	IF	CITATIONS
4407	Exploring resting-state functional connectivity invariants across the lifespan in healthy people by means of a recently proposed graph theoretical model. <i>PLoS ONE</i> , 2018, 13, e0206567.	1.1	11
4408	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.	2.6	10
4409	Low rank and sparsity constrained method for identifying overlapping functional brain networks. <i>PLoS ONE</i> , 2018, 13, e0208068.	1.1	8
4410	The effect of aerobic dance intervention on brain spontaneous activity in older adults with mild cognitive impairment: A resting-state functional MRI study. <i>Experimental and Therapeutic Medicine</i> , 2019, 17, 715-722.	0.8	27
4411	Interaction Information Along Lifespan of the Resting Brain Dynamics Reveals a Major Redundant Role of the Default Mode Network. <i>Entropy</i> , 2018, 20, 742.	1.1	17
4412	Regional homogeneity of intrinsic brain activity related to the main alexithymia dimensions. <i>Annals of General Psychiatry</i> , 2018, 31, e000003.	1.1	2
4413	Decreased Spontaneous Brain Activity and Functional Connectivity in Type 1 Diabetic Patients Without Microvascular Complications. <i>Cellular Physiology and Biochemistry</i> , 2018, 51, 2694-2703.	1.1	14
4414	Altered Effective Connectivity in the Default Network of the Brains of First-Episode, Drug-Naïve Schizophrenia Patients With Auditory Verbal Hallucinations. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 456.	1.0	25
4415	Aberrant structural and functional connectivity and neurodevelopmental impairment in preterm children. <i>Journal of Neurodevelopmental Disorders</i> , 2018, 10, 38.	1.5	124
4416	Functional and Structural Plasticity of Brain in Elite Karate Athletes. <i>Journal of Healthcare Engineering</i> , 2018, 2018, 1-8.	1.1	12
4417	Multifractal Dynamic Functional Connectivity in the Resting-State Brain. <i>Frontiers in Physiology</i> , 2018, 9, 1704.	1.3	35
4418	Neural representation of visual concepts in people born blind. <i>Nature Communications</i> , 2018, 9, 5250.	5.8	43
4419	Altered Sensory Insular Connectivity in Chronic Postsurgical Pain Patients. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 483.	1.0	5
4420	Predicting functional networks from region connectivity profiles in task-based versus resting-state fMRI data. <i>PLoS ONE</i> , 2018, 13, e0207385.	1.1	16
4421	Aberrant Cerebellar-Cerebral Functional Connectivity in Children and Adolescents With Autism Spectrum Disorder. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 454.	1.0	19
4422	Automatic Recognition of Resting State fMRI Networks with Dictionary Learning. <i>Lecture Notes in Computer Science</i> , 2018, , 249-259.	1.0	3
4423	Novel Imaging Biomarkers for Huntington's Disease and Other Hereditary Chorea. <i>Current Neurology and Neuroscience Reports</i> , 2018, 18, 85.	2.0	13
4424	Plasticity changes in forebrain activity and functional connectivity during neuropathic pain development in rats with sciatic spared nerve injury. <i>Molecular Brain</i> , 2018, 11, 55.	1.3	40

#	ARTICLE	IF	CITATIONS
4425	Whole-Brain Multimodal Neuroimaging Model Using Serotonin Receptor Maps Explains Non-linear Functional Effects of LSD. <i>Current Biology</i> , 2018, 28, 3065-3074.e6.	1.8	159
4426	Functional magnetic resonance imaging in glioma patients: from clinical applications to future perspectives. <i>Quarterly Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 62, 295-302.	0.4	7
4427	Ten Key Insights into the Use of Spinal Cord fMRI. <i>Brain Sciences</i> , 2018, 8, 173.	1.1	47
4428	Multi-Session Parcellation of the Human Brain Using Resting-State fMRI. , 2018, , .		2
4429	Imaging of Motor Cortex Physiology in Parkinson's Disease. <i>Movement Disorders</i> , 2018, 33, 1688-1699.	2.2	63
4430	The frequency architecture of brain and brain body oscillations: an analysis. <i>European Journal of Neuroscience</i> , 2018, 48, 2431-2453.	1.2	122
4431	Identification of alterations associated with age in the clustering structure of functional brain networks. <i>PLoS ONE</i> , 2018, 13, e0195906.	1.1	3
4432	Anatomical and microstructural determinants of hippocampal subfield functional connectome embedding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 10154-10159.	3.3	201
4433	Network Models in Neuroimaging: A Survey of Multimodal Applications. <i>Fundamenta Informaticae</i> , 2018, 163, 63-91.	0.3	1
4434	The Dynamic Measurements of Regional Brain Activity for Resting-State fMRI: d-ALFF, d-fALFF and d-ReHo. <i>Lecture Notes in Computer Science</i> , 2018, , 190-197.	1.0	8
4435	Altered spatial and temporal concordance among intrinsic brain activity measures in schizophrenia. <i>Journal of Psychiatric Research</i> , 2018, 106, 91-98.	1.5	21
4436	Default Mode Network Complexity and Cognitive Decline in Mild Alzheimer's Disease. <i>Frontiers in Neuroscience</i> , 2018, 12, 770.	1.4	103
4437	Imaging-based parcellations of the human brain. <i>Nature Reviews Neuroscience</i> , 2018, 19, 672-686.	4.9	326
4438	Functional Connectivity in Multiple Sclerosis: Recent Findings and Future Directions. <i>Frontiers in Neurology</i> , 2018, 9, 828.	1.1	66
4439	The relationship between amplitude of low frequency fluctuations and gray matter volume of the mirror neuron system: Differences between low disability multiple sclerosis patients and healthy controls. <i>IBRO Reports</i> , 2018, 5, 60-66.	0.3	6
4440	Altered Functional Connectivity in Resting State Networks in Tourette's Disorder. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 363.	1.0	26
4441	Comparison of EEG microstates with resting state fMRI and FDGPET measures in the default mode network via simultaneously recorded trimodal (PET/MR/EEG) data. <i>Human Brain Mapping</i> , 2021, 42, 4122-4133.	1.9	32
4442	Neuroimaging Applications in Dystonia. <i>International Review of Neurobiology</i> , 2018, 143, 1-30.	0.9	38

#	ARTICLE	IF	CITATIONS
4443	Common neural signatures of psychedelics: Frequency-specific energy changes and repertoire expansion revealed using connectome-harmonic decomposition. <i>Progress in Brain Research</i> , 2018, 242, 97-120.	0.9	41
4444	The regulation of positive and negative emotions through instructed causal attributions in lifetime depression – A functional magnetic resonance imaging study. <i>NeuroImage: Clinical</i> , 2018, 20, 1233-1245.	1.4	25
4445	Functional MRI in Atypical Parkinsonisms. <i>International Review of Neurobiology</i> , 2018, 142, 149-173.	0.9	11
4446	Exploring brain functional connectivity in rest and sleep states: a fNIRS study. <i>Scientific Reports</i> , 2018, 8, 16144.	1.6	45
4447	Modulation of prefrontal connectivity in postherpetic neuralgia patients with chronic pain: a resting-state functional magnetic resonance-imaging study. <i>Journal of Pain Research</i> , 2018, Volume 11, 2131-2144.	0.8	16
4448	Disentangling phonological and articulatory processing: A neuroanatomical study in aphasia. <i>Neuropsychologia</i> , 2018, 121, 175-185.	0.7	24
4449	Functional Parcellation of the Cerebral Cortex Across the Human Adult Lifespan. <i>Cerebral Cortex</i> , 2018, 28, 4403-4423.	1.6	35
4450	Neuroimaging Studies of Primary Dysmenorrhea. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1099, 179-199.	0.8	20
4451	The LURN Research Network Neuroimaging and Sensory Testing (NIST) Study: Design, protocols, and operations. <i>Contemporary Clinical Trials</i> , 2018, 74, 76-87.	0.8	7
4452	Functional network connectivity is altered in patients with upper limb somatosensory impairments in the acute phase post stroke: A cross-sectional study. <i>PLoS ONE</i> , 2018, 13, e0205693.	1.1	18
4453	Advances in Pain Research: Mechanisms and Modulation of Chronic Pain. <i>Advances in Experimental Medicine and Biology</i> , 2018, . .	0.8	1
4454	Abnormal amygdala resting-state functional connectivity in adults and adolescents with major depressive disorder: A comparative meta-analysis. <i>EBioMedicine</i> , 2018, 36, 436-445.	2.7	94
4455	Whether Visual-related Structural and Functional Changes Occur in Brain of Patients with Acute Incomplete Cervical Cord Injury: A Multimodal Based MRI Study. <i>Neuroscience</i> , 2018, 393, 284-294.	1.1	27
4456	Voxel-Mirrored Homotopic Connectivity of Resting-State Functional Magnetic Resonance Imaging in Blepharospasm. <i>Frontiers in Psychology</i> , 2018, 9, 1620.	1.1	21
4457	Apports de l'imagerie cérébrale dans la compréhension des mécanismes physiopathologiques de la dépression du sujet âgé. <i>NPG Neurologie - Psychiatrie - Geriatrie</i> , 2018, 18, 360-365.	0.1	0
4458	MDD diagnosis based on partial-brain functional connection network. <i>AIP Conference Proceedings</i> , 2018, . .	0.3	0
4459	Multimodal MRI-based classification of migraine: using deep learning convolutional neural network. <i>BioMedical Engineering OnLine</i> , 2018, 17, 138.	1.3	35
4460	Readability of the 100 Most-Cited Neuroimaging Papers Assessed by Common Readability Formulae. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 308.	1.0	26

#	ARTICLE	IF	CITATIONS
4461	Effect of Cultural Priming on Social Behavior and EEG Correlates of Self-Processing. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 236.	1.0	9
4462	Coherent Hemodynamics Spectroscopy: A New Technique to Characterize the Dynamics of Blood Perfusion and Oxygenation in Tissue. <i>Springer Series in Optical Sciences</i> , 2018, , 183-207.	0.5	0
4463	Abnormal Global Functional Connectivity Patterns in Medication-Free Major Depressive Disorder. <i>Frontiers in Neuroscience</i> , 2018, 12, 692.	1.4	11
4464	Resting-state Functional Connectivity and Deception: Exploring Individualized Deceptive Propensity by Machine Learning. <i>Neuroscience</i> , 2018, 395, 101-112.	1.1	20
4465	Functional connectivity between the thalamus and the primary somatosensory cortex in major depressive disorder: a resting-state fMRI study. <i>BMC Psychiatry</i> , 2018, 18, 339.	1.1	57
4466	A Hierarchical Graph Signal Processing Approach to Inference from Spatiotemporal Signals. , 2018, , .		2
4467	Alterations in Intra- and Interregional Intrinsic Brain Connectivity Are Differentially Associated with Memory Performance in Amnesic Mild Cognitive Impairment. <i>Dementia and Geriatric Cognitive Disorders</i> , 2018, 46, 229-242.	0.7	6
4468	Positive Connectivity Predicts the Dynamic Intrinsic Topology of the Human Brain Network. <i>Frontiers in Systems Neuroscience</i> , 2018, 12, 38.	1.2	22
4469	Resting-state basal ganglia network codes a motor musical skill and its disruption From dystonia. <i>Movement Disorders</i> , 2018, 33, 1472-1480.	2.2	13
4470	Sex Differences in Spontaneous Brain Activity in Adolescents With Conduct Disorder. <i>Frontiers in Psychology</i> , 2018, 9, 1598.	1.1	15
4471	Functional Connectivity Alterations Reveal Complex Mechanisms Based on Clinical and Radiological Status in Mild Relapsing Remitting Multiple Sclerosis. <i>Frontiers in Neurology</i> , 2018, 9, 690.	1.1	32
4472	Task-Evoked Negative BOLD Response in the Default Mode Network Does Not Alter Its Functional Connectivity. <i>Frontiers in Computational Neuroscience</i> , 2018, 12, 67.	1.2	10
4473	Relating resting-state hemodynamic changes to the variable language profiles in post-stroke aphasia. <i>NeuroImage: Clinical</i> , 2018, 20, 611-619.	1.4	25
4474	Spontaneous activity in medial orbitofrontal cortex correlates with trait anxiety in healthy male adults. <i>Journal of Zhejiang University: Science B</i> , 2018, 19, 643-653.	1.3	17
4475	Multiplex core-periphery organization of the human connectome. <i>Journal of the Royal Society Interface</i> , 2018, 15, 20180514.	1.5	39
4476	Neuroscience Information Toolbox: An Open Source Toolbox for EEG-fMRI Multimodal Fusion Analysis. <i>Frontiers in Neuroinformatics</i> , 2018, 12, 56.	1.3	54
4477	Advances in MRI Methodology. <i>International Review of Neurobiology</i> , 2018, 141, 31-76.	0.9	124
4478	Awake Rat Brain Functional Magnetic Resonance Imaging Using Standard Radio Frequency Coils and a 3D Printed Restraint Kit. <i>Frontiers in Neuroscience</i> , 2018, 12, 548.	1.4	55

#	ARTICLE	IF	CITATIONS
4479	Study of altered functional connectivity in individuals at risk for Alzheimer's Disease. <i>Technology and Health Care</i> , 2018, 26, 103-111.	0.5	7
4480	Early Findings on Functional Connectivity Correlates of Behavioral Outcomes of Brain-Computer Interface Stroke Rehabilitation Using Machine Learning. <i>Frontiers in Neuroscience</i> , 2018, 12, 624.	1.4	14
4481	A combined study of ¹⁸ F-FDG PET-CT and fMRI for assessing resting cerebral function in patients with major depressive disorder. <i>Experimental and Therapeutic Medicine</i> , 2018, 16, 1873-1881.	0.8	18
4482	Disrupted interactions among the hippocampal, dorsal attention, and central executive networks in amnesic mild cognitive impairment. <i>Human Brain Mapping</i> , 2018, 39, 4987-4997.	1.9	24
4483	Abnormal Spontaneous Brain Activity in Early Parkinson's Disease With Mild Cognitive Impairment: A Resting-State fMRI Study. <i>Frontiers in Physiology</i> , 2018, 9, 1093.	1.3	45
4484	Brain activity mediates the relation between emotional but not instrumental support and trait loneliness. <i>Social Cognitive and Affective Neuroscience</i> , 2018, 13, 995-1002.	1.5	11
4485	Reliability of Static and Dynamic Network Metrics in the Resting-State: A MEG-Beamformed Connectivity Analysis. <i>Frontiers in Neuroscience</i> , 2018, 12, 506.	1.4	53
4486	Frequency specific resting state functional abnormalities in psychosis. <i>Human Brain Mapping</i> , 2018, 39, 4509-4518.	1.9	19
4487	Real-time fMRI amygdala neurofeedback positive emotional training normalized resting-state functional connectivity in combat veterans with and without PTSD: a connectome-wide investigation. <i>NeuroImage: Clinical</i> , 2018, 20, 543-555.	1.4	50
4488	Intrinsic connectivity networks underlying individual differences in control-averse behavior. <i>Human Brain Mapping</i> , 2018, 39, 4857-4869.	1.9	6
4489	Comparative Primate Connectomics. <i>Brain, Behavior and Evolution</i> , 2018, 91, 170-179.	0.9	28
4490	Impact of Healthy Aging on Multifractal Hemodynamic Fluctuations in the Human Prefrontal Cortex. <i>Frontiers in Physiology</i> , 2018, 9, 1072.	1.3	28
4491	Digital Image Watermarking using Tenth Root of Exponential Function. , 2018, , .		3
4492	Optimal design of validation experiments based on informatic entropy. , 2018, , .		0
4493	Bayesian reconstruction of R-fMRI from K-T undersampled data using a robust, subject-invariant, spatially-regularized dictionary prior. , 2018, , .		5
4494	Recent advances in the use of MRI to assess early human cortical development. <i>Journal of Magnetic Resonance</i> , 2018, 293, 56-69.	1.2	15
4495	Longitudinal observations using simultaneous fMRI, multiple channel electrophysiology recording, and chemical microiontophoresis in the rat brain. <i>Journal of Neuroscience Methods</i> , 2018, 306, 68-76.	1.3	9
4496	Cerebral activation effects of acupuncture at Yanglingquan(GB34) point acquired using resting-state fMRI. <i>Computerized Medical Imaging and Graphics</i> , 2018, 67, 55-58.	3.5	9

#	ARTICLE	IF	CITATIONS
4497	Short timescale abnormalities in the states of spontaneous synchrony in the functional neural networks in Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2018, 20, 128-152.	1.4	32
4498	Mutual connectivity analysis of resting-state functional MRI data with local models. <i>NeuroImage</i> , 2018, 178, 210-223.	2.1	18
4499	Extracting orthogonal subject- and condition-specific signatures from fMRI data using whole-brain effective connectivity. <i>NeuroImage</i> , 2018, 178, 238-254.	2.1	41
4500	Functional brain lateralization in schizophrenia based on the variability of resting-state fMRI signal. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 86, 114-121.	2.5	24
4501	Individual T1-weighted/T2-weighted ratio brain networks: Small-worldness, hubs and modular organization. <i>International Journal of Modern Physics C</i> , 2018, 29, 1840007.	0.8	3
4502	A pilot study of GABAB correlates with resting-state functional connectivity in five depressed female adolescents. <i>Psychiatry Research - Neuroimaging</i> , 2018, 279, 60-63.	0.9	2
4503	The effect of machine learning regression algorithms and sample size on individualized behavioral prediction with functional connectivity features. <i>NeuroImage</i> , 2018, 178, 622-637.	2.1	241
4504	Functional Imaging in Dystonia. , 0, , 36-39.		0
4505	Magnetic Resonance Imaging in Huntington's Disease. <i>Methods in Molecular Biology</i> , 2018, 1780, 303-328.	0.4	2
4506	Socioeconomic status moderates age-related differences in the brain's functional network organization and anatomy across the adult lifespan. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5144-E5153.	3.3	100
4507	Asymptomatic Human Immunodeficiency Virus Vertical Transmitted Adolescents' Brain Functional Changes: Based on Resting-State Functional Magnetic Resonance Imaging. <i>AIDS Research and Human Retroviruses</i> , 2018, 34, 699-704.	0.5	4
4508	Quantitative Testing of fMRI-Compatibility of an Electrically Active Mechatronic Device for Robot-Assisted Sensorimotor Protocols. <i>IEEE Transactions on Biomedical Engineering</i> , 2018, 65, 1595-1606.	2.5	11
4509	Fluctuations of the EEG-fMRI correlation reflect intrinsic strength of functional connectivity in default mode network. <i>Journal of Neuroscience Research</i> , 2018, 96, 1689-1698.	1.3	21
4510	Exploring latent structures of Alzheimer's disease via structure learning. , 2018, , .		1
4511	Short- and long-range synergism disorders in lifelong premature ejaculation evaluated using the functional connectivity density and network property. <i>NeuroImage: Clinical</i> , 2018, 19, 607-615.	1.4	33
4512	Test-retest variability of resting-state networks in healthy aging and prodromal Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2018, 19, 948-962.	1.4	24
4513	Advances in functional magnetic resonance imaging data analysis methods using Empirical Mode Decomposition to investigate temporal changes in early Parkinson's disease. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2018, 4, 372-386.	1.8	30
4514	Quasi-Periodic Patterns of Neural Activity improve Classification of Alzheimer's Disease in Mice. <i>Scientific Reports</i> , 2018, 8, 10024.	1.6	35

#	ARTICLE	IF	CITATIONS
4515	Inferring multi-scale neural mechanisms with brain network modelling. <i>ELife</i> , 2018, 7, .	2.8	137
4516	Statistical harmonization corrects site effects in functional connectivity measurements from multi-site fMRI data. <i>Human Brain Mapping</i> , 2018, 39, 4213-4227.	1.9	295
4517	Contextual interference enhances motor learning through increased resting brain connectivity during memory consolidation. <i>NeuroImage</i> , 2018, 181, 1-15.	2.1	15
4518	A computational model of shared fine-scale structure in the human connectome. <i>PLoS Computational Biology</i> , 2018, 14, e1006120.	1.5	71
4519	The relationship between spatial configuration and functional connectivity of brain regions. <i>ELife</i> , 2018, 7, .	2.8	184
4520	A general prediction model for the detection of ADHD and Autism using structural and functional MRI. <i>PLoS ONE</i> , 2018, 13, e0194856.	1.1	120
4521	Missed Connections: A Network Approach to Understanding Psychiatric Illness. <i>Biological Psychiatry</i> , 2018, 84, e9-e11.	0.7	0
4522	Resting-state functional connectivity in prefrontal cortex investigated by functional near-infrared spectroscopy: A longitudinal and cross-sectional study. <i>Neuroscience Letters</i> , 2018, 683, 94-99.	1.0	4
4523	Integration of resting state functional MRI into clinical practice - A large single institution experience. <i>PLoS ONE</i> , 2018, 13, e0198349.	1.1	54
4524	Electroacupuncture Ameliorates Cognitive Impairment and Spontaneous Low-Frequency Brain Activity in Rats with Ischemic Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018, 27, 2596-2605.	0.7	20
4525	On the relationship between instantaneous phase synchrony and correlation-based sliding windows for time-resolved fMRI connectivity analysis. <i>NeuroImage</i> , 2018, 181, 85-94.	2.1	70
4526	Temporal transitions of spontaneous brain activity. <i>ELife</i> , 2018, 7, .	2.8	36
4527	Frequency-specific alterations of regional homogeneity in subcortical stroke patients with different outcomes in hand function. <i>Human Brain Mapping</i> , 2018, 39, 4373-4384.	1.9	37
4528	Hippocampal-Temporopolar Connectivity Contributes to Episodic Simulation During Social Cognition. <i>Scientific Reports</i> , 2018, 8, 9409.	1.6	14
4529	Connectivity in fMRI: Blind Spots and Breakthroughs. <i>IEEE Transactions on Medical Imaging</i> , 2018, 37, 1537-1550.	5.4	29
4530	Nonlinear neuroplasticity corresponding to sports experience: A voxel-based morphometry and resting-state functional connectivity study. <i>Human Brain Mapping</i> , 2018, 39, 4393-4403.	1.9	14
4531	Ballroom Dancing Promotes Neural Activity in the Sensorimotor System: A Resting-State fMRI Study. <i>Neural Plasticity</i> , 2018, 2018, 1-7.	1.0	17
4532	The Effects of Music Intervention on Functional Connectivity Strength of the Brain in Schizophrenia. <i>Neural Plasticity</i> , 2018, 2018, 1-10.	1.0	24

#	ARTICLE	IF	CITATIONS
4534	Manual laterality and cognition through evolution: An archeological perspective. <i>Progress in Brain Research</i> , 2018, 238, 295-323.	0.9	16
4535	The human cortical autonomic network and volitional exercise in health and disease. <i>Applied Physiology, Nutrition and Metabolism</i> , 2018, 43, 1122-1130.	0.9	16
4536	Decreased resting-state brain signal complexity in patients with mild cognitive impairment and Alzheimer's disease: a multi-scale entropy analysis. <i>Biomedical Optics Express</i> , 2018, 9, 1916.	1.5	58
4537	Tinnitus distress is associated with enhanced resting-state functional connectivity within the default mode network. <i>Neuropsychiatric Disease and Treatment</i> , 2018, Volume 14, 1919-1927.	1.0	32
4538	Combining Non-negative Matrix Factorization and Sparse Coding for Functional Brain Overlapping Community Detection. <i>Cognitive Computation</i> , 2018, 10, 991-1005.	3.6	6
4539	Blindsight relies on a functional connection between hMT+ and the lateral geniculate nucleus, not the pulvinar. <i>PLoS Biology</i> , 2018, 16, e2005769.	2.6	42
4540	Neuroscience of Bilingualism. , 2018, , 91-112.		0
4541	Is deep learning better than kernel regression for functional connectivity prediction of fluid intelligence?. , 2018, , .		18
4542	Dual Process Theory of Thought and Default Mode Network: A Possible Neural Foundation of Fast Thinking. <i>Frontiers in Psychology</i> , 2018, 9, 1237.	1.1	32
4543	Spontaneous Brain Activity Did Not Show the Effect of Violent Video Games on Aggression: A Resting-State fMRI Study. <i>Frontiers in Psychology</i> , 2017, 8, 2219.	1.1	9
4544	Internet Search Alters Intra- and Inter-regional Synchronization in the Temporal Gyrus. <i>Frontiers in Psychology</i> , 2018, 9, 260.	1.1	10
4545	Do Future Limitation Perspective in Cancer Patients Predict Fear of Cancer Recurrence, Mental Distress, and the Ventromedial Prefrontal Cortex Activity?. <i>Frontiers in Psychology</i> , 2018, 9, 420.	1.1	7
4546	Aberrant Neural Activity in Patients With Bipolar Depressive Disorder Distinguishing to the Unipolar Depressive Disorder: A Resting-State Functional Magnetic Resonance Imaging Study. <i>Frontiers in Psychiatry</i> , 2018, 9, 238.	1.3	28
4547	Frequency-specific alterations in the amplitude and synchronization of resting-state spontaneous low-frequency oscillations in benign childhood epilepsy with centrotemporal spikes. <i>Epilepsy Research</i> , 2018, 145, 178-184.	0.8	17
4548	Amplification and Suppression of Distinct Brainwide Activity Patterns by Catecholamines. <i>Journal of Neuroscience</i> , 2018, 38, 7476-7491.	1.7	26
4549	Humans with obesity have disordered brain responses to food images during physiological hyperglycemia. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 314, E522-E529.	1.8	16
4550	GABA Levels in Left and Right Sensorimotor Cortex Correlate across Individuals. <i>Biomedicine</i> , 2018, 6, 80.	1.4	12
4551	Comparison of heritability estimates on resting state fMRI connectivity phenotypes using the ENIGMA analysis pipeline. <i>Human Brain Mapping</i> , 2018, 39, 4893-4902.	1.9	45

#	ARTICLE	IF	CITATIONS
4552	Robust Estimation of Brain Functional Connectivity from Functional Magnetic Resonance Imaging Using Power, Cross-Correlation and Cross-Coherence. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 403-414.	0.5	1
4553	Neuroticism and conscientiousness respectively positively and negatively correlated with the network characteristic path length in dorsal lateral prefrontal cortex: A resting-state <sc>fNIRS</sc> study. <i>Brain and Behavior</i> , 2018, 8, e01074.	1.0	10
4555	Functional MR Imaging. , 2018, , 299-326.		0
4556	Increasing isoflurane dose reduces homotopic correlation and functional segregation of brain networks in mice as revealed by resting-state fMRI. <i>Scientific Reports</i> , 2018, 8, 10591.	1.6	34
4557	Neuromodulation of reinforced skill learning reveals the causal function of prefrontal cortex. <i>Human Brain Mapping</i> , 2018, 39, 4724-4732.	1.9	14
4559	Differences in Cortical Structure and Functional MRI Connectivity in High Functioning Autism. <i>Frontiers in Neurology</i> , 2018, 9, 539.	1.1	64
4560	Concurrent Changes of Brain Functional Connectivity and Motor Variability When Adapting to Task Constraints. <i>Frontiers in Physiology</i> , 2018, 9, 909.	1.3	23
4561	Altered resting-state functional connectivity of the putamen and internal globus pallidus is related to speech impairment in Parkinson's disease. <i>Brain and Behavior</i> , 2018, 8, e01073.	1.0	27
4562	Strength of resting-state functional connectivity associated with performance-adjustment ability. <i>Behavioural Brain Research</i> , 2018, 347, 377-384.	1.2	5
4563	Estimating dynamic brain functional networks using multi-subject fMRI data. <i>NeuroImage</i> , 2018, 183, 635-649.	2.1	22
4564	Multiple Frequency Bands Analysis of Large Scale Intrinsic Brain Networks and Its Application in Schizotypal Personality Disorder. <i>Frontiers in Computational Neuroscience</i> , 2018, 12, 64.	1.2	14
4565	Age-Dependent Modulations of Resting State Connectivity Following Motor Practice. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 25.	1.7	31
4566	Altered Brain Functional Hubs and Connectivity in Type 2 Diabetes Mellitus Patients: A Resting-State fMRI Study. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 55.	1.7	38
4567	Resting-State Functional Connectivity Predicts Cognitive Impairment Related to Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 94.	1.7	75
4568	Altered Functional Connectivity of Insular Subregions in Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 107.	1.7	56
4569	Reduced Dynamic Coupling Between Spontaneous BOLD-CBF Fluctuations in Older Adults: A Dual-Echo pCASL Study. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 115.	1.7	17
4570	Noradrenergic Dysfunction in Alzheimer's and Parkinson's Diseases – An Overview of Imaging Studies. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 127.	1.7	48
4571	The Influence of Preprocessing Steps on Graph Theory Measures Derived from Resting State fMRI. <i>Frontiers in Computational Neuroscience</i> , 2018, 12, 8.	1.2	29

#	ARTICLE	IF	CITATIONS
4572	Structural and Functional Brain Mapping Correlates of Impaired Eye Movement Control in Parkinsonian Syndromes: A Systems-Based Concept. <i>Frontiers in Neurology</i> , 2018, 9, 319.	1.1	9
4573	Longitudinal Changes of Caudate-Based Resting State Functional Connectivity in Mild Traumatic Brain Injury. <i>Frontiers in Neurology</i> , 2018, 9, 467.	1.1	13
4574	EEG-Informed fMRI: A Review of Data Analysis Methods. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 29.	1.0	115
4575	Effective Connectivity in Response to Posture Changes in Elderly Subjects as Assessed Using Functional Near-Infrared Spectroscopy. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 98.	1.0	17
4576	Whole Brain Functional Connectivity Pattern Homogeneity Mapping. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 164.	1.0	12
4577	Generation of Individual Whole-Brain Atlases With Resting-State fMRI Data Using Simultaneous Graph Computation and Parcellation. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 166.	1.0	7
4578	IClinfMRI Software for Integrating Functional MRI Techniques in Presurgical Mapping and Clinical Studies. <i>Frontiers in Neuroinformatics</i> , 2018, 12, 11.	1.3	11
4579	PAIR Comparison between Two Within-Group Conditions of Resting-State fMRI Improves Classification Accuracy. <i>Frontiers in Neuroscience</i> , 2018, 11, 740.	1.4	18
4580	Combined rTMS/fMRI Studies: An Overlooked Resource in Animal Models. <i>Frontiers in Neuroscience</i> , 2018, 12, 180.	1.4	14
4581	Study of Resting-State Functional Connectivity Networks Using EEG Electrodes Position As Seed. <i>Frontiers in Neuroscience</i> , 2018, 12, 235.	1.4	73
4582	An Algorithm for Preclinical Diagnosis of Alzheimer's Disease. <i>Frontiers in Neuroscience</i> , 2018, 12, 275.	1.4	38
4583	Sparse Estimation of Resting-State Effective Connectivity From fMRI Cross-Spectra. <i>Frontiers in Neuroscience</i> , 2018, 12, 287.	1.4	5
4584	A New Analysis of Resting State Connectivity and Graph Theory Reveals Distinctive Short-Term Modulations due to Whisker Stimulation in Rats. <i>Frontiers in Neuroscience</i> , 2018, 12, 334.	1.4	11
4585	Neurophysiological Basis of Multi-Scale Entropy of Brain Complexity and Its Relationship With Functional Connectivity. <i>Frontiers in Neuroscience</i> , 2018, 12, 352.	1.4	90
4586	Cortical Statistical Correlation Tomography of EEG Resting State Networks. <i>Frontiers in Neuroscience</i> , 2018, 12, 365.	1.4	12
4587	A Strategy to Reduce Bias of Entropy Estimates in Resting-State fMRI Signals. <i>Frontiers in Neuroscience</i> , 2018, 12, 398.	1.4	26
4588	Resting-State Functional Magnetic Resonance Imaging and Probabilistic Diffusion Tensor Imaging Demonstrate That the Greatest Functional and Structural Connectivity in the Hand Motor Homunculus Occurs in the Area of the Thumb. <i>Brain Connectivity</i> , 2018, 8, 371-379.	0.8	6
4589	Brain Connectivity Networks and the Aesthetic Experience of Music. <i>Brain Sciences</i> , 2018, 8, 107.	1.1	41

#	ARTICLE	IF	CITATIONS
4590	What We Know About the Brain Structureâ€“Function Relationship. Behavioral Sciences (Basel), Tj ETQq0 0 0 rgBT, /Overlock, 10 Tf 50 7	1.0	98
4591	The model order limit: Deep sparse factorization for resting brain. , 2018, , .		7
4592	Transdermal optical imaging revealed different spatiotemporal patterns of facial cardiovascular activities. Scientific Reports, 2018, 8, 10588.	1.6	22
4593	Preoperative Mapping of the Supplementary Motor Area in Patients with Brain Tumor Using Resting-State fMRI with Seed-Based Analysis. American Journal of Neuroradiology, 2018, 39, 1493-1498.	1.2	18
4594	Network Approaches to Understand Individual Differences in Brain Connectivity: Opportunities for Personality Neuroscience. Personality Neuroscience, 2018, 1, .	1.3	38
4595	Intrinsic overlapping modular organization of human brain functional networks revealed by a multiobjective evolutionary algorithm. NeuroImage, 2018, 181, 430-445.	2.1	16
4596	Mapping stress networks using functional magnetic resonance imaging in awake animals. Neurobiology of Stress, 2018, 9, 251-263.	1.9	27
4597	Circadian challenge of astronautsâ€™ unconscious mind adapting to microgravity in space, estimated by heart rate variability. Scientific Reports, 2018, 8, 10381.	1.6	17
4598	<i>Colloquium</i>: Criticality and dynamical scaling in living systems. Reviews of Modern Physics, 2018, 90, .	16.4	336
4599	Plasticity based on compensatory effector use in the association but not primary sensorimotor cortex of people born without hands. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 7801-7806.	3.3	36
4600	Visual perceptual training reconfigures post-task resting-state functional connectivity with a feature-representation region. PLoS ONE, 2018, 13, e0196866.	1.1	16
4601	Topological analyses of functional connectomics: A crucial role of global signal removal, brain parcellation, and null models. Human Brain Mapping, 2018, 39, 4545-4564.	1.9	35
4602	Fused lasso regression for identifying differential correlations in brain connectome graphs. Statistical Analysis and Data Mining, 2018, 11, 203-226.	1.4	3
4603	Pretherapeutic Motor Thalamus Resting-State Functional Connectivity with Visual Areas Predicts Tremor Arrest After Thalamotomy for Essential Tremor: Tracing the Cerebello-thalamo-visuo-motor Network. World Neurosurgery, 2018, 117, e438-e449.	0.7	11
4604	Resting state fMRI reveals the altered synchronization of BOLD signals in essential tremor. Journal of the Neurological Sciences, 2018, 392, 69-76.	0.3	10
4605	Structural Brain Network Mining Based on Core Theory. , 2018, , .		2
4606	Mapping the small-world properties of brain networks in Chinese to English simultaneous interpreting by using functional near-infrared spectroscopy. Journal of Innovative Optical Health Sciences, 2018, 11, .	0.5	11
4607	Adjusting for Confounders in Cross-correlation Analysis: an Application to Resting State Networks. Sankhya B, 2018, 80, 123-150.	0.4	0

#	ARTICLE	IF	CITATIONS
4608	Rodent Cerebral Blood Volume (CBV) changes during hypercapnia observed using Magnetic Particle Imaging (MPI) detection. <i>NeuroImage</i> , 2018, 178, 713-720.	2.1	39
4609	Spatio-temporal dynamics of resting-state brain networks improve single-subject prediction of schizophrenia diagnosis. <i>Human Brain Mapping</i> , 2018, 39, 3663-3681.	1.9	32
4610	Individualized prediction of trait narcissism from whole-brain resting-state functional connectivity. <i>Human Brain Mapping</i> , 2018, 39, 3701-3712.	1.9	49
4611	Development of brain-wide connectivity architecture in awake rats. <i>NeuroImage</i> , 2018, 176, 380-389.	2.1	23
4612	Network Neuroscience and Personality. <i>Personality Neuroscience</i> , 2018, 1, e14.	1.3	46
4613	Test-retest reliability of dynamic functional connectivity in resting state fMRI. <i>NeuroImage</i> , 2018, 183, 907-918.	2.1	58
4614	Cognitive computational neuroscience. <i>Nature Neuroscience</i> , 2018, 21, 1148-1160.	7.1	266
4615	Decreased Connection Between Reward Systems and Paralimbic Cortex in Depressive Patients. <i>Frontiers in Neuroscience</i> , 2018, 12, 462.	1.4	16
4616	Comparing brain connectivity metrics: a didactic tutorial with a toy model and experimental data. <i>Journal of Neural Engineering</i> , 2018, 15, 056031.	1.8	10
4617	Structural and functional brain imaging in acute HIV. <i>NeuroImage: Clinical</i> , 2018, 20, 327-335.	1.4	34
4618	In-Vivo mapping of brainstem nuclei functional connectivity disruption in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2018, 72, 72-82.	1.5	58
4619	A Heartbeat Away From Consciousness: Heart Rate Variability Entropy Can Discriminate Disorders of Consciousness and Is Correlated With Resting-State fMRI Brain Connectivity of the Central Autonomic Network. <i>Frontiers in Neurology</i> , 2018, 9, 769.	1.1	48
4620	Voxel-wise detection of functional networks in white matter. <i>NeuroImage</i> , 2018, 183, 544-552.	2.1	53
4621	Neural correlates of video game empathy training in adolescents: a randomized trial. <i>Npj Science of Learning</i> , 2018, 3, 13.	1.5	29
4622	Reliable individual differences in fine-grained cortical functional architecture. <i>NeuroImage</i> , 2018, 183, 375-386.	2.1	59
4623	Brain-computer-interface-based intervention re-normalizes brain functional network topology in children with attention deficit/hyperactivity disorder. <i>Translational Psychiatry</i> , 2018, 8, 149.	2.4	53
4624	The Role of Brain Connectome Imaging in the Estimation of Depressive Relapse Risk. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2018, 190, 1036-1043.	0.7	3
4625	Altered topology of the functional speech production network in non-fluent/agrammatic variant of PPA. <i>Cortex</i> , 2018, 108, 252-264.	1.1	41

#	ARTICLE	IF	CITATIONS
4626	Brain network alterations of mesial temporal lobe epilepsy with cognitive dysfunction following anterior temporal lobectomy. <i>Epilepsy and Behavior</i> , 2018, 87, 123-130.	0.9	8
4627	Spatio-Temporal Dynamics of Intrinsic Networks in Functional Magnetic Imaging Data Using Recurrent Neural Networks. <i>Frontiers in Neuroscience</i> , 2018, 12, 600.	1.4	14
4628	BRANT: A Versatile and Extendable Resting-State fMRI Toolkit. <i>Frontiers in Neuroinformatics</i> , 2018, 12, 52.	1.3	60
4629	Investigation on the Neural Mechanism of Hypnosis-Based Respiratory Control Using Functional MRI. <i>Contrast Media and Molecular Imaging</i> , 2018, 2018, 1-11.	0.4	16
4630	Distinction Between Variability-Based Modulation and Mean-Based Activation Revealed by BOLD-fMRI and Eyes-Open/Eyes-Closed Contrast. <i>Frontiers in Neuroscience</i> , 2018, 12, 516.	1.4	9
4631	Establishing the cognitive signature of human brain networks derived from structural and functional connectivity. <i>Brain Structure and Function</i> , 2018, 223, 4023-4038.	1.2	20
4632	Wavelet-based method for removing global physiological noise in functional near-infrared spectroscopy. <i>Biomedical Optics Express</i> , 2018, 9, 3805.	1.5	56
4633	The vast potential and bright future of neuroimaging. <i>British Journal of Radiology</i> , 2018, 91, 20170505.	1.0	8
4634	Diminished neural network dynamics in amnesic mild cognitive impairment. <i>International Journal of Psychophysiology</i> , 2018, 130, 63-72.	0.5	11
4635	An approach to directly link ICA and seed-based functional connectivity: Application to schizophrenia. <i>NeuroImage</i> , 2018, 179, 448-470.	2.1	41
4636	Classify autism and control based on deep learning and community structure on resting-state fMRI. , 2018, , .		13
4637	Consciousness in a multilevel architecture: Evidence from the right side of the brain. <i>Consciousness and Cognition</i> , 2018, 64, 227-239.	0.8	21
4638	Spatial sparsification and low rank projection for fast analysis of multi-subject resting state fMRI data. , 2018, , .		5
4639	The Neuroimaging of Brain Diseases. <i>Contemporary Clinical Neuroscience</i> , 2018, , .	0.3	1
4640	Functional Connectivity in Dementia. , 2018, , 245-266.		2
4641	Erroneous Resting-State fMRI Connectivity Maps Due to Prolonged Arterial Arrival Time and How to Fix Them. <i>Brain Connectivity</i> , 2018, 8, 362-370.	0.8	19
4642	Detection of fast oscillating magnetic fields using dynamic multiple TR imaging and Fourier analysis. <i>PLoS ONE</i> , 2018, 13, e0189916.	1.1	2
4643	Scholastic performance and functional connectivity of brain networks in children. <i>PLoS ONE</i> , 2018, 13, e0190073.	1.1	26

#	ARTICLE	IF	CITATIONS
4644	Origin of slow spontaneous resting-state neuronal fluctuations in brain networks. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 6858-6863.	3.3	56
4645	A common polymorphism on the oxytocin receptor gene (rs2268498) and resting-state functional connectivity of amygdala subregions - A genetic imaging study. NeuroImage, 2018, 179, 1-10.	2.1	19
4646	Resting-State Functional Connectivity Underlying Costly Punishment: A Machine-Learning Approach. Neuroscience, 2018, 385, 25-37.	1.1	20
4647	Beyond the limbic system: disruption and functional compensation of large-scale brain networks in patients with anti-LGI1 encephalitis. Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, 1191-1199.	0.9	48
4648	Global PDF-based temporal non-local means filtering reveals individual differences in brain connectivity. , 2018, 2018, 15-19.		10
4649	The Neuroimaging of Stroke: Structural and Functional Advances. Contemporary Clinical Neuroscience, 2018, , 81-91.	0.3	0
4650	The Neuroscience of Reasoning. , 2018, , 41-69.		1
4651	Effect sizes of BOLD CVR, resting-state signal fluctuations and time delay measures for the assessment of hemodynamic impairment in carotid occlusion patients. NeuroImage, 2018, 179, 530-539.	2.1	20
4652	Identify abnormalities in resting-state brain function between first-episode, drug-naive major depressive disorder and remitted individuals. NeuroReport, 2018, 29, 907-916.	0.6	21
4653	Frequency and amplitude modulation of resting-state fMRI signals and their functional relevance in normal aging. Neurobiology of Aging, 2018, 70, 59-69.	1.5	25
4654	Spatial Topography of Individual-Specific Cortical Networks Predicts Human Cognition, Personality, and Emotion. Cerebral Cortex, 2019, 29, 2533-2551.	1.6	430
4655	Graph theoretical modeling of baby brain networks. NeuroImage, 2019, 185, 711-727.	2.1	65
4656	Alterations of Parenchymal Microstructure, Neuronal Connectivity, and Cerebrovascular Resistance at Adolescence after Mild-to-Moderate Traumatic Brain Injury in Early Development. Journal of Neurotrauma, 2019, 36, 601-608.	1.7	11
4657	Emergent Functional Network Effects in Parkinson Disease. Cerebral Cortex, 2019, 29, 2509-2523.	1.6	56
4658	Toward Task Connectomics: Examining Whole-Brain Task Modulated Connectivity in Different Task Domains. Cerebral Cortex, 2019, 29, 1572-1583.	1.6	67
4659	Arithmetic learning modifies the functional connectivity of the fronto-parietal network. Cortex, 2019, 111, 51-62.	1.1	11
4660	Human non-REM sleep and the mean global BOLD signal. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 2210-2222.	2.4	20
4661	Functional and structural plasticity following action observation training in multiple sclerosis. Multiple Sclerosis Journal, 2019, 25, 1472-1487.	1.4	26

#	ARTICLE	IF	CITATIONS
4662	Linear scalar-on-surface random effects regression models. <i>Journal of Applied Statistics</i> , 2019, 46, 508-521.	0.6	0
4663	Neonatal brain injury and aberrant connectivity. <i>NeuroImage</i> , 2019, 185, 609-623.	2.1	58
4664	Evaluating the Prediction of Brain Maturity From Functional Connectivity After Motion Artifact Denoising. <i>Cerebral Cortex</i> , 2019, 29, 2455-2469.	1.6	73
4665	Classifying and characterizing nicotine use disorder with high accuracy using machine learning and resting-state <scp>fMRI</scp>. <i>Addiction Biology</i> , 2019, 24, 811-821.	1.4	34
4666	Microstructure-Informed Connectomics: Enriching Large-Scale Descriptions of Healthy and Diseased Brains. <i>Brain Connectivity</i> , 2019, 9, 113-127.	0.8	50
4667	Functional connectivity in distinct cognitive subtypes in psychosis. <i>Schizophrenia Research</i> , 2019, 204, 120-126.	1.1	22
4668	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.	1.6	22
4669	Reappraisal of Interpersonal Criticism in Social Anxiety Disorder: A Brain Network Hierarchy Perspective. <i>Cerebral Cortex</i> , 2019, 29, 3154-3167.	1.6	10
4670	Behavioral and Health Correlates of Resting-State Metastability in the Human Connectome Project. <i>Brain Topography</i> , 2019, 32, 80-86.	0.8	17
4671	Longitudinal Resting State Functional Connectivity Predicts Clinical Outcome in Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2019, 36, 650-660.	1.7	45
4672	Resting-state functional MRI studies on infant brains: A decade of gap-filling efforts. <i>NeuroImage</i> , 2019, 185, 664-684.	2.1	91
4673	Tensor Based Temporal and Multilayer Community Detection for Studying Brain Dynamics During Resting State fMRI. <i>IEEE Transactions on Biomedical Engineering</i> , 2019, 66, 695-709.	2.5	32
4674	Does brain functional connectivity contribute to musculoskeletal injury? A preliminary prospective analysis of a neural biomarker of ACL injury risk. <i>Journal of Science and Medicine in Sport</i> , 2019, 22, 169-174.	0.6	39
4675	Multidimensional imaging techniques for prediction of treatment response in major depressive disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 91, 38-48.	2.5	10
4676	Abnormalities of regional homogeneity and its correlation with clinical symptoms in Naïve patients with first-episode schizophrenia. <i>Brain Imaging and Behavior</i> , 2019, 13, 503-513.	1.1	37
4677	Functional neural correlates of facial affect recognition impairment following TBI. <i>Brain Imaging and Behavior</i> , 2019, 13, 526-540.	1.1	9
4678	Global connectivity of the fronto-parietal cognitive control network is related to depression symptoms in the general population. <i>Network Neuroscience</i> , 2019, 3, 107-123.	1.4	65
4679	The Benefit of Slice Timing Correction in Common fMRI Preprocessing Pipelines. <i>Frontiers in Neuroscience</i> , 2019, 13, 821.	1.4	24

#	ARTICLE	IF	CITATIONS
4680	Brain functional connectivity in individuals with callosotomy and agenesis of the corpus callosum: A systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 105, 231-248.	2.9	30
4681	Reorganization of brain networks and its association with general cognitive performance over the adult lifespan. <i>Scientific Reports</i> , 2019, 9, 11352.	1.6	66
4682	Altered Functional Brain Network Integration, Segregation, and Modularity in Infants Born Very Preterm at Term-Equivalent Age. <i>Journal of Pediatrics</i> , 2019, 213, 13-21.e1.	0.9	38
4683	Altered Functional Connectivity in Patients With Sloping Sensorineural Hearing Loss. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 284.	1.0	18
4684	Abnormal spontaneous neural activity in the medial prefrontal cortex and right superior temporal gyrus correlates with anhedonia severity in obsessive-compulsive disorder. <i>Journal of Affective Disorders</i> , 2019, 259, 47-55.	2.0	25
4685	Classification of social anhedonia using temporal and spatial network features from a social cognition fMRI task. <i>Human Brain Mapping</i> , 2019, 40, 4965-4981.	1.9	12
4686	Resting State fMRI: Going Through the Motions. <i>Frontiers in Neuroscience</i> , 2019, 13, 825.	1.4	55
4687	Decreased Cross-Domain Mutual Information in Schizophrenia From Dynamic Connectivity States. <i>Frontiers in Neuroscience</i> , 2019, 13, 873.	1.4	11
4688	Hyperbaric Oxygenation Effects on Human Brain In Vivo: 1H MRS and Resting-State fMRI Study. <i>Applied Magnetic Resonance</i> , 2019, 50, 1191-1203.	0.6	4
4689	Altered Spontaneous Brain Activity of Children with Unilateral Amblyopia: A Resting State fMRI Study. <i>Neural Plasticity</i> , 2019, 2019, 1-10.	1.0	17
4690	Genetic and environmental influences on functional connectivity within and between canonical cortical resting-state networks throughout adolescent development in boys and girls. <i>NeuroImage</i> , 2019, 202, 116073.	2.1	54
4691	Aberrant regional homogeneity in post-traumatic stress disorder after traffic accident: A resting-state functional MRI study. <i>NeuroImage: Clinical</i> , 2019, 24, 101951.	1.4	8
4692	Graphical Models and Dynamic Latent Factors for Modeling Functional Brain Connectivity. , 2019, , .		12
4693	Resting-state neural activity and connectivity associated with subjective happiness. <i>Scientific Reports</i> , 2019, 9, 12098.	1.6	24
4694	Characterizing the Dynamical Complexity Underlying Meditation. <i>Frontiers in Systems Neuroscience</i> , 2019, 13, 27.	1.2	31
4695	Brain Molecular Connectivity in Neurodegenerative Diseases: Recent Advances and New Perspectives Using Positron Emission Tomography. <i>Frontiers in Neuroscience</i> , 2019, 13, 617.	1.4	54
4696	Altered Functional Connectivity Between the Cerebellum and the Cortico-Striato-Thalamo-Cortical Circuit in Obsessive-Compulsive Disorder. <i>Frontiers in Psychiatry</i> , 2019, 10, 522.	1.3	31
4697	Functional and Anatomical Connectivity of the Brain in Poststroke Aphasia. <i>Neuroscience and Behavioral Physiology</i> , 2019, 49, 679-685.	0.2	1

#	ARTICLE	IF	CITATIONS
4698	Fetal and neonatal neuroimaging. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2019, 162, 67-103.	1.0	21
4699	Evaluation of the spatial variability in the major resting-state networks across human brain functional atlases. Human Brain Mapping, 2019, 40, 4577-4587.	1.9	69
4700	Reliability evaluation on weighted graph metrics of fNIRS brain networks. Quantitative Imaging in Medicine and Surgery, 2019, 9, 832-841.	1.1	15
4701	Thalamic low frequency activity facilitates resting-state cortical interhemispheric MRI functional connectivity. NeuroImage, 2019, 201, 115985.	2.1	17
4702	Non-linear spelling in writing after a pure cerebellar lesion.. Neuropsychologia, 2019, 132, 107143.	0.7	5
4703	Precision neuroradiology: mapping the nodes and networks that link genes to behaviour. British Journal of Radiology, 2019, 92, 20190093.	1.0	3
4704	Resting-state fMRI Networks in Children with Tuberous Sclerosis Complex. Journal of Neuroimaging, 2019, 29, 750-759.	1.0	6
4705	The functional interaction of the brain default network with motor networks is modified by aging. Behavioural Brain Research, 2019, 372, 112048.	1.2	13
4706	Cognitive reward control recruits medial and lateral frontal cortices, which are also involved in cognitive emotion regulation: A coordinate-based meta-analysis of fMRI studies. NeuroImage, 2019, 200, 659-673.	2.1	54
4707	Altered Whole-Brain Functional Topological Organization and Cognitive Function in Type 2 Diabetes Mellitus Patients. Frontiers in Neurology, 2019, 10, 599.	1.1	29
4708	Frequency-specific effects of low-intensity rTMS can persist for up to 2 weeks post-stimulation: A longitudinal rs-fMRI/MRS study in rats. Brain Stimulation, 2019, 12, 1526-1536.	0.7	24
4709	Disruption of resting-state functional connectivity of right posterior insula in adolescents and young adults with major depressive disorder. Journal of Affective Disorders, 2019, 257, 23-30.	2.0	33
4710	Simultaneous metabolic and functional imaging of the brain using SPICE. Magnetic Resonance in Medicine, 2019, 82, 1993-2002.	1.9	14
4711	Advanced neuroimaging methods for assessment of low-level light therapy. , 2019, , 363-375.		0
4712	Altered Static and Temporal Dynamic Amplitude of Low-Frequency Fluctuations in the Background Network During Working Memory States in Mild Cognitive Impairment. Frontiers in Aging Neuroscience, 2019, 11, 152.	1.7	22
4713	Abnormal Regional Homogeneity in Patients With Obsessive-Compulsive Disorder and Their Unaffected Siblings: A Resting-State fMRI Study. Frontiers in Psychiatry, 2019, 10, 452.	1.3	20
4714	CCNET: Cascading Convolutions for Cardiac Segmentation. Lecture Notes in Computer Science, 2019, , 3-11.	1.0	0
4715	Nuisance effects in inter-scan functional connectivity estimates before and after nuisance regression. NeuroImage, 2019, 202, 116005.	2.1	3

#	ARTICLE	IF	CITATIONS
4716	A graph representation of functional diversity of brain regions. <i>Brain and Behavior</i> , 2019, 9, e01358.	1.0	7
4717	Group-fused multivariate regression modeling for group-level brain networks. <i>Neurocomputing</i> , 2019, 363, 140-148.	3.5	4
4718	Uncovering multi-site identifiability based on resting-state functional connectomes. <i>NeuroImage</i> , 2019, 202, 115967.	2.1	41
4719	Infraslow coordination of slow wave activity through altered neuronal synchrony. <i>Sleep</i> , 2019, 42, .	0.6	3
4720	Peculiarities of Functional Connectivityâ€”including Cross-Modal Patternsâ€”in Professional Karate Athletes: Correlations with Cognitive and Motor Performances. <i>Neural Plasticity</i> , 2019, 2019, 1-14.	1.0	30
4721	Modeling the Switching Behavior of Functional Connectivity Microstates (FC ^{1/4} states) as a Novel Biomarker for Mild Cognitive Impairment. <i>Frontiers in Neuroscience</i> , 2019, 13, 542.	1.4	7
4722	The epileptic network and cognition: What functional connectivity is teaching us about the childhood epilepsies. <i>Epilepsia</i> , 2019, 60, 1491-1507.	2.6	18
4723	Localized Connectivity in Obsessive-Compulsive Disorder: An Investigation Combining Univariate and Multivariate Pattern Analyses. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 122.	1.0	20
4724	Reduced Interhemispheric Functional Connectivity in Obsessiveâ€”Compulsive Disorder Patients. <i>Frontiers in Psychiatry</i> , 2019, 10, 418.	1.3	21
4725	Impact of sampling rate on statistical significance for single subject fMRI connectivity analysis. <i>Human Brain Mapping</i> , 2019, 40, 3321-3337.	1.9	12
4726	Methods for analysis of brain connectivity: An IFCN-sponsored review. <i>Clinical Neurophysiology</i> , 2019, 130, 1833-1858.	0.7	106
4727	Poster Viewing Sessions PB01-B01 to PB03-V09. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 167-523.	2.4	7
4728	Individual Differences in Brain Structure and Resting Brain Function Underlie Representation-Connection in Scientific Problem Solving. <i>Creativity Research Journal</i> , 2019, 31, 132-148.	1.7	3
4729	Lesion Studies in Contemporary Neuroscience. <i>Trends in Cognitive Sciences</i> , 2019, 23, 653-671.	4.0	128
4730	Tasked-Based Functional Brain Connectivity in Multisensory Control of Wrist Movement After Stroke. <i>Frontiers in Neurology</i> , 2019, 10, 609.	1.1	10
4731	Differing Spontaneous Brain Activity in Healthy Adults with Two Different Body Constitutions: A Resting-State Functional Magnetic Resonance Imaging Study. <i>Journal of Clinical Medicine</i> , 2019, 8, 951.	1.0	5
4732	MR Imaging of Normal Brain Development. <i>Neuroimaging Clinics of North America</i> , 2019, 29, 325-337.	0.5	12
4733	A New Approach for Functional Connectivity via Alignment of Blood Oxygen Level-Dependent Signals. <i>Brain Connectivity</i> , 2019, 9, 464-474.	0.8	4

#	ARTICLE	IF	CITATIONS
4734	Exploring the functional connectome in white matter. <i>Human Brain Mapping</i> , 2019, 40, 4331-4344.	1.9	76
4735	Trait-like variants in human functional brain networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 22851-22861.	3.3	153
4736	Altered Resting-State Functional Connectivity in Wernicke's Encephalopathy With Vestibular Impairment. <i>Frontiers in Neurology</i> , 2019, 10, 1035.	1.1	1
4737	<p>Abnormal intrinsic functional activity in patients with cervical spondylotic myelopathy a resting state fMRI study</p>. <i>Neuropsychiatric Disease and Treatment</i> , 2019, Volume 15, 2371-2383.	1.0	17
4738	Brainstem Modulation of Large-Scale Intrinsic Cortical Activity Correlations. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 340.	1.0	54
4739	Brain Networks Underlying Eyeâ€™s Pupil Dynamics. <i>Frontiers in Neuroscience</i> , 2019, 13, 965.	1.4	42
4740	Traumatic brain injury and frontal lobe plasticity. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2019, 163, 411-431.	1.0	9
4741	Connectomics in NeuroImaging. <i>Lecture Notes in Computer Science</i> , 2019, , .	1.0	0
4743	Clustering of the structures by using â€™snakes-&dragonsâ€™ approach, or correlation matrix as a signal. <i>PLoS ONE</i> , 2019, 14, e0223267.	1.1	2
4744	Multivariate Pattern Classification of Primary Insomnia Using Three Types of Functional Connectivity Features. <i>Frontiers in Neurology</i> , 2019, 10, 1037.	1.1	19
4745	Task-evoked Negative BOLD Response and Functional Connectivity in the Default Mode Network are Representative of Two Overlapping but Separate Neurophysiological Processes. <i>Scientific Reports</i> , 2019, 9, 14473.	1.6	21
4746	Spatiotemporal Empirical Mode Decomposition of Resting-State fMRI Signals: Application to Global Signal Regression. <i>Frontiers in Neuroscience</i> , 2019, 13, 736.	1.4	8
4747	Disrupted Intraregional Brain Activity and Functional Connectivity in Unilateral Acute Tinnitus Patients With Hearing Loss. <i>Frontiers in Neuroscience</i> , 2019, 13, 1010.	1.4	24
4748	Aberrant patterns of defaultâ€™mode network functional connectivity associated with metabolic syndrome: A restingâ€™state study. <i>Brain and Behavior</i> , 2019, 9, e01333.	1.0	19
4749	Towards a Universal Taxonomy of Macro-scale Functional Human Brain Networks. <i>Brain Topography</i> , 2019, 32, 926-942.	0.8	401
4750	Restingâ€™state functional connectivity modulates the BOLD activation induced by nucleus accumbens stimulation in the swine brain. <i>Brain and Behavior</i> , 2019, 9, e01431.	1.0	11
4751	Functional connectivity underlying hedonic response to food in female adolescents with atypical AN: the role of somatosensory and salience networks. <i>Translational Psychiatry</i> , 2019, 9, 276.	2.4	7
4752	Intrinsic Functional Connectivity is Organized as Three Interdependent Gradients. <i>Scientific Reports</i> , 2019, 9, 15976.	1.6	27

#	ARTICLE	IF	CITATIONS
4753	Studying Cortical Plasticity in Ophthalmic and Neurological Disorders: From Stimulus-Driven to Cortical Circuitry Modeling Approaches. <i>Neural Plasticity</i> , 2019, 2019, 1-12.	1.0	8
4754	The Salience Network: A Neural System for Perceiving and Responding to Homeostatic Demands. <i>Journal of Neuroscience</i> , 2019, 39, 9878-9882.	1.7	379
4756	Aging Reduces the Functional Brain Networks Strength—a Resting State fMRI Study of Healthy Mouse Brain. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 277.	1.7	19
4757	Reconstructing Cortical Intrinsic Connectivity Networks Using a Regression Method Combining EEG Data from Sensor and Source Levels. , 2019, 2019, 1698-1701.		2
4758	The Impact of the Geometric Correction Scheme on MEG Functional Topology at Rest. <i>Frontiers in Neuroscience</i> , 2019, 13, 1114.	1.4	15
4759	The Relationship Between Local Field Potentials and the Blood-Oxygenation-Level Dependent MRI Signal Can Be Non-linear. <i>Frontiers in Neuroscience</i> , 2019, 13, 1126.	1.4	9
4760	Origins of the Resting-State Functional MRI Signal: Potential Limitations of the “Neurocentric” Model. <i>Frontiers in Neuroscience</i> , 2019, 13, 1136.	1.4	32
4761	Multi-modal MRI Reveals the Neurovascular Coupling Dysfunction in Chronic Migraine. <i>Neuroscience</i> , 2019, 419, 72-82.	1.1	27
4762	The Relationship between Trial-by-Trial Variability and Oscillations of Cortical Population Activity. <i>Scientific Reports</i> , 2019, 9, 16901.	1.6	13
4763	Resting-state functional magnetic resonance imaging versus task-based activity for language mapping and correlation with perioperative cortical mapping. <i>Brain and Behavior</i> , 2019, 9, e01362.	1.0	33
4764	Resting-State Functional Magnetic Resonance Imaging for Brain Tumor Surgical Planning: Feasibility in Clinical Setting. <i>World Neurosurgery</i> , 2019, 131, 356-363.	0.7	12
4765	Modulation of Distinct Intrinsic Resting State Brain Networks by Acute Exercise Bouts of Differing Intensity. <i>Brain Plasticity</i> , 2019, 5, 39-55.	1.9	45
4766	Premorbid Alterations of Spontaneous Brain Activity in Elderly Patients With Early Post-operative Cognitive Dysfunction: A Pilot Resting-State Functional MRI Study. <i>Frontiers in Neurology</i> , 2019, 10, 1062.	1.1	7
4767	Hemodynamic Correlates of Electrophysiological Activity in the Default Mode Network. <i>Frontiers in Neuroscience</i> , 2019, 13, 1060.	1.4	42
4768	Evaluation of Altered Functional Connections in Male Children With Autism Spectrum Disorders on Multiple-Site Data Optimized With Machine Learning. <i>Frontiers in Psychiatry</i> , 2019, 10, 620.	1.3	25
4769	Dual-Tuned Monopole/Loop Coil Array for Concurrent RF Excitation and Reception Capability for MRI. <i>Journal of the Korean Physical Society</i> , 2019, 75, 610-616.	0.3	6
4770	Links Between the Amplitude Modulation of Low-Frequency Spontaneous Fluctuation Across Resting State Conditions and Thalamic Functional Connectivity. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 199.	1.0	2
4771	Low Frequency Systemic Hemodynamic “Noise” in Resting State BOLD fMRI: Characteristics, Causes, Implications, Mitigation Strategies, and Applications. <i>Frontiers in Neuroscience</i> , 2019, 13, 787.	1.4	122

#	ARTICLE	IF	CITATIONS
4772	Power spectrum of resting-state blood-oxygen-level-dependent signal. <i>Physical Review E</i> , 2019, 100, 022418.	0.8	7
4774	Temporally intermittent communities in brain fMRI correlation networks. <i>Applied Network Science</i> , 2019, 4, .	0.8	2
4775	Thalamocortical Connection Topography Mapping in Human by Co-clustering. <i>Journal of Physics: Conference Series</i> , 2019, 1229, 012071.	0.3	2
4776	Neuroimaging assessment in Down syndrome: a pictorial review. <i>Insights Into Imaging</i> , 2019, 10, 52.	1.6	35
4777	Bold Signal Deconvolution Under Uncertain H _A †Modynamics: A Semi-Blind Approach. , 2019, , .		1
4778	Structural Disconnections Explain Brain Network Dysfunction after Stroke. <i>Cell Reports</i> , 2019, 28, 2527-2540.e9.	2.9	129
4779	Increased functional connectivity of thalamic subdivisions in patients with Parkinsonâ€™s disease. <i>PLoS ONE</i> , 2019, 14, e0222002.	1.1	20
4780	Abnormalities within and beyond the cortico-striato-thalamo-cortical circuitry in medication-free patients with OCD revealed by the fractional amplitude of low-frequency fluctuations and resting-state functional connectivity. <i>Neuroscience Letters</i> , 2019, 712, 134449.	1.0	18
4781	Functional Connectivity Signatures of Parkinsonâ€™s Disease. <i>Journal of Parkinson's Disease</i> , 2019, 9, 637-652.	1.5	79
4782	Microglia-Triggered Plasticity of Intrinsic Excitability Modulates Psychomotor Behaviors in Acute Cerebellar Inflammation. <i>Cell Reports</i> , 2019, 28, 2923-2938.e8.	2.9	78
4783	Hub Patterns-Based Detection of Dynamic Functional Network Metastates in Resting State: A Test-Retest Analysis. <i>Frontiers in Neuroscience</i> , 2019, 13, 856.	1.4	3
4784	Impairments of large-scale functional networks in attention-deficit/hyperactivity disorder: a meta-analysis of resting-state functional connectivity. <i>Psychological Medicine</i> , 2019, 49, 2475-2485.	2.7	95
4785	Robust automated computational approach for classifying frontotemporal neurodegeneration: Multimodal/multicenter neuroimaging. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019, 11, 588-598.	1.2	31
4786	Resting-State-Based Spatial Filtering for an fNIRS-Based Motor Imagery Brain-Computer Interface. <i>IEEE Access</i> , 2019, 7, 120603-120615.	2.6	10
4787	Segregated precuneus network and default mode network in naturalistic imaging. <i>Brain Structure and Function</i> , 2019, 224, 3133-3144.	1.2	20
4788	A decade of test-retest reliability of functional connectivity: A systematic review and meta-analysis. <i>NeuroImage</i> , 2019, 203, 116157.	2.1	370
4789	Estimating repetitive spatiotemporal patterns from many subjectsâ€™ resting-state fMRIs. <i>NeuroImage</i> , 2019, 203, 116182.	2.1	4
4790	Examining resting-state functional connectivity in first-episode schizophrenia with 7T fMRI and MEG. <i>NeuroImage: Clinical</i> , 2019, 24, 101959.	1.4	34

#	ARTICLE	IF	CITATIONS
4791	Altered Functional Connectivity within Default Mode Network in Patients with Transient Ischemic Attack: A Resting-State Functional Magnetic Resonance Imaging Study. <i>Cerebrovascular Diseases</i> , 2019, 48, 61-69.	0.8	11
4792	Propagations of spontaneous brain activity in awake rats. <i>NeuroImage</i> , 2019, 202, 116176.	2.1	10
4793	The impact of physiological noise on hemodynamic-derived estimates of directed functional connectivity. <i>Brain Structure and Function</i> , 2019, 224, 3145-3157.	1.2	4
4794	Abnormal Functional Connectivity in Cognitive Control Network, Default Mode Network, and Visual Attention Network in Internet Addiction: A Resting-State fMRI Study. <i>Frontiers in Neurology</i> , 2019, 10, 1006.	1.1	27
4795	Learning to play badminton altered resting-state activity and functional connectivity of the cerebellar sub-regions in adults. <i>PLoS ONE</i> , 2019, 14, e0223234.	1.1	5
4796	Intersubject MVPD: Empirical comparison of fMRI denoising methods for connectivity analysis. <i>PLoS ONE</i> , 2019, 14, e0222914.	1.1	9
4797	Large-scale intrinsic connectivity is consistent across varying task demands. <i>PLoS ONE</i> , 2019, 14, e0213861.	1.1	20
4798	Assessment of the effect of data length on the reliability of resting-state fNIRS connectivity measures and graph metrics. <i>Biomedical Signal Processing and Control</i> , 2019, 54, 101612.	3.5	6
4799	Identification of physiological response functions to correct for fluctuations in resting-state fMRI related to heart rate and respiration. <i>NeuroImage</i> , 2019, 202, 116150.	2.1	42
4800	Comparison between a pure functional connectivity and a mixed functional-topological model in functional connectivity. An application on parahippocampal gyrus-anterior division data. <i>Biomedical Signal Processing and Control</i> , 2019, 54, 101570.	3.5	1
4801	Topography and behavioral relevance of the global signal in the human brain. <i>Scientific Reports</i> , 2019, 9, 14286.	1.6	77
4802	A Whole-Body Sensory-Motor Gradient is Revealed in the Medial Wall of the Parietal Lobe. <i>Journal of Neuroscience</i> , 2019, 39, 7882-7892.	1.7	18
4803	Control networks of the frontal lobes. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2019, 163, 333-347.	1.0	20
4804	Identification of neurobehavioural symptom groups based on shared brain mechanisms. <i>Nature Human Behaviour</i> , 2019, 3, 1306-1318.	6.2	37
4805	Neurodegenerative disorders of the human frontal lobes. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2019, 163, 391-410.	1.0	13
4806	Development of the functional connectivity of the frontoparietal mirror neuron network in preschool Children: An investigation under resting state. <i>Journal of Clinical Neuroscience</i> , 2019, 70, 214-220.	0.8	4
4807	Continuity in the neural system supporting children's theory of mind development: Longitudinal links between task-independent EEG and task-dependent fMRI. <i>Developmental Cognitive Neuroscience</i> , 2019, 40, 100705.	1.9	12
4808	An average sliding window correlation method for dynamic functional connectivity. <i>Human Brain Mapping</i> , 2019, 40, 2089-2103.	1.9	38

#	ARTICLE	IF	CITATIONS
4809	A principled multivariate intersubject analysis of generalized partial directed coherence with Dirichlet regression: Application to healthy aging in areas exhibiting cortical thinning. <i>Journal of Neuroscience Methods</i> , 2019, 311, 243-252.	1.3	3
4810	Reward network connectivity at rest is associated with reward sensitivity in healthy adults: A resting-state fMRI study. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2019, 19, 726-736.	1.0	19
4811	Absence of dentate nucleus resting-state functional connectivity changes in nonneurological patients with gadolinium-related hyperintensity on T ₁ -weighted images. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 445-455.	1.9	23
4812	Current Understanding of the Neurobiology of Opioid Use Disorder: an Overview. <i>Current Behavioral Neuroscience Reports</i> , 2019, 6, 1-11.	0.6	12
4813	Altered functional connectivity and low-frequency signal fluctuations in early psychosis and genetic high risk. <i>Schizophrenia Research</i> , 2019, 210, 172-179.	1.1	17
4814	Deep Neural Generative Model of Functional MRI Images for Psychiatric Disorder Diagnosis. <i>IEEE Transactions on Biomedical Engineering</i> , 2019, 66, 2768-2779.	2.5	37
4815	Reprint of: Mapping human brain lesions and their functional consequences. <i>NeuroImage</i> , 2019, 190, 4-13.	2.1	8
4816	Abnormal Cortico-Cerebellar Functional Connectivity in Autism Spectrum Disorder. <i>Frontiers in Systems Neuroscience</i> , 2018, 12, 74.	1.2	37
4817	Prediction of early response to overall treatment for schizophrenia: A functional magnetic resonance imaging study. <i>Brain and Behavior</i> , 2019, 9, e01211.	1.0	30
4818	Editorial for the special issue "Resting-state fMRI and cognition" in <i>Brain and Cognition</i> . <i>Brain and Cognition</i> , 2019, 131, 1-3.	0.8	1
4819	An investigation of the single and combined effects of hypogravity and ionizing radiation on brain monoamine metabolism and rats' behavior. <i>Life Sciences in Space Research</i> , 2019, 20, 12-19.	1.2	17
4820	Prevention of Epileptogenesis in Animal Models. , 2019, , 135-147.		0
4821	Seed-Based Resting-State Functional MRI for Presurgical Localization of the Motor Cortex: A Task-Based Functional MRI-Determined Seed Versus an Anatomy-Determined Seed. <i>Korean Journal of Radiology</i> , 2019, 20, 171.	1.5	3
4822	Abnormal fronto-striatal intrinsic connectivity reflects executive dysfunction in alcohol use disorders. <i>Cortex</i> , 2019, 115, 27-42.	1.1	34
4823	Frequency-specific functional connectivity related to the rehabilitation task of stroke patients. <i>Medical Physics</i> , 2019, 46, 1545-1560.	1.6	17
4824	Maternal Adiposity Influences Neonatal Brain Functional Connectivity. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 514.	1.0	22
4825	Rewarding safe choices in peer contexts: Adolescent brain activity during decision making. <i>Biological Psychology</i> , 2019, 142, 45-53.	1.1	2
4826	Identification of epileptic brain states by dynamic functional connectivity analysis of simultaneous EEG-fMRI: a dictionary learning approach. <i>Scientific Reports</i> , 2019, 9, 638.	1.6	23

#	ARTICLE	IF	CITATIONS
4827	Correlation between Intrinsic Brain Activity and Thyroid-Stimulating Hormone Level in Unmedicated Bipolar II Depression. <i>Neuroendocrinology</i> , 2019, 108, 232-243.	1.2	32
4828	Transient states of network connectivity are atypical in autism: A dynamic functional connectivity study. <i>Human Brain Mapping</i> , 2019, 40, 2377-2389.	1.9	61
4829	Optimization of rs-fMRI parameters in the Seed Correlation Analysis (SCA) in DPARSF toolbox: A preliminary study. <i>Journal of Neuroscience Research</i> , 2019, 97, 433-443.	1.3	9
4830	Echo planar time-resolved imaging (EPTI). <i>Magnetic Resonance in Medicine</i> , 2019, 81, 3599-3615.	1.9	75
4831	Brain songs framework used for discovering the relevant timescale of the human brain. <i>Nature Communications</i> , 2019, 10, 583.	5.8	45
4832	Abnormal Alterations of Regional Spontaneous Neuronal Activity in Inferior Frontal Orbital Gyrus and Corresponding Brain Circuit Alterations: A Resting-State fMRI Study in Somatic Depression. <i>Frontiers in Psychiatry</i> , 2019, 10, 267.	1.3	23
4833	Dynamical exploration of the repertoire of brain networks at rest is modulated by psilocybin. <i>NeuroImage</i> , 2019, 199, 127-142.	2.1	152
4834	Interactive effects of dopamine transporter genotype and aging on resting-state functional networks. <i>PLoS ONE</i> , 2019, 14, e0215849.	1.1	4
4835	Brain structures and functional connectivity associated with individual differences in trait proactive aggression. <i>Scientific Reports</i> , 2019, 9, 7731.	1.6	35
4836	Frequency-specific alterations in cortical rhythms and functional connectivity in trigeminal neuralgia. <i>Brain Imaging and Behavior</i> , 2019, 13, 1497-1509.	1.1	37
4837	Frequency-Dependent Spatial Distribution of Functional Hubs in the Human Brain and Alterations in Major Depressive Disorder. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 146.	1.0	14
4838	Resting-State Brain Network Dysfunctions Associated With Visuomotor Impairments in Autism Spectrum Disorder. <i>Frontiers in Integrative Neuroscience</i> , 2019, 13, 17.	1.0	31
4839	MRI for Radiotherapy. , 2019, , .		4
4840	On the Relationship between MRI and Local Field Potential Measurements of Spatial and Temporal Variations in Functional Connectivity. <i>Scientific Reports</i> , 2019, 9, 8871.	1.6	12
4841	State-Dependent Functional Dysconnectivity in Youth With Psychosis Spectrum Symptoms. <i>Schizophrenia Bulletin</i> , 2020, 46, 408-421.	2.3	9
4842	Brain default-mode network dysfunction in addiction. <i>NeuroImage</i> , 2019, 200, 313-331.	2.1	208
4843	Modulation of Resting Connectivity Between the Mesial Frontal Cortex and Basal Ganglia. <i>Frontiers in Neurology</i> , 2019, 10, 587.	1.1	11
4844	Sampling Rate Effects on Resting State fMRI Metrics. <i>Frontiers in Neuroscience</i> , 2019, 13, 279.	1.4	53

#	ARTICLE	IF	CITATIONS
4845	Functional MR Imaging. , 2019, , 73-94.		1
4846	From Synchrony to Asynchrony: Cerebellarâ€œBasal Ganglia Functional Circuits in Young and Older Adults. Cerebral Cortex, 2020, 30, 718-729.	1.6	23
4847	Naturalistic Stimuli in Neuroscience: Critically Acclaimed. Trends in Cognitive Sciences, 2019, 23, 699-714.	4.0	322
4848	Innovative MRI Techniques in Neuroimaging Approaches for Cerebrovascular Diseases and Vascular Cognitive Impairment. International Journal of Molecular Sciences, 2019, 20, 2656.	1.8	18
4849	Abnormal spontaneous neural activity of brain regions in patients with primary blepharospasm at rest. Journal of the Neurological Sciences, 2019, 403, 44-49.	0.3	14
4850	Neuroimaging Biomarkers for Alzheimerâ€™s Disease. Molecular Neurodegeneration, 2019, 14, 21.	4.4	161
4851	Pairwise Interactions among Brain Regions Organize Large-Scale Functional Connectivity during Execution of Various Tasks. Neuroscience, 2019, 412, 190-206.	1.1	9
4852	Temporal Variability of Cortical Gyral-Sulcal Resting State Functional Activity Correlates With Fluid Intelligence. Frontiers in Neural Circuits, 2019, 13, 36.	1.4	17
4853	Sexâ€related pattern of intrinsic brain connectivity in drugâ€naÃve Parkinson's disease patients. Movement Disorders, 2019, 34, 997-1005.	2.2	16
4854	Bayesian framework for robust seedâ€based correlation analysis. Medical Physics, 2019, 46, 3055-3066.	1.6	2
4855	Magnetoencephalography applied to the study of Alzheimer's disease. Progress in Molecular Biology and Translational Science, 2019, 165, 25-61.	0.9	13
4856	Abnormal functional network of the thalamic subregions in adult patients with obsessive-compulsive disorder. Behavioural Brain Research, 2019, 371, 111982.	1.2	30
4857	Alterations of structural and functional connectivity in profound sensorineural hearing loss infants within an early sensitive period: A combined DTI and fMRI study. Developmental Cognitive Neuroscience, 2019, 38, 100654.	1.9	31
4858	Mind-body exercise improves cognitive function and modulates the function and structure of the hippocampus and anterior cingulate cortex in patients with mild cognitive impairment. NeuroImage: Clinical, 2019, 23, 101834.	1.4	95
4859	Seed-Based Connectivity Analysis of Resting-State fMRI in Patients with Brain Tumors: A Feasibility Study. World Neurosurgery, 2019, 128, e165-e176.	0.7	14
4860	Music in premature infants enhances high-level cognitive brain networks. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 12103-12108.	3.3	94
4861	Functional Magnetic Resonance Imaging. , 2019, , 533-544.		1
4862	The rs-fMRI study of effects of fornix and hippocampus-related brain function after the transcallosal interforniceal approach. Brain Research Bulletin, 2019, 150, 207-215.	1.4	4

#	ARTICLE	IF	CITATIONS
4863	Functional connectivity of language networks after perinatal stroke. <i>NeuroImage: Clinical</i> , 2019, 23, 101861.	1.4	11
4864	Relationship between MEG global dynamic functional network connectivity measures and symptoms in schizophrenia. <i>Schizophrenia Research</i> , 2019, 209, 129-134.	1.1	19
4865	Effective degrees of freedom of the Pearson's correlation coefficient under autocorrelation. <i>NeuroImage</i> , 2019, 199, 609-625.	2.1	89
4866	Synchrony, metastability, dynamic integration, and competition in the spontaneous functional connectivity of the human brain. <i>NeuroImage</i> , 2019, 199, 313-324.	2.1	45
4867	Altered functional connectivity density in primary angle-closure glaucoma patients at resting-state. <i>Quantitative Imaging in Medicine and Surgery</i> , 2019, 9, 603-614.	1.1	23
4868	Intrinsic Rivalry. Can White Bears Help Us With the Other Side of Consciousness?. <i>Frontiers in Psychology</i> , 2019, 10, 1087.	1.1	2
4869	Tinnitus distress: a paradoxical attention to the sound?. <i>Journal of Neurology</i> , 2019, 266, 2197-2207.	1.8	21
4870	Saliency Network Disruption in U.S. Army Soldiers With Posttraumatic Stress Disorder. <i>Chronic Stress</i> , 2019, 3, 247054701985046.	1.7	29
4871	Brain-State Extraction Algorithm Based on the State Transition (BEST): A Dynamic Functional Brain Network Analysis in fMRI Study. <i>Brain Topography</i> , 2019, 32, 897-913.	0.8	8
4872	The local properties of bold signal fluctuations at rest monitor inhibitory control training in adolescents. <i>Developmental Cognitive Neuroscience</i> , 2019, 38, 100664.	1.9	16
4873	Brain Structure, Connectivity, and Cognitive Changes Following Revascularization Surgery in Adult Moyamoya Disease. <i>Neurosurgery</i> , 2019, 85, E943-E952.	0.6	38
4874	Genetic Variants of PICALM rs541458 Modulate Brain Spontaneous Activity in Older Adults With Amnesic Mild Cognitive Impairment. <i>Frontiers in Neurology</i> , 2019, 10, 494.	1.1	19
4875	Machine learning in resting-state fMRI analysis. <i>Magnetic Resonance Imaging</i> , 2019, 64, 101-121.	1.0	135
4876	Universal Transform or Multiple Functionality? Understanding the Contribution of the Human Cerebellum across Task Domains. <i>Neuron</i> , 2019, 102, 918-928.	3.8	169
4877	The Insula: A Brain Stimulation Target for the Treatment of Addiction. <i>Frontiers in Pharmacology</i> , 2019, 10, 720.	1.6	69
4878	Omission of temporal nuisance regressors from dual regression can improve accuracy of fMRI functional connectivity maps. <i>Human Brain Mapping</i> , 2019, 40, 4005-4025.	1.9	2
4879	A new computational approach to estimate whole-brain effective connectivity from functional and structural MRI, applied to language development. <i>Scientific Reports</i> , 2019, 9, 8479.	1.6	16
4880	Longitudinal Changes in the Cerebral Cortex Functional Organization of Healthy Elderly. <i>Journal of Neuroscience</i> , 2019, 39, 5534-5550.	1.7	70

#	ARTICLE	IF	CITATIONS
4881	Characterizing Brain Connectivity From Human Electroencephalography Recordings With Unobserved Inputs During Epileptic Seizures. <i>Neural Computation</i> , 2019, 31, 1271-1326.	1.3	6
4882	Altered Brain Functional Hubs and Connectivity Underlie Persistent Somatoform Pain Disorder. <i>Frontiers in Neuroscience</i> , 2019, 13, 415.	1.4	10
4883	Automated Mapping of Sensorimotor Network for Resting State fMRI Data with Seed-Based Correlation Analysis. <i>IFMBE Proceedings</i> , 2019, , 537-544.	0.2	1
4884	High-density diffuse optical tomography for imaging human brain function. <i>Review of Scientific Instruments</i> , 2019, 90, 051101.	0.6	95
4885	Pig Brains Have Homologous Resting-State Networks with Human Brains. <i>Brain Connectivity</i> , 2019, 9, 566-579.	0.8	26
4886	Context-specific modulation of intrinsic coupling modes shapes multisensory processing. <i>Science Advances</i> , 2019, 5, eaar7633.	4.7	11
4887	Microstructural and functional gradients are increasingly dissociated in transmodal cortices. <i>PLoS Biology</i> , 2019, 17, e3000284.	2.6	332
4888	Aberrant Coupling Between Resting-State Cerebral Blood Flow and Functional Connectivity in Wilson's Disease. <i>Frontiers in Neural Circuits</i> , 2019, 13, 25.	1.4	13
4889	Intrinsic Prior Knowledge Driven CICA fMRI Data Analysis for Emotion Recognition Classification. <i>IEEE Access</i> , 2019, 7, 59944-59950.	2.6	10
4890	Dynamic functional connectivity analysis of functional MRI based on copula time-varying correlation. <i>Journal of Neuroscience Methods</i> , 2019, 323, 32-47.	1.3	6
4891	Two-stage regression of high-density scalp electroencephalograms visualizes force regulation signaling during muscle contraction. <i>Journal of Neural Engineering</i> , 2019, 16, 056020.	1.8	10
4892	Abnormal intrinsic brain functional network dynamics in unmedicated depressed bipolar II disorder. <i>Journal of Affective Disorders</i> , 2019, 253, 402-409.	2.0	18
4893	Impact of Hunger, Satiety, and Oral Glucose on the Association Between Insulin and Resting-State Human Brain Activity. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 162.	1.0	17
4894	Functional segregation of executive control network and frontoparietal network in Alzheimer's disease. <i>Cortex</i> , 2019, 120, 36-48.	1.1	42
4895	Abnormal frontoinsular-default network dynamics in adolescent depression and rumination: a preliminary resting-state co-activation pattern analysis. <i>Neuropsychopharmacology</i> , 2019, 44, 1604-1612.	2.8	63
4896	Early recovery of interhemispheric functional connectivity after corpus callosotomy. <i>Epilepsia</i> , 2019, 60, 1126-1136.	2.6	17
4897	Intermittent Theta-Burst Stimulation Reverses the After-Effects of Contralateral Virtual Lesion on the Suprahyoid Muscle Cortex: Evidence From Dynamic Functional Connectivity Analysis. <i>Frontiers in Neuroscience</i> , 2019, 13, 309.	1.4	8
4898	Intrinsic Resting-State Activity in Older Adults With Video Game Experience. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 119.	1.7	12

#	ARTICLE	IF	CITATIONS
4899	Towards the Understanding of Healthy and Pathological Aging Through MEG. , 2019, , 1-35.		0
4900	RESTplus: an improved toolkit for resting-state functional magnetic resonance imaging data processing. <i>Science Bulletin</i> , 2019, 64, 953-954.	4.3	156
4901	ADHD symptoms are associated with the modular structure of intrinsic brain networks in a representative sample of healthy adults. <i>Network Neuroscience</i> , 2019, 3, 567-588.	1.4	27
4902	Improving brain function of pediatric acute lymphoblastic leukemia patients after induction chemotherapy, a pilot self-contrast study by fractional amplitude of low-frequency fluctuation. <i>Journal of Clinical Neuroscience</i> , 2019, 66, 149-155.	0.8	2
4903	Characterizing the role of the structural connectome in seizure dynamics. <i>Brain</i> , 2019, 142, 1955-1972.	3.7	56
4904	Dynamic reconfiguration of the functional brain network after musical training in young adults. <i>Brain Structure and Function</i> , 2019, 224, 1781-1795.	1.2	23
4905	Altered Brain Signal Variability in Patients With Generalized Anxiety Disorder. <i>Frontiers in Psychiatry</i> , 2019, 10, 84.	1.3	8
4906	Altered functional connectivity of dentate nucleus in parkinsonian and cerebellar variants of multiple system atrophy. <i>Brain Imaging and Behavior</i> , 2019, 13, 1733-1745.	1.1	17
4907	Functional connectivity and the sleep-deprived brain. <i>Progress in Brain Research</i> , 2019, 246, 159-176.	0.9	41
4908	Disrupted core-periphery structure of multimodal brain networks in Alzheimer's disease. <i>Network Neuroscience</i> , 2019, 3, 635-652.	1.4	20
4909	Toward neuroimaging-based network biomarkers for transient ischemic attack. <i>Human Brain Mapping</i> , 2019, 40, 3347-3361.	1.9	9
4910	Intrinsic brain activity changes associated with adjuvant chemotherapy in older women with breast cancer: a pilot longitudinal study. <i>Breast Cancer Research and Treatment</i> , 2019, 176, 181-189.	1.1	24
4911	Selected Topics Relating to Functional MRI Study of the Brain. <i>Keio Journal of Medicine</i> , 2019, 68, 73-86.	0.5	4
4912	Resting State Functional Connectivity of the Supplementary Motor Area to Motor and Language Networks in Patients with Brain Tumors. <i>Journal of Neuroimaging</i> , 2019, 29, 521-526.	1.0	13
4913	<p>Unilateral thalamic glioma disrupts large-scale functional architecture of human brain during resting state</p>. <i>Neuropsychiatric Disease and Treatment</i> , 2019, Volume 15, 947-956.	1.0	1
4914	Structural connectivity prior to whole-body sensorimotor skill learning associates with changes in resting state functional connectivity. <i>NeuroImage</i> , 2019, 197, 191-199.	2.1	18
4915	Motor Control Deficits in Facial Synkinesis Patients: Neuroimaging Evidences of Cerebral Cortex Involvement. <i>Neural Plasticity</i> , 2019, 2019, 1-9.	1.0	16
4916	Brain Connectivity in <i>Ateles geoffroyi</i> : Resting-State Functional Magnetic Resonance Imaging of Working Memory and Executive Control. <i>Brain, Behavior and Evolution</i> , 2019, 93, 19-33.	0.9	2

#	ARTICLE	IF	CITATIONS
4917	Compulsive drug use is associated with imbalance of orbitofrontal- and prefrontal-striatal circuits in punishment-resistant individuals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 9066-9071.	3.3	66
4918	Aberrant Brain Function in Active-Stage Ulcerative Colitis Patients: A Resting-State Functional MRI Study. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 107.	1.0	37
4919	Functional connectomics of affective and psychotic pathology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 9050-9059.	3.3	134
4920	Altered dynamics of brain segregation and integration in poststroke aphasia. <i>Human Brain Mapping</i> , 2019, 40, 3398-3409.	1.9	31
4921	Restricted, Repetitive, and Stereotypical Patterns of Behavior in Autism—An fMRI Perspective. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2019, 27, 1139-1148.	2.7	12
4922	Structural and functional brain biomarkers of clinical response to rTMS of medication-resistant auditory hallucinations in schizophrenia patients: study protocol for a randomized sham-controlled double-blind clinical trial. <i>Trials</i> , 2019, 20, 229.	0.7	6
4923	Neuroimaging in the Perioperative Neurocognitive Disorders. , 2019, , 152-166.		0
4924	Association Between Fractional Amplitude of Low-Frequency Spontaneous Fluctuation and Degree Centrality in Children and Adolescents. <i>Brain Connectivity</i> , 2019, 9, 379-387.	0.8	6
4925	Arterial Spin Labeling Reveals Disrupted Brain Networks and Functional Connectivity in Drug-Resistant Temporal Epilepsy. <i>Frontiers in Neuroinformatics</i> , 2018, 12, 101.	1.3	16
4926	Dynamic mode decomposition of resting-state and task fMRI. <i>NeuroImage</i> , 2019, 194, 42-54.	2.1	54
4927	Connectome-based individualized prediction of loneliness. <i>Social Cognitive and Affective Neuroscience</i> , 2019, 14, 353-365.	1.5	59
4929	Assessment of dynamic functional connectivity in resting-state fMRI using the sliding window technique. <i>Brain and Behavior</i> , 2019, 9, e01255.	1.0	54
4930	Reliable local dynamics in the brain across sessions are revealed by whole-brain modeling of resting state activity. <i>Human Brain Mapping</i> , 2019, 40, 2967-2980.	1.9	26
4931	Capturing the spatiotemporal dynamics of self-generated, task-initiated thoughts with EEG and fMRI. <i>NeuroImage</i> , 2019, 194, 82-92.	2.1	171
4932	Physiological significance of R-fMRI indices: Can functional metrics differentiate structural lesions (brain tumors)?. <i>NeuroImage: Clinical</i> , 2019, 22, 101741.	1.4	4
4933	Brain Map of Intrinsic Functional Flexibility in Anesthetized Monkeys and Awake Humans. <i>Frontiers in Neuroscience</i> , 2019, 13, 174.	1.4	15
4934	Investigating executive control network and default mode network dysfunction in major depressive disorder. <i>Neuroscience Letters</i> , 2019, 701, 154-161.	1.0	21
4935	Intelligence moderates the relationship between age and inter-connectivity of resting state networks in older adults. <i>Neurobiology of Aging</i> , 2019, 78, 121-129.	1.5	6

#	ARTICLE	IF	CITATIONS
4936	Lower Limb Task-Based Functional Connectivity Is Altered in Stroke. <i>Brain Connectivity</i> , 2019, 9, 365-377.	0.8	10
4937	Resting-state brain information flow predicts cognitive flexibility in humans. <i>Scientific Reports</i> , 2019, 9, 3879.	1.6	26
4938	Using Low-Frequency Oscillations to Detect Temporal Lobe Epilepsy with Machine Learning. <i>Brain Connectivity</i> , 2019, 9, 184-193.	0.8	15
4939	Interplay of spinal and vagal pathways on esophageal acid-related anterior cingulate cortex functional networks in rats. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 316, G615-G622.	1.6	3
4940	Atypical Frontotemporal Connectivity of Cognitive Empathy in Male Adolescents With Conduct Disorder. <i>Frontiers in Psychology</i> , 2018, 9, 2778.	1.1	3
4941	Preoperative Imaging (MRI, Functional MRI, CT). , 2019, , 207-222.		0
4942	Multimodal Imaging of Repetitive Transcranial Magnetic Stimulation Effect on Brain Network: A Combined Electroencephalogram and Functional Magnetic Resonance Imaging Study. <i>Brain Connectivity</i> , 2019, 9, 311-321.	0.8	15
4943	The homotopic connectivity of the functional brain: a meta-analytic approach. <i>Scientific Reports</i> , 2019, 9, 3346.	1.6	50
4944	The After-Effects of Theta Burst Stimulation Over the Cortex of the Suprahyoid Muscle on Regional Homogeneity in Healthy Subjects. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 35.	1.0	9
4945	Dynamic thresholding networks for schizophrenia diagnosis. <i>Artificial Intelligence in Medicine</i> , 2019, 96, 25-32.	3.8	15
4946	A method for building a genome-connectome bipartite graph model. <i>Journal of Neuroscience Methods</i> , 2019, 320, 64-71.	1.3	1
4947	On time delay estimation and sampling error in resting-state fMRI. <i>NeuroImage</i> , 2019, 194, 211-227.	2.1	39
4948	Greater brain activity during the resting state and the control of activation during the performance of tasks. <i>Scientific Reports</i> , 2019, 9, 5027.	1.6	15
4949	Higher resting state functional connectivity between the vmPFC and rTPJ in individuals who display conversational synchrony. <i>Journal of Neurolinguistics</i> , 2019, 51, 212-220.	0.5	2
4950	Functional ultrasound imaging of the brain reveals propagation of task-related brain activity in behaving primates. <i>Nature Communications</i> , 2019, 10, 1400.	5.8	90
4951	Emerging connections between cerebellar development, behaviour and complex brain disorders. <i>Nature Reviews Neuroscience</i> , 2019, 20, 298-313.	4.9	186
4952	Capturing spontaneous activity in the medial prefrontal cortex using near-infrared spectroscopy and its application to schizophrenia. <i>Scientific Reports</i> , 2019, 9, 5283.	1.6	9
4953	A Non-cognitive Behavioral Model for Interpreting Functional Neuroimaging Studies. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 28.	1.0	5

#	ARTICLE	IF	CITATIONS
4954	Multi-frequency Dynamic Weighted Functional Connectivity Networks for Schizophrenia Diagnosis. Applied Magnetic Resonance, 2019, 50, 847-859.	0.6	12
4955	Increased brain entropy of resting-state fMRI mediates the relationship between depression severity and mental health-related quality of life in late-life depressed elderly. Journal of Affective Disorders, 2019, 250, 270-277.	2.0	44
4956	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.	0.7	95
4957	Endless Fluctuations: Temporal Dynamics of the Amplitude of Low Frequency Fluctuations. IEEE Transactions on Medical Imaging, 2019, 38, 2523-2532.	5.4	99
4958	Resting-state fMRI detects the effects of learning in short term: A visual search training study. Human Brain Mapping, 2019, 40, 2787-2799.	1.9	7
4959	Water/fat separation for distortion-free EPI with point spread function encoding. Magnetic Resonance in Medicine, 2019, 82, 251-262.	1.9	9
4960	Spontaneous Regional Brain Activity in Healthy Individuals is Nonlinearly Modulated by the Interaction of ZNF804A rs1344706 and COMT rs4680 Polymorphisms. Neuroscience Bulletin, 2019, 35, 735-742.	1.5	6
4961	Age-related differences in network flexibility and segregation at rest and during motor performance. NeuroImage, 2019, 194, 93-104.	2.1	26
4962	Resting-State Functional Connectivity in Neurosurgical Patients Under Propofol Anesthesia: Detectability and Variability Between Patients and Between Sessions. World Neurosurgery, 2019, 125, e1160-e1169.	0.7	5
4963	Frequency specific contribution of intrinsic connectivity networks to the integration in brain networks. Scientific Reports, 2019, 9, 4072.	1.6	8
4964	Altered ability to access a clinically relevant control network in patients remitted from major depressive disorder. Human Brain Mapping, 2019, 40, 2771-2786.	1.9	76
4965	Spectral entropy indicates electrophysiological and hemodynamic changes in drug-resistant epilepsy – A multimodal MREG study. NeuroImage: Clinical, 2019, 22, 101763.	1.4	21
4967	Dynamic Changes of Functional Neuronal Activities Between the Auditory Pathway and Limbic Systems Contribute to Noise-Induced Tinnitus with a Normal Audiogram. Neuroscience, 2019, 408, 31-45.	1.1	20
4968	Predicting Task and Subject Differences with Functional Connectivity and Blood-Oxygen-Level-Dependent Variability. Brain Connectivity, 2019, 9, 451-463.	0.8	14
4969	The relationship between heart rate and functional connectivity of brain regions involved in autonomic control. NeuroImage, 2019, 196, 318-328.	2.1	35
4970	High-level Integrative Networks: A Resting-state fMRI Investigation of Reading and Spelling. Journal of Cognitive Neuroscience, 2019, 31, 961-977.	1.1	7
4971	Global signal regression strengthens association between resting-state functional connectivity and behavior. NeuroImage, 2019, 196, 126-141.	2.1	292
4972	Intrinsic functional architecture of the non-human primate spinal cord derived from fMRI and electrophysiology. Nature Communications, 2019, 10, 1416.	5.8	22

#	ARTICLE	IF	CITATIONS
4973	Abnormal Brain Network Connectivity in a Triple-Network Model of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2019, 69, 237-252.	1.2	37
4974	Abnormal coupling among spontaneous brain activity metrics and cognitive deficits in major depressive disorder. <i>Journal of Affective Disorders</i> , 2019, 252, 74-83.	2.0	23
4975	Functional resting-state brain connectivity is accompanied by dynamic correlations of application-dependent [18F]FDG PET-tracer fluctuations. <i>NeuroImage</i> , 2019, 196, 161-172.	2.1	25
4976	Connectome analysis of functional and structural hemispheric brain networks in major depressive disorder. <i>Translational Psychiatry</i> , 2019, 9, 136.	2.4	58
4977	Resting-State Functional Connectivity Imaging and Nicotine Dependence. , 2019, , 119-126.		0
4978	Brain networks and their relevance for stroke rehabilitation. <i>Clinical Neurophysiology</i> , 2019, 130, 1098-1124.	0.7	129
4979	Numerical simulation of a strong tornado in eastern China with different microphysical schemes. <i>Atmospheric Science Letters</i> , 2019, 20, e875.	0.8	1
4980	Functional networks are impaired by elevated tau-protein but reversible in a regulatable Alzheimer's disease mouse model. <i>Molecular Neurodegeneration</i> , 2019, 14, 13.	4.4	28
4981	Interhemispheric functional connectivity in the zebra finch brain, absent the corpus callosum in normal ontogeny. <i>NeuroImage</i> , 2019, 195, 113-127.	2.1	7
4982	Why Is Aging a Risk Factor for Cognitive Impairment in Parkinson's Disease?â€”A Resting State fMRI Study. <i>Frontiers in Neurology</i> , 2019, 10, 267.	1.1	10
4983	Disturbed neurovascular coupling in type 2 diabetes mellitus patients: Evidence from a comprehensive fMRI analysis. <i>NeuroImage: Clinical</i> , 2019, 22, 101802.	1.4	56
4984	Identifying nonlinear dynamics of brain functional networks of patients with schizophrenia by sample entropy. <i>Nonlinear Dynamics</i> , 2019, 96, 2327-2340.	2.7	29
4985	Altered static and dynamic functional network connectivity in Alzheimer's disease and subcortical ischemic vascular disease: shared and specific brain connectivity abnormalities. <i>Human Brain Mapping</i> , 2019, 40, 3203-3221.	1.9	107
4986	Update on the Clinical Approach to Spatial Neglect. <i>Current Neurology and Neuroscience Reports</i> , 2019, 19, 25.	2.0	25
4987	A Comparison of Static and Dynamic Functional Connectivities for Identifying Subjects and Biological Sex Using Intrinsic Individual Brain Connectivity. <i>Scientific Reports</i> , 2019, 9, 5729.	1.6	63
4988	Resting-state functional connectivity networks associated with fatigue in multiple sclerosis with early age onset. <i>Multiple Sclerosis and Related Disorders</i> , 2019, 31, 101-105.	0.9	24
4989	Strategies and prospects for cortical depth dependent T2 and T2* weighted BOLD fMRI studies. <i>NeuroImage</i> , 2019, 197, 668-676.	2.1	34
4990	Atypical Functional Connectivity Associated with Autonomous Sensory Meridian Response: An Examination of Five Resting-State Networks. <i>Brain Connectivity</i> , 2019, 9, 508-518.	0.8	31

#	ARTICLE	IF	CITATIONS
4991	Lower limb amputees undergo long-distance plasticity in sensorimotor functional connectivity. <i>Scientific Reports</i> , 2019, 9, 2518.	1.6	33
4992	Regional Homogeneity Abnormalities in Early-Onset and Adolescent-Onset Conduct Disorder in Boys: A Resting-State fMRI Study. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 26.	1.0	6
4993	Sleep EEG functional connectivity varies with age and sex, but not general intelligence. <i>Neurobiology of Aging</i> , 2019, 78, 87-97.	1.5	19
4994	Functional Neuroimaging Markers of Persistent Post-Concussive Brain Change. , 2019, , 555-572.		0
4995	Resting state connectivity differences in eyes open versus eyes closed conditions. <i>Human Brain Mapping</i> , 2019, 40, 2488-2498.	1.9	133
4996	Reproducibility of functional brain alterations in major depressive disorder: Evidence from a multisite resting-state functional MRI study with 1,434 individuals. <i>NeuroImage</i> , 2019, 189, 700-714.	2.1	72
4997	Segmented Echo Planar Imaging Improves Detection of Subcortical Functional Connectivity Networks in the Rat Brain. <i>Scientific Reports</i> , 2019, 9, 1397.	1.6	4
4998	Multimodal Parcellations and Extensive Behavioral Profiling Tackling the Hippocampus Gradient. <i>Cerebral Cortex</i> , 2019, 29, 4595-4612.	1.6	82
4999	Combined Sensing, Cognition, Learning, and Control for Developing Future Neuro-Robotics Systems: A Survey. <i>IEEE Transactions on Cognitive and Developmental Systems</i> , 2019, 11, 148-161.	2.6	22
5000	Decreased Intrinsic Functional Connectivity in First-Episode, Drug-Naive Adolescents With Generalized Anxiety Disorder. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 539.	1.0	13
5001	Variability of Resting-State Functional MRI Graph Theory Metrics across 3T Platforms. <i>Journal of Neuroimaging</i> , 2019, 29, 344-347.	1.0	3
5002	What Can Computational Models Contribute to Neuroimaging Data Analytics?. <i>Frontiers in Systems Neuroscience</i> , 2018, 12, 68.	1.2	23
5003	Extrinsic and default mode networks in psychiatric conditions: Relationship to excitatory-inhibitory transmitter balance and early trauma. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 99, 90-100.	2.9	34
5004	Abnormal Spontaneous Regional Brain Activity in Young Patients With Anorexia Nervosa. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2019, 58, 1104-1114.	0.3	23
5005	Exploring distinct default mode and semantic networks using a systematic ICA approach. <i>Cortex</i> , 2019, 113, 279-297.	1.1	40
5006	The Influence of Genetic Factors and Cognitive Reserve on Structural and Functional Resting-State Brain Networks in Aging and Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 30.	1.7	33
5007	A study of within-subject reliability of the brain's default-mode network. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2019, 32, 391-405.	1.1	10
5008	Individual-specific fMRI-Subspaces improve functional connectivity prediction of behavior. <i>NeuroImage</i> , 2019, 189, 804-812.	2.1	55

#	ARTICLE	IF	CITATIONS
5009	Prenatal lead exposure impacts cross-hemispheric and long-range connectivity in the human fetal brain. <i>NeuroImage</i> , 2019, 191, 186-192.	2.1	57
5010	The Correlation between the Frontostriatal Network and Impulsivity in Internet Gaming Disorder. <i>Scientific Reports</i> , 2019, 9, 1191.	1.6	20
5011	Regional Dynamics of the Resting Brain in Amyotrophic Lateral Sclerosis Using Fractional Amplitude of Low-Frequency Fluctuations and Regional Homogeneity Analyses. <i>Brain Connectivity</i> , 2019, 9, 356-364.	0.8	17
5012	The Local Brain Abnormalities in Patients With Transient Ischemic Attack: A Resting-State fMRI Study. <i>Frontiers in Neuroscience</i> , 2019, 13, 24.	1.4	26
5013	Dysconnectivity of Multiple Resting-State Networks Associated With Higher-Order Functions in Sensorineural Hearing Loss. <i>Frontiers in Neuroscience</i> , 2019, 13, 55.	1.4	21
5015	Functional specialization of macaque premotor F5 subfields with respect to hand and mouth movements: A comparison of task and resting-state fMRI. <i>NeuroImage</i> , 2019, 191, 441-456.	2.1	17
5016	Modular preprocessing pipelines can reintroduce artifacts into fMRI data. <i>Human Brain Mapping</i> , 2019, 40, 2358-2376.	1.9	159
5017	<p>Frequency-dependent neural activity in primary angle-closure glaucoma</p>. <i>Neuropsychiatric Disease and Treatment</i> , 2019, Volume 15, 271-282.	1.0	20
5018	In vivo measurement of brain network connectivity reflects progression and intrinsic disease severity in a model of temporal lobe epilepsy. <i>Neurobiology of Disease</i> , 2019, 127, 45-52.	2.1	19
5019	FuNP (Fusion of Neuroimaging Preprocessing) Pipelines: A Fully Automated Preprocessing Software for Functional Magnetic Resonance Imaging. <i>Frontiers in Neuroinformatics</i> , 2019, 13, 5.	1.3	53
5020	Converging measures of neural change at the microstructural, informational, and cortical network levels in the hippocampus during the learning of the structure of organic compounds. <i>Brain Structure and Function</i> , 2019, 224, 1345-1357.	1.2	7
5021	Quasi-periodic patterns contribute to functional connectivity in the brain. <i>NeuroImage</i> , 2019, 191, 193-204.	2.1	56
5022	Sex differences in the relationship between cardiorespiratory fitness and brain function in older adulthood. <i>Journal of Applied Physiology</i> , 2019, 126, 1032-1041.	1.2	17
5023	Fact, Fiction, or Evolution: Mechanism Hypothesis of Alzheimer’s Disease. , 2019, , .		0
5024	Classification of Subjective Cognitive Decline in Alzheimer’s Disease Through Resting-State Hemodynamic Response Function. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 612, 022020.	0.3	0
5025	Individual structural features constrain the mouse functional connectome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 26961-26969.	3.3	66
5026	Deterioration from healthy to mild cognitive impairment and Alzheimer’s disease mirrored in corresponding loss of centrality in directed brain networks. <i>Brain Informatics</i> , 2019, 6, 8.	1.8	9
5027	Abnormal Neural Activity in Children With Diffuse Intrinsic Pontine Glioma Had Manifested Deficit in Behavioral Inhibition. <i>Journal of Computer Assisted Tomography</i> , 2019, 43, 547-552.	0.5	4

#	ARTICLE	IF	CITATIONS
5028	Usability Evaluation the Prague Geoportal : Comparison of Methods. , 2019, , .		2
5029	Magnetic-Thermal Coupled Analysis of Eletromagnets for Medium-speed Maglev Train. , 2019, , .		2
5030	A Process Study of Laser Patterning of Different Conductive Layers for Printed Electronics. , 2019, , .		0
5031	Preliminary Experiment on the Effect of a Magic Circle on Behavior Change. , 2019, , .		0
5032	Private Pliable Index Coding. , 2019, , .		10
5033	Building a Cloud Solution for Energy Management using Raspberry Pi. , 2019, , .		2
5034	Stochastic Ranking for Offline Data-Driven Evolutionary Optimization Using Radial Basis Function Networks with Multiple Kernels. , 2019, , .		19
5035	Defending against ROP Attacks with Nearly Zero Overhead. , 2019, , .		1
5037	Adaptive Adversarial Videos on Roadside Billboards: Dynamically Modifying Trajectories of Autonomous Vehicles. , 2019, , .		15
5038	Improved Overmodulation Scheme of a Three-phase Inverter for Enhanced Output Torque of AC Motors. , 2019, , .		2
5039	Fast BIST Mechanism for Faster Validation of Memory Array. , 2019, , .		2
5040	Integrating Demand Response Aggregators with Negawatt Trading Mechanisms in Electricity Markets. , 2019, , .		2
5041	Obstacle Avoidance Using Stereo Vision and Deep Reinforcement Learning in an Animal-like Robot. , 2019, , .		0
5042	46 Supplementary Sensorimotor Area Surgery. , 2019, , .		0
5043	Altered Topological Organization in the Sensorimotor Network After Application of Different Frequency rTMS. <i>Frontiers in Neuroscience</i> , 2019, 13, 1377.	1.4	4
5044	FBMC and UFMC: The Modulation Techniques for 5G. , 2019, , .		11
5045	27 Language Lateralization and Localization: Functional Magnetic Resonance Imaging. , 2019, , .		0
5046	Detecting dynamic changes in modular organization of spontaneous brain activity: A preliminary study. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
5047	A network clustering based feature selection strategy for classifying autism spectrum disorder. BMC Medical Genomics, 2019, 12, 153.	0.7	7
5048	Graph-theory based analyses of human motor learning: A resting-state fMRI study. , 2019, , .		1
5049	Bibliometric Analysis of Salvia Miltiorrhiza Research Based on CNKI Chinese Academic Journal Database. , 2019, , .		1
5050	Designing Through Value Co-creation: A Study of Actors, Practices and Possibilities. , 2019, , .		2
5051	Speed Control Strategy of Permanent Magnet Synchronous Motor Drive Using SPWM Technique. , 2019, , .		5
5052	On the Analysis of the Impact of Scheduling Plans in Safety Critical Requirements in Virtualization. , 2019, , .		0
5053	Speeding Up Resting State Networks Recognition via a Hardware Accelerator. , 2019, , .		0
5054	Study on A Modified Adaptive Compressed Sensing Algorithm in Wireless Sensor Network of Microgrid. , 2019, , .		0
5055	StoryGAN: A Sequential Conditional GAN for Story Visualization. , 2019, , .		73
5056	RepNet: Weakly Supervised Training of an Adversarial Reprojection Network for 3D Human Pose Estimation. , 2019, , .		149
5057	Analysis, Modeling and Implementation of Novel DC-DC Converter Based on Interleaved and Cascaded Topology for Fuel Cell Vehicles. , 2019, , .		0
5058	Relation Structure-Aware Heterogeneous Graph Neural Network. , 2019, , .		41
5059	Research and implementation of intelligent vehicle path planning based on four-layer neural network. , 2019, , .		7
5060	Action Learning for Coral Detection and Species Classification. , 2019, , .		1
5061	Validation of HY-2A Satellite Sea Level Measurements Offshore Hong Kong Using Jason-2 Satellite and Tide Gauge Data. , 2019, , .		0
5062	Research on Digital Forensics Framework for Malicious Behavior in Cloud. , 2019, , .		1
5063	Two-Step Feature Selection for Identifying Developmental Differences in Resting fMRI Intrinsic Connectivity Networks. Applied Sciences (Switzerland), 2019, 9, 4298.	1.3	3
5064	Focal epilepsy caused by single cerebral cavernous malformation (CCM) is associated with regional and global resting state functional connectivity (FC) disruption. NeuroImage: Clinical, 2019, 24, 102072.	1.4	8

#	ARTICLE	IF	CITATIONS
5065	Increased soluble amyloid-beta causes early aberrant brain network hypersynchronisation in a mature-onset mouse model of amyloidosis. <i>Acta Neuropathologica Communications</i> , 2019, 7, 180.	2.4	19
5066	A Distance-Based Neurorehabilitation Evaluation Method Using Linear SVM and Resting-State fMRI. <i>Frontiers in Neurology</i> , 2019, 10, 1105.	1.1	3
5067	Intrinsic Functional Connectivity of the Brain in Adults with a Single Cerebral Hemisphere. <i>Cell Reports</i> , 2019, 29, 2398-2407.e4.	2.9	44
5068	Oscillation-specific nodal alterations in early to middle stages Parkinson's disease. <i>Translational Neurodegeneration</i> , 2019, 8, 36.	3.6	11
5069	Abnormal Connectivity Within Anterior Cortical Midline Structures in Bipolar Disorder: Evidence From Integrated MRI and Functional MRI. <i>Frontiers in Psychiatry</i> , 2019, 10, 788.	1.3	10
5070	Severe asymptomatic carotid stenosis is associated with robust reductions in homotopic functional connectivity. <i>NeuroImage: Clinical</i> , 2019, 24, 102101.	1.4	14
5071	Probabilistic Analysis of Nucleus Accumbens Signal Alterations in Rs-fMRI. , 2019, , .		0
5072	A New Mutual Information Measure to Estimate Functional Connectivity: Preliminary Study. , 2019, 2019, 640-643.		2
5073	Abnormal Spontaneous Neural Activity of the Central Auditory System Changes the Functional Connectivity in the Tinnitus Brain: A Resting-State Functional MRI Study. <i>Frontiers in Neuroscience</i> , 2019, 13, 1314.	1.4	15
5074	Pediatric Presurgical Functional MRI. <i>Topics in Magnetic Resonance Imaging</i> , 2019, 28, 197-204.	0.7	5
5075	Relapsing-Remitting Multiple Sclerosis Is Associated With Regional Brain Activity Deficits in Motor- and Cognitive-Related Brain Areas. <i>Frontiers in Neurology</i> , 2019, 10, 1136.	1.1	13
5076	Synaptic Plasticity Shapes Brain Connectivity: Implications for Network Topology. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6193.	1.8	78
5077	Bilingualism for Dementia: Neurological Mechanisms Associated With Functional and Structural Changes in the Brain. <i>Frontiers in Neuroscience</i> , 2019, 13, 1224.	1.4	16
5078	Temporal stability of fMRI in medetomidine-anesthetized rats. <i>Scientific Reports</i> , 2019, 9, 16673.	1.6	32
5079	How Big Data and High-performance Computing Drive Brain Science. <i>Genomics, Proteomics and Bioinformatics</i> , 2019, 17, 381-392.	3.0	33
5080	Neuroimaging advances in Parkinson's disease with freezing of gait: A systematic review. <i>NeuroImage: Clinical</i> , 2019, 24, 102059.	1.4	55
5081	Intelligence Science and Big Data Engineering. <i>Big Data and Machine Learning. Lecture Notes in Computer Science</i> , 2019, , .	1.0	0
5082	Arousal Contributions to Resting-State fMRI Connectivity and Dynamics. <i>Frontiers in Neuroscience</i> , 2019, 13, 1190.	1.4	17

#	ARTICLE	IF	CITATIONS
5083	The Impact of Spatial Normalization Strategies on the Temporal Features of the Resting-State Functional MRI: Spatial Normalization Before rs-fMRI Features Calculation May Reduce the Reliability. <i>Frontiers in Neuroscience</i> , 2019, 13, 1249.	1.4	3
5084	Global vs. Network-Specific Regulations as the Source of Intrinsic Coactivations in Resting-State Networks. <i>Frontiers in Systems Neuroscience</i> , 2019, 13, 65.	1.2	9
5085	Mapping optogenetically-driven single-vessel fMRI with concurrent neuronal calcium recordings in the rat hippocampus. <i>Nature Communications</i> , 2019, 10, 5239.	5.8	44
5086	Scale-free amplitude modulation of low-frequency fluctuations in episodic migraine. <i>Pain</i> , 2019, 160, 2298-2304.	2.0	8
5087	Applications of dynamic functional connectivity to pain and its modulation. <i>Pain Reports</i> , 2019, 4, e752.	1.4	22
5088	Partial Least Squares Regression Performs Well in MRI-Based Individualized Estimations. <i>Frontiers in Neuroscience</i> , 2019, 13, 1282.	1.4	26
5089	Probing neural networks for dynamic switches of communication pathways. <i>PLoS Computational Biology</i> , 2019, 15, e1007551.	1.5	7
5090	Functional Organization of the Human Brain in the Resting State. <i>Neuroscience and Behavioral Physiology</i> , 2019, 49, 1135-1144.	0.2	2
5091	Resting-state functional connectivity alterations in periventricular nodular heterotopia related epilepsy. <i>Scientific Reports</i> , 2019, 9, 18473.	1.6	5
5092	Interactions between sleep disturbances and Alzheimer's disease on brain function: a preliminary study combining the static and dynamic functional MRI. <i>Scientific Reports</i> , 2019, 9, 19064.	1.6	20
5093	Aging and Physiological Lessons from Master Athletes. , 2019, 10, 261-296.		38
5094	Weaker Inter-hemispheric and Local Functional Connectivity of the Somatomotor Cortex During a Motor Skill Acquisition Is Associated With Better Learning. <i>Frontiers in Neurology</i> , 2019, 10, 1242.	1.1	8
5095	Cerebral functional abnormalities in patients with nasopharyngeal carcinoma after radiotherapy. <i>Chinese Medical Journal</i> , 2019, 132, 1563-1571.	0.9	8
5096	Effective Connectivity in Subjects With Mild Cognitive Impairment as Assessed Using Functional Near-Infrared Spectroscopy. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2019, 98, 438-445.	0.7	27
5097	Brain mechanisms impacted by psychological therapies for pain: identifying targets for optimization of treatment effects. <i>Pain Reports</i> , 2019, 4, e767.	1.4	19
5098	Fetal Echoplanar Imaging. <i>Topics in Magnetic Resonance Imaging</i> , 2019, 28, 245-254.	0.7	8
5099	Functional Connectivity in Neurodegenerative Disorders. <i>Topics in Magnetic Resonance Imaging</i> , 2019, 28, 317-324.	0.7	32
5100	Acupuncture for patients with insomnia disorder using resting-state functional magnetic resonance imaging: a protocol for a randomized controlled trial. <i>Trials</i> , 2019, 20, 685.	0.7	5

#	ARTICLE	IF	CITATIONS
5101	The State of Resting State Networks. Topics in Magnetic Resonance Imaging, 2019, 28, 189-196.	0.7	54
5102	Mindfulness video game improves connectivity of the fronto-parietal attentional network in adolescents: A multi-modal imaging study. Scientific Reports, 2019, 9, 18667.	1.6	8
5103	Diverse functional connectivity patterns of resting-state brain networks associated with good and poor hand outcomes following stroke. NeuroImage: Clinical, 2019, 24, 102065.	1.4	19
5104	Altered Amplitude of Low-Frequency Fluctuations in Inactive Patients with Nonneuropsychiatric Systemic Lupus Erythematosus. Neural Plasticity, 2019, 2019, 1-10.	1.0	20
5105	Depression Affects Intrinsic Brain Activity in Patients With Mild Cognitive Impairment. Frontiers in Neuroscience, 2019, 13, 1333.	1.4	37
5106	Chronic Tinnitus Exhibits Bidirectional Functional Dysconnectivity in Frontostriatal Circuit. Frontiers in Neuroscience, 2019, 13, 1299.	1.4	18
5107	Overall survival time prediction for high-grade glioma patients based on large-scale brain functional networks. Brain Imaging and Behavior, 2019, 13, 1333-1351.	1.1	37
5108	Prefrontal glutamate levels predict altered amygdala-prefrontal connectivity in traumatized youths. Psychological Medicine, 2019, 49, 1822-1830.	2.7	18
5109	Functional tractography of white matter by high angular resolution functional correlation imaging (HARFI). Magnetic Resonance in Medicine, 2019, 81, 2011-2024.	1.9	21
5110	Associations of brain entropy (BEN) to cerebral blood flow and fractional amplitude of low-frequency fluctuations in the resting brain. Brain Imaging and Behavior, 2019, 13, 1486-1495.	1.1	31
5111	Quality of life is related to the functional connectivity of the default mode network at rest. Brain Imaging and Behavior, 2019, 13, 1418-1426.	1.1	7
5112	A resting state fMRI analysis pipeline for pooling inference across diverse cohorts: an ENIGMA rs-fMRI protocol. Brain Imaging and Behavior, 2019, 13, 1453-1467.	1.1	49
5113	Distinct Patterns of Atypical Functional Connectivity in Lower-Functioning Autism. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2019, 4, 251-259.	1.1	20
5114	Prospective administration of anti-nerve growth factor treatment effectively suppresses functional connectivity alterations after cancer-induced bone pain in mice. Pain, 2019, 160, 151-159.	2.0	24
5115	Functional Connectivity Analysis of Cerebellum Using Spatially Constrained Spectral Clustering. IEEE Journal of Biomedical and Health Informatics, 2019, 23, 1710-1719.	3.9	3
5116	Breath hold effect on cardiovascular brain pulsations - A multimodal magnetic resonance encephalography study. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 2471-2485.	2.4	28
5117	The contribution of brain imaging to the understanding of psychopathy. Psychological Medicine, 2019, 49, 20-31.	2.7	29
5118	Tilted CAIPI for highly accelerated distortion-free EPI with point spread function (PSF) encoding. Magnetic Resonance in Medicine, 2019, 81, 377-392.	1.9	37

#	ARTICLE	IF	CITATIONS
5119	Resting-state white matter-cortical connectivity in non-human primate brain. <i>NeuroImage</i> , 2019, 184, 45-55.	2.1	26
5120	Resting-state fMRI in Parkinson's disease patients with cognitive impairment: A meta-analysis. <i>Parkinsonism and Related Disorders</i> , 2019, 62, 16-27.	1.1	122
5121	Parcellation of functional sub-regions from fMRI: A graph clustering based approach. <i>Biomedical Signal Processing and Control</i> , 2019, 49, 181-191.	3.5	2
5122	Disruption of periaqueductal grey-default mode network functional connectivity predicts persistent post-traumatic headache in mild traumatic brain injury. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019, 90, 326-332.	0.9	38
5123	Making Sense of Connectivity. <i>International Journal of Neuropsychopharmacology</i> , 2019, 22, 194-207.	1.0	22
5124	Correlates of Residual Limb Pain: From Residual Limb Length and Usage to Metabolites and Activity in Secondary Somatosensory Cortex. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2019, 27, 96-104.	2.7	7
5125	Overlaps in brain dynamic functional connectivity between schizophrenia and autism spectrum disorder. <i>Scientific African</i> , 2019, 2, e00019.	0.7	5
5126	Development and Emergence of Individual Variability in the Functional Connectivity Architecture of the Preterm Human Brain. <i>Cerebral Cortex</i> , 2019, 29, 4208-4222.	1.6	44
5127	A survey on applications and analysis methods of functional magnetic resonance imaging for Alzheimer's disease. <i>Journal of Neuroscience Methods</i> , 2019, 317, 121-140.	1.3	33
5128	Hypoconnectivity of insular resting-state networks in adolescents with Autism Spectrum Disorder. <i>Psychiatry Research - Neuroimaging</i> , 2019, 283, 104-112.	0.9	16
5129	Functionally distinct language and Theory of Mind networks are synchronized at rest and during language comprehension. <i>Journal of Neurophysiology</i> , 2019, 121, 1244-1265.	0.9	73
5130	Dynamic Alterations in Spontaneous Neural Activity in Multiple Brain Networks in Subacute Stroke Patients: A Resting-State fMRI Study. <i>Frontiers in Neuroscience</i> , 2018, 12, 994.	1.4	55
5131	Structural and Functional Magnetic Resonance Imaging of Dementia With Lewy Bodies. <i>International Review of Neurobiology</i> , 2019, 144, 95-141.	0.9	8
5132	A concise and persistent feature to study brain resting-state network dynamics: Findings from the Alzheimer's Disease Neuroimaging Initiative. <i>Human Brain Mapping</i> , 2019, 40, 1062-1081.	1.9	26
5133	The Cerebral Cortex is Bisectionally Segregated into Two Fundamentally Different Functional Units of Gyri and Sulci. <i>Cerebral Cortex</i> , 2019, 29, 4238-4252.	1.6	28
5134	Integrated multi-echo denoising strategy improves identification of inherent language laterality. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 3262-3271.	1.9	9
5135	Resting-State Activity in High-Order Visual Areas as a Window into Natural Human Brain Activations. <i>Cerebral Cortex</i> , 2019, 29, 3618-3635.	1.6	12
5136	Letter: Deep Brain Stimulation of the Pedunclopontine Nucleus Area in Parkinson Disease: Magnetic Resonance Imaging-Based Anatomoclinical Correlations and Optimal Target. <i>Neurosurgery</i> , 2019, 84, E103-E105.	0.6	1

#	ARTICLE	IF	CITATIONS
5137	Amplitude of low-frequency fluctuations in childhood-onset schizophrenia with or without obsessive-compulsive symptoms: a resting-state functional magnetic resonance imaging study. Archives of Medical Science, 2019, 15, 126-133.	0.4	9
5138	Toward a complete taxonomy of resting state networks across wakefulness and sleep: an assessment of spatially distinct resting state networks using independent component analysis. Sleep, 2019, 42, .	0.6	14
5139	Smooth Interpolation of Covariance Matrices and Brain Network Estimation. IEEE Transactions on Automatic Control, 2019, 64, 3184-3193.	3.6	2
5140	Two-Year Longitudinal Monitoring of Amnesic Mild Cognitive Impairment Patients with Prodromal Alzheimer's Disease Using Topographical Biomarkers Derived from Functional Magnetic Resonance Imaging and Electroencephalographic Activity. Journal of Alzheimer's Disease, 2019, 69, 15-35.	1.2	34
5141	Prism adaptation changes resting-state functional connectivity in the dorsal stream of visual attention networks in healthy adults: A fMRI study. Cortex, 2019, 119, 594-605.	1.1	22
5142	Sensorimotor network segregation declines with age and is linked to GABA and to sensorimotor performance. NeuroImage, 2019, 186, 234-244.	2.1	109
5143	Intrinsic brain abnormalities in drug-naive patients with obsessive-compulsive disorder: A resting-state functional MRI study. Journal of Affective Disorders, 2019, 245, 861-868.	2.0	23
5144	Disrupted structural and functional brain networks in Alzheimer's disease. Neurobiology of Aging, 2019, 75, 71-82.	1.5	133
5145	Beware detrending: Optimal preprocessing pipeline for low-frequency fluctuation analysis. Human Brain Mapping, 2019, 40, 1571-1582.	1.9	14
5146	Visual search task immediate training effects on task-related functional connectivity. Brain Imaging and Behavior, 2019, 13, 1566-1579.	1.1	6
5147	Imaging functional motor connectivity in hemiparetic children with perinatal stroke. Human Brain Mapping, 2019, 40, 1632-1642.	1.9	29
5148	Functional hierarchy of oculomotor and visual motion subnetworks within the human cortical optokinetic system. Brain Structure and Function, 2019, 224, 567-582.	1.2	3
5149	Rehabilitation in chronic spatial neglect strengthens resting-state connectivity. Acta Neurologica Scandinavica, 2019, 139, 254-259.	1.0	14
5150	EEG Resting-State Networks Responsible for Gait Disturbance Features in Idiopathic Normal Pressure Hydrocephalus. Clinical EEG and Neuroscience, 2019, 50, 210-218.	0.9	10
5151	Evaluation of different cerebrospinal fluid and white matter fMRI filtering strategies—Quantifying noise removal and neural signal preservation. Human Brain Mapping, 2019, 40, 1114-1138.	1.9	22
5152	Neuronal dynamics enable the functional differentiation of resting state networks in the human brain. Human Brain Mapping, 2019, 40, 1445-1457.	1.9	40
5153	Estimation of brain functional connectivity from hypercapnia BOLD MRI data: Validation in a lifespan cohort of 170 subjects. NeuroImage, 2019, 186, 455-463.	2.1	14
5154	Large-scale brain functional network topology disruptions underlie symptom heterogeneity in children with attention-deficit/hyperactivity disorder. NeuroImage: Clinical, 2019, 21, 101600.	1.4	61

#	ARTICLE	IF	CITATIONS
5155	An update on advances in magnetic resonance imaging of multiple system atrophy. <i>Journal of Neurology</i> , 2019, 266, 1036-1045.	1.8	47
5156	The Feasibility of Integrating Resting-State fMRI Networks into Radiotherapy Treatment Planning. <i>Journal of Medical Imaging and Radiation Sciences</i> , 2019, 50, 119-128.	0.2	4
5157	Identification of Subclinical Language Deficit Using Machine Learning Classification Based on Poststroke Functional Connectivity Derived from Low Frequency Oscillations. <i>Brain Connectivity</i> , 2019, 9, 194-208.	0.8	5
5158	Functional Magnetic Resonance Imaging Activation Optimization in the Setting of Brain Tumor-Induced Neurovascular Uncoupling Using Resting-State Blood Oxygen Level-Dependent Amplitude of Low Frequency Fluctuations. <i>Brain Connectivity</i> , 2019, 9, 241-250.	0.8	12
5159	EEG Resting-State Networks in Dementia with Lewy Bodies Associated with Clinical Symptoms. <i>Neuropsychobiology</i> , 2019, 77, 206-218.	0.9	16
5160	Spatial and spectral trajectories in typical neurodevelopment from childhood to middle age. <i>Network Neuroscience</i> , 2019, 3, 497-520.	1.4	27
5161	Effect of Increasing Age on Brain Dysfunction in Cirrhosis. <i>Hepatology Communications</i> , 2019, 3, 63-73.	2.0	7
5162	Gut microbiome and brain functional connectivity in infants-a preliminary study focusing on the amygdala. <i>Psychopharmacology</i> , 2019, 236, 1641-1651.	1.5	91
5163	Characterizing dynamic functional connectivity using data-driven approaches and its application in the diagnosis of alzheimer's disease. , 2019, , 181-197.		1
5164	Simultaneous task-based BOLD-fMRI and [18-F] FDG functional PET for measurement of neuronal metabolism in the human visual cortex. <i>NeuroImage</i> , 2019, 189, 258-266.	2.1	59
5165	Connectome-based model predicts individual differences in propensity to trust. <i>Human Brain Mapping</i> , 2019, 40, 1942-1954.	1.9	35
5166	Dynamic Functional Network Connectivity in Schizophrenia with Magnetoencephalography and Functional Magnetic Resonance Imaging: Do Different Timescales Tell a Different Story?. <i>Brain Connectivity</i> , 2019, 9, 251-262.	0.8	29
5167	Abnormal amplitude of low frequency fluctuation and functional connectivity in non-neuropsychiatric systemic lupus erythematosus: a resting-state fMRI study. <i>Neuroradiology</i> , 2019, 61, 331-340.	1.1	15
5168	Univariate and multivariate analyses of functional networks in absolute pitch. <i>NeuroImage</i> , 2019, 189, 241-247.	2.1	33
5169	Nuclei-specific thalamic connectivity predicts seizure frequency in drug-resistant medial temporal lobe epilepsy. <i>NeuroImage: Clinical</i> , 2019, 21, 101671.	1.4	17
5170	Association of functional dorsal attention network alterations with breast cancer and chemotherapy. <i>Scientific Reports</i> , 2019, 9, 104.	1.6	20
5171	Functionally dissociating ventro-dorsal components within the rostro-caudal hierarchical organization of the human prefrontal cortex. <i>NeuroImage</i> , 2019, 185, 398-407.	2.1	12
5172	Alterations in resting-state local functional connectivity in obsessive-compulsive disorder. <i>Journal of Affective Disorders</i> , 2019, 245, 113-119.	2.0	22

#	ARTICLE	IF	CITATIONS
5173	Enhancing the representation of functional connectivity networks by fusing multi-view information for autism spectrum disorder diagnosis. <i>Human Brain Mapping</i> , 2019, 40, 833-854.	1.9	47
5174	Directed functional connections underlying spontaneous brain activity. <i>Human Brain Mapping</i> , 2019, 40, 879-888.	1.9	44
5175	Partially impaired functional connectivity states between right anterior insula and default mode network in autism spectrum disorder. <i>Human Brain Mapping</i> , 2019, 40, 1264-1275.	1.9	65
5176	Opposing patterns of neuronal variability in the sensorimotor network mediate cyclothymic and depressive temperaments. <i>Human Brain Mapping</i> , 2019, 40, 1344-1352.	1.9	22
5177	Associations between children's family environment, spontaneous brain oscillations, and emotional and behavioral problems. <i>European Child and Adolescent Psychiatry</i> , 2019, 28, 835-845.	2.8	9
5178	Preoperative localization of the sensorimotor cortex and measurement of tumor perfusion in a single acquisition using ASL technique. <i>Journal of Clinical Neuroscience</i> , 2019, 59, 367-371.	0.8	2
5179	Sertraline Effects on Striatal Resting-State Functional Connectivity in Youth With Obsessive-Compulsive Disorder: A Pilot Study. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2019, 58, 486-495.	0.3	19
5180	A systematic review on the quantitative relationship between structural and functional network connectivity strength in mammalian brains. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 189-209.	2.4	85
5181	Functional Brain Network Changes Following Use of an Allostatic, Closed-Loop, Acoustic Stimulation Neurotechnology for Military-Related Traumatic Stress. <i>Journal of Neuroimaging</i> , 2019, 29, 70-78.	1.0	10
5182	Mapping Structure-Function Relationships in the Brain. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 510-521.	1.1	11
5183	Sequence Alterations of Cortical Genes Linked to Individual Connectivity of the Human Brain. <i>Cerebral Cortex</i> , 2019, 29, 3828-3835.	1.6	10
5184	Alterations in patients with major depressive disorder before and after electroconvulsive therapy measured by fractional amplitude of low-frequency fluctuations (fALFF). <i>Journal of Affective Disorders</i> , 2019, 244, 92-99.	2.0	41
5185	Model testing for distinctive functional connectivity gradients with resting-state fMRI data. <i>NeuroImage</i> , 2019, 185, 102-110.	2.1	11
5187	Scalable and Robust Tensor Decomposition of Spontaneous Stereotactic EEG Data. <i>IEEE Transactions on Biomedical Engineering</i> , 2019, 66, 1549-1558.	2.5	10
5188	Traces of statistical learning in the brain's functional connectivity after artificial language exposure. <i>Neuropsychologia</i> , 2019, 124, 246-253.	0.7	0
5189	Increased Functional Connectivity Between Ventral Attention and Default Mode Networks in Adolescents With Bulimia Nervosa. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2019, 58, 232-241.	0.3	32
5190	Altered resting-state cerebral blood flow and functional connectivity of striatum in bipolar disorder and major depressive disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 90, 177-185.	2.5	84
5191	Identification of Common Thalamocortical Dysconnectivity in Four Major Psychiatric Disorders. <i>Schizophrenia Bulletin</i> , 2019, 45, 1143-1151.	2.3	44

#	ARTICLE	IF	CITATIONS
5192	Tracking the dynamic functional connectivity structure of the human brain across the adult lifespan. <i>Human Brain Mapping</i> , 2019, 40, 717-728.	1.9	62
5193	Neuromodulatory Effects of Transcranial Direct Current Stimulation Revealed by Functional Magnetic Resonance Imaging. , 2019, , 143-145.		0
5194	Metabolic covariance networks combining graph theory measuring aberrant topological patterns in mesial temporal lobe epilepsy. <i>CNS Neuroscience and Therapeutics</i> , 2019, 25, 396-408.	1.9	19
5195	Altered brain functional network in children with type 1 Gaucher disease: a longitudinal graph theory-based study. <i>Neuroradiology</i> , 2019, 61, 63-70.	1.1	8
5196	Development of Amygdala Functional Connectivity During Infancy and Its Relationship With 4-Year Behavioral Outcomes. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 62-71.	1.1	31
5197	Advantages of short repetition time resting-state functional MRI enabled by simultaneous multi-slice imaging. <i>Journal of Neuroscience Methods</i> , 2019, 311, 122-132.	1.3	25
5198	Spatial parcellations, spectral filtering, and connectivity measures in fMRI: Optimizing for discrimination. <i>Human Brain Mapping</i> , 2019, 40, 407-419.	1.9	32
5199	Distinct modes of functional connectivity induced by movie-watching. <i>NeuroImage</i> , 2019, 184, 335-348.	2.1	23
5200	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.	1.9	59
5201	Human Connectome Project-style resting-state functional MRI at 7 Tesla using radiofrequency parallel transmission. <i>NeuroImage</i> , 2019, 184, 396-408.	2.1	22
5202	Background connectivity between frontal and sensory cortex depends on task state, independent of stimulus modality. <i>NeuroImage</i> , 2019, 184, 790-800.	2.1	5
5203	Functional plasticity of the dorsomedial prefrontal cortex in depression reorganized by electroconvulsive therapy: Validation in two independent samples. <i>Human Brain Mapping</i> , 2019, 40, 465-473.	1.9	41
5204	A network view on brain regions involved in experts'™ object and pattern recognition: Implications for the neural mechanisms of skilled visual perception. <i>Brain and Cognition</i> , 2019, 131, 74-86.	0.8	7
5205	Reward-related regions form a preferentially coupled system at rest. <i>Human Brain Mapping</i> , 2019, 40, 361-376.	1.9	23
5206	Resting state dynamics meets anatomical structure: Temporal multiple kernel learning (tMKL) model. <i>NeuroImage</i> , 2019, 184, 609-620.	2.1	19
5207	From eyes-closed to eyes-open: Role of cholinergic projections in EC-toEO alpha reactivity revealed by combining EEG and MRI. <i>Human Brain Mapping</i> , 2019, 40, 566-577.	1.9	65
5208	Functional connectivity with cortical depth assessed by resting state fMRI of subregions of S1 in squirrel monkeys. <i>Human Brain Mapping</i> , 2019, 40, 329-339.	1.9	11
5209	Connectivity and dysconnectivity: A brief history of functional connectivity research in schizophrenia and future directions. , 2019, , 123-154.		5

#	ARTICLE	IF	CITATIONS
5210	Toward a more integrative cognitive neuroscience of episodic memory. , 2019, , 199-218.		0
5211	The impact of motor impairment on the processing of sensory information. Behavioural Brain Research, 2019, 359, 701-708.	1.2	10
5212	The ebb and flow of attention: Between-subject variation in intrinsic connectivity and cognition associated with the dynamics of ongoing experience. NeuroImage, 2019, 185, 286-299.	2.1	87
5213	A mixed-modeling framework for analyzing multitask whole-brain network data. Network Neuroscience, 2019, 3, 307-324.	1.4	19
5214	Mapping the human brain's cortical-subcortical functional network organization. NeuroImage, 2019, 185, 35-57.	2.1	371
5215	Global fluctuations of cerebral blood flow indicate a global brain network independent of systemic factors. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 302-312.	2.4	15
5216	Cortical-hippocampal functional connectivity during covert consolidation sub-serves associative learning: Evidence for an active "rest" state. Brain and Cognition, 2019, 131, 45-55.	0.8	10
5217	Motion artifact in studies of functional connectivity: Characteristics and mitigation strategies. Human Brain Mapping, 2019, 40, 2033-2051.	1.9	104
5218	Sex differences and menstrual cycle effects in cognitive and sensory resting state networks. Brain and Cognition, 2019, 131, 66-73.	0.8	71
5219	Using resting-state fMRI to assess the effect of aerobic exercise on functional connectivity of the DLPFC in older overweight adults. Brain and Cognition, 2019, 131, 34-44.	0.8	35
5220	Identify a shared neural circuit linking multiple neuropsychiatric symptoms with Alzheimer's pathology. Brain Imaging and Behavior, 2019, 13, 53-64.	1.1	12
5221	Brain functional connectivity in headache disorders: A narrative review of MRI investigations. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 650-669.	2.4	72
5222	Reduced spontaneous low frequency oscillations as measured with functional near-infrared spectroscopy in mild cognitive impairment. Brain Imaging and Behavior, 2019, 13, 283-292.	1.1	22
5223	Neuronal Origin of the Temporal Dynamics of Spontaneous BOLD Activity Correlation. Cerebral Cortex, 2019, 29, 1496-1508.	1.6	56
5224	Sexual Dimorphism of Resting-State Network Connectivity in Healthy Ageing. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2019, 74, 1121-1131.	2.4	27
5225	Graph theory approaches to functional network organization in brain disorders: A critique for a brave new small-world. Network Neuroscience, 2019, 3, 1-26.	1.4	148
5226	Linked 4-Way Multimodal Brain Differences in Schizophrenia in a Large Chinese Han Population. Schizophrenia Bulletin, 2019, 45, 436-449.	2.3	38
5227	Association Between Brain Activation and Functional Connectivity. Cerebral Cortex, 2019, 29, 1984-1996.	1.6	40

#	ARTICLE	IF	CITATIONS
5228	A review on neuroimaging studies of genetic and environmental influences on early brain development. <i>NeuroImage</i> , 2019, 185, 802-812.	2.1	42
5229	White-matter functional networks changes in patients with schizophrenia. <i>NeuroImage</i> , 2019, 190, 172-181.	2.1	106
5230	The neural markers of MRI to differentiate depression and panic disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 91, 72-78.	2.5	21
5231	The Neural Correlates of Intelligence Comparison. <i>Cerebral Cortex</i> , 2019, 29, 253-264.	1.6	5
5232	Delta Rhythm Orchestrates the Neural Activity Underlying the Resting State BOLD Signal via Phase-amplitude Coupling. <i>Cerebral Cortex</i> , 2019, 29, 119-133.	1.6	28
5233	Cocaine Decreases Spontaneous Neuronal Activity and Increases Low-Frequency Neuronal and Hemodynamic Cortical Oscillations. <i>Cerebral Cortex</i> , 2019, 29, 1594-1606.	1.6	5
5234	Multi-Scale Factor Analysis of High-Dimensional Functional Connectivity in Brain Networks. <i>IEEE Transactions on Network Science and Engineering</i> , 2020, 7, 449-465.	4.1	4
5235	Methylphenidate Alters Functional Connectivity of Default Mode Network in Drug-Naive Male Adults With ADHD. <i>Journal of Attention Disorders</i> , 2020, 24, 447-455.	1.5	20
5236	Changed hub and functional connectivity patterns of the posterior fusiform gyrus in chess experts. <i>Brain Imaging and Behavior</i> , 2020, 14, 797-805.	1.1	14
5237	Aberrant cerebellar neural activity and cerebro-cerebellar functional connectivity involving executive dysfunction in schizophrenia with primary negative symptoms. <i>Brain Imaging and Behavior</i> , 2020, 14, 869-880.	1.1	14
5238	Altered hemodynamics contribute to local but not remote functional connectivity disruption due to glioma growth. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 100-115.	2.4	20
5239	Synchronization in Functional Networks of the Human Brain. <i>Journal of Nonlinear Science</i> , 2020, 30, 2259-2282.	1.0	14
5240	Binge drinking is associated with altered resting state functional connectivity of reward-salience and top down control networks. <i>Brain Imaging and Behavior</i> , 2020, 14, 1731-1746.	1.1	16
5241	The effects of lutein and zeaxanthin on resting state functional connectivity in older Caucasian adults: a randomized controlled trial. <i>Brain Imaging and Behavior</i> , 2020, 14, 668-681.	1.1	9
5242	Common and specific altered amplitude of low-frequency fluctuations in Parkinson's disease patients with and without freezing of gait in different frequency bands. <i>Brain Imaging and Behavior</i> , 2020, 14, 857-868.	1.1	18
5243	Active information storage in Parkinson's disease: a resting state fMRI study over the sensorimotor cortex. <i>Brain Imaging and Behavior</i> , 2020, 14, 1143-1153.	1.1	4
5244	Theta-burst transcranial magnetic stimulation induced functional connectivity changes between dorsolateral prefrontal cortex and default-mode-network. <i>Brain Imaging and Behavior</i> , 2020, 14, 1955-1963.	1.1	18
5245	Intrinsic functional connectivity of medial prefrontal cortex predicts the individual moral bias in economic valuation partially through the moral sensitivity trait. <i>Brain Imaging and Behavior</i> , 2020, 14, 2024-2036.	1.1	9

#	ARTICLE	IF	CITATIONS
5246	Relationship of negative urgency to cingulo-insular and cortico-striatal resting state functional connectivity in tobacco use. <i>Brain Imaging and Behavior</i> , 2020, 14, 1921-1932.	1.1	6
5247	Abnormal Functional Relationship of Sensorimotor Network With Neurotransmitter-Related Nuclei via Subcortical-Cortical Loops in Manic and Depressive Phases of Bipolar Disorder. <i>Schizophrenia Bulletin</i> , 2020, 46, 163-174.	2.3	42
5248	The motor engram as a dynamic change of the cortical network during early sequence learning: An fMRI study. <i>Neuroscience Research</i> , 2020, 153, 27-39.	1.0	14
5249	Opposite effects of dopamine and serotonin on resting-state networks: review and implications for psychiatric disorders. <i>Molecular Psychiatry</i> , 2020, 25, 82-93.	4.1	155
5250	Multiscale Structureâ€“Function Gradients in the Neonatal Connectome. <i>Cerebral Cortex</i> , 2020, 30, 47-58.	1.6	83
5251	Intrinsic connectivity identifies the sensory-motor network as a main cross-network between remitted late-life depression- and amnesic mild cognitive impairment-targeted networks. <i>Brain Imaging and Behavior</i> , 2020, 14, 1130-1142.	1.1	13
5252	Hierarchical Structured Sparse Learning for Schizophrenia Identification. <i>Neuroinformatics</i> , 2020, 18, 43-57.	1.5	12
5253	Associations between Neighborhood SES and Functional Brain Network Development. <i>Cerebral Cortex</i> , 2020, 30, 1-19.	1.6	74
5254	Aberrant insular cortex connectivity in abstinent alcoholâ€“dependent rats is reversed by dopamine D3 receptor blockade. <i>Addiction Biology</i> , 2020, 25, e12744.	1.4	16
5255	Dimensions of pain catastrophising and specific structural and functional alterations in patients with chronic pain: Evidence in medication-overuse headache. <i>World Journal of Biological Psychiatry</i> , 2020, 21, 726-738.	1.3	9
5256	Altered Brain Entropy as a predictor of antidepressant response in major depressive disorder. <i>Journal of Affective Disorders</i> , 2020, 260, 716-721.	2.0	16
5257	Large scale networks for human hand-object interaction: Functionally distinct roles for two premotor regions identified intraoperatively. <i>NeuroImage</i> , 2020, 204, 116215.	2.1	12
5258	Under the Mind's Hood: What We Have Learned by Watching the Brain at Work. <i>Journal of Neuroscience</i> , 2020, 40, 89-100.	1.7	10
5259	Mapping language with restingâ€“state functional magnetic resonance imaging: A study on the functional profile of the language network. <i>Human Brain Mapping</i> , 2020, 41, 545-560.	1.9	27
5260	Abnormal perfusion fluctuation and perfusion connectivity in bipolar disorder measured by dynamic arterial spin labeling. <i>Bipolar Disorders</i> , 2020, 22, 401-410.	1.1	8
5261	Functional connectivity differences in brain networks from childhood to youth. <i>International Journal of Imaging Systems and Technology</i> , 2020, 30, 75-91.	2.7	3
5262	Deep neural networks and kernel regression achieve comparable accuracies for functional connectivity prediction of behavior and demographics. <i>NeuroImage</i> , 2020, 206, 116276.	2.1	187
5263	Oxytocin Enhances an Amygdala Circuit Associated With Negative Symptoms in Schizophrenia: A Single-Dose, Placebo-Controlled, Crossover, Randomized Control Trial. <i>Schizophrenia Bulletin</i> , 2020, 46, 661-669.	2.3	12

#	ARTICLE	IF	CITATIONS
5264	Common functional networks in the mouse brain revealed by multi-centre resting-state fMRI analysis. <i>NeuroImage</i> , 2020, 205, 116278.	2.1	151
5265	Neurofilament-lysosomal genetic intersections in the cortical network of stuttering. <i>Progress in Neurobiology</i> , 2020, 184, 101718.	2.8	30
5266	Altered effective connectivity of primary visual cortex in primary angle closure glaucoma using Granger causality analysis. <i>Acta Radiologica</i> , 2020, 61, 508-519.	0.5	1
5267	Dynamics of the cerebral blood flow response to brief neural activity in human visual cortex. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 1823-1837.	2.4	13
5268	Variation of functional brain connectivity in epileptic seizures: an EEG analysis with cross-frequency phase synchronization. <i>Cognitive Neurodynamics</i> , 2020, 14, 35-49.	2.3	33
5269	Resting state fMRI analysis using unsupervised learning algorithms. <i>Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization</i> , 2020, 8, 252-265.	1.3	0
5270	Classification of Unmedicated Bipolar Disorder Using Whole-Brain Functional Activity and Connectivity: A Radiomics Analysis. <i>Cerebral Cortex</i> , 2020, 30, 1117-1128.	1.6	52
5271	Smooth Interpolation of Covariance Matrices and Brain Network Estimation: Part II. <i>IEEE Transactions on Automatic Control</i> , 2020, 65, 1901-1910.	3.6	1
5272	Directed functional connectivity of the hippocampus in patients with presbycusis. <i>Brain Imaging and Behavior</i> , 2020, 14, 917-926.	1.1	24
5273	Cluster Headache and other Trigeminal Autonomic Cephalgias. <i>Headache</i> , 2020, , .	0.2	3
5274	Neuroimaging in Cluster Headache and Trigeminal Autonomic Cephalalgias. <i>Headache</i> , 2020, , 67-90.	0.2	1
5275	Atypical Functional Connectivity in Tourette Syndrome Differs Between Children and Adults. <i>Biological Psychiatry</i> , 2020, 87, 164-173.	0.7	45
5276	Alterations in knee sensorimotor brain functional connectivity contributes to ACL injury in male high-school football players: a prospective neuroimaging analysis. <i>Brazilian Journal of Physical Therapy</i> , 2020, 24, 415-423.	1.1	21
5277	Organization of Propagated Intrinsic Brain Activity in Individual Humans. <i>Cerebral Cortex</i> , 2020, 30, 1716-1734.	1.6	48
5278	Frequency-dependent changes in fractional amplitude of low-frequency oscillations in Alzheimer's disease: a resting-state fMRI study. <i>Brain Imaging and Behavior</i> , 2020, 14, 2187-2201.	1.1	52
5279	Effects of physical training on brain functional connectivity of methamphetamine dependencies as assessed using functional near-infrared spectroscopy. <i>Neuroscience Letters</i> , 2020, 715, 134605.	1.0	15
5280	Propeller echo-planar time-resolved imaging with dynamic encoding (PEPTIDE). <i>Magnetic Resonance in Medicine</i> , 2020, 83, 2124-2137.	1.9	13
5281	Associations between cerebral blood flow and structural and functional brain imaging measures in individuals with neuropsychologically defined mild cognitive impairment. <i>Neurobiology of Aging</i> , 2020, 86, 64-74.	1.5	42

#	ARTICLE	IF	CITATIONS
5282	A unified framework for mapping individual interregional high-order morphological connectivity based on regional cortical features from anatomical MRI. <i>Magnetic Resonance Imaging</i> , 2020, 66, 232-239.	1.0	6
5283	Cognitive Control Network Homogeneity and Executive Functions in Late-Life Depression. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 213-221.	1.1	23
5284	Discovering the Computational Relevance of Brain Network Organization. <i>Trends in Cognitive Sciences</i> , 2020, 24, 25-38.	4.0	49
5285	Effects of ketamine and midazolam on resting state connectivity and comparison with ENIGMA connectivity deficit patterns in schizophrenia. <i>Human Brain Mapping</i> , 2020, 41, 767-778.	1.9	19
5286	Temporal stability of functional brain modules associated with human intelligence. <i>Human Brain Mapping</i> , 2020, 41, 362-372.	1.9	64
5287	MRI findings in posttraumatic stress disorder. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 52, 380-396.	1.9	86
5288	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, 116285.	2.1	48
5289	A set of functionally-defined brain regions with improved representation of the subcortex and cerebellum. <i>NeuroImage</i> , 2020, 206, 116290.	2.1	143
5290	Editorial: Mapping the Miswired Connectome in Autism Spectrum Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2020, 59, 348-349.	0.3	7
5291	Aging relates to a disproportionately weaker functional architecture of brain networks during rest and task states. <i>NeuroImage</i> , 2020, 209, 116521.	2.1	29
5292	Hippocampal diaschisis contributes to anosognosia for hemiplegia: Evidence from lesion network-symptom-mapping. <i>NeuroImage</i> , 2020, 208, 116485.	2.1	22
5293	Association of Intrinsic Brain Architecture With Changes in Attentional and Mood Symptoms During Development. <i>JAMA Psychiatry</i> , 2020, 77, 378.	6.0	40
5294	Beyond the Epileptic Focus: Functional Epileptic Networks in Focal Epilepsy. <i>Cerebral Cortex</i> , 2020, 30, 2338-2357.	1.6	14
5295	Cognitive correlates of cerebellar resting-state functional connectivity in Parkinson disease. <i>Neurology</i> , 2020, 94, e384-e396.	1.5	30
5296	Effects of motion related outliers in dynamic functional connectivity using the sliding window method. <i>Journal of Neuroscience Methods</i> , 2020, 330, 108519.	1.3	20
5297	Estimating regional cerebral blood flow using resting-state functional MRI via machine learning. <i>Journal of Neuroscience Methods</i> , 2020, 331, 108528.	1.3	6
5298	Major depressive disorder identification by referenced multiset canonical correlation analysis with clinical scores. <i>Medical Image Analysis</i> , 2020, 60, 101600.	7.0	5
5299	Human cortical networking by probabilistic and frequency-specific coupling. <i>NeuroImage</i> , 2020, 207, 116363.	2.1	12

#	ARTICLE	IF	CITATIONS
5300	The anatomical basis for transcutaneous auricular vagus nerve stimulation. <i>Journal of Anatomy</i> , 2020, 236, 588-611.	0.9	236
5301	Metabolic Network Topology of Alzheimer's Disease and Dementia with Lewy Bodies Generated Using Fluorodeoxyglucose Positron Emission Tomography. <i>Journal of Alzheimer's Disease</i> , 2020, 73, 197-207.	1.2	10
5302	Functional connectivity at rest captures individual differences in visual search. <i>Brain Structure and Function</i> , 2020, 225, 537-549.	1.2	5
5303	Human menstrual cycle variation in subcortical functional brain connectivity: a multimodal analysis approach. <i>Brain Structure and Function</i> , 2020, 225, 591-605.	1.2	40
5304	Distance disintegration delineates the brain connectivity failure of Alzheimer's disease. <i>Neurobiology of Aging</i> , 2020, 88, 51-60.	1.5	10
5305	Coupled Temporal Fluctuation and Global Signal Synchronization of Spontaneous Brain Activity in Hypnosis for Respiration Control: An fMRI Study. <i>Neuroscience</i> , 2020, 429, 56-67.	1.1	5
5306	Lesion-Specific Language Network Alterations in Temporal Lobe Epilepsy. <i>American Journal of Neuroradiology</i> , 2020, 41, 147-154.	1.2	10
5307	Global brain signal in awake rats. <i>Brain Structure and Function</i> , 2020, 225, 227-240.	1.2	16
5308	Discriminative margin-sensitive autoencoder for collective multi-view disease analysis. <i>Neural Networks</i> , 2020, 123, 94-107.	3.3	19
5309	Hemispheric asymmetries in resting-state EEG and fMRI are related to approach and avoidance behaviour, but not to eating behaviour or BMI. <i>Human Brain Mapping</i> , 2020, 41, 1136-1152.	1.9	14
5310	Questions and controversies in the study of time-varying functional connectivity in resting fMRI. <i>Network Neuroscience</i> , 2020, 4, 30-69.	1.4	364
5311	Agito ergo sum: Correlates of spatio-temporal motion characteristics during fMRI. <i>NeuroImage</i> , 2020, 209, 116433.	2.1	28
5312	Altered connectivity of the visual word form area in the low-vision population: A resting-state fMRI study. <i>Neuropsychologia</i> , 2020, 137, 107302.	0.7	2
5313	Intrinsic connectome organization across temporal scales: New insights from cross-modal approaches. <i>Network Neuroscience</i> , 2020, 4, 1-29.	1.4	45
5314	Cross-modal plasticity in adult single-sided deafness revealed by alpha band resting-state functional connectivity. <i>NeuroImage</i> , 2020, 207, 116376.	2.1	13
5315	Machine Learning With Neuroimaging: Evaluating Its Applications in Psychiatry. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 791-798.	1.1	58
5316	The relationship between BOLD and neural activity arises from temporally sparse events. <i>NeuroImage</i> , 2020, 207, 116390.	2.1	34
5317	Transdiagnostic Dysfunctions in Brain Modules Across Patients with Schizophrenia, Bipolar Disorder, and Major Depressive Disorder: A Connectome-Based Study. <i>Schizophrenia Bulletin</i> , 2020, 46, 699-712.	2.3	78

#	ARTICLE	IF	CITATIONS
5318	Resting-State Functional Connectivity: Signal Origins and Analytic Methods. <i>Neuroimaging Clinics of North America</i> , 2020, 30, 15-23.	0.5	32
5319	The influence of the volumetric composition of the intracranial space on neural activity in healthy subjects: a resting-state functional magnetic resonance study. <i>European Journal of Neuroscience</i> , 2020, 51, 1944-1961.	1.2	6
5320	Aberrant functional connectivity of resting state networks related to misperceptions and intra-individual variability in Parkinson's disease. <i>NeuroImage: Clinical</i> , 2020, 25, 102076.	1.4	7
5321	A decade of infant neuroimaging research: What have we learned and where are we going?. , 2020, 58, 101389.		46
5322	Maximizing dissimilarity in resting state detects heterogeneous subtypes in healthy population associated with high substance use and problems in antisocial personality. <i>Human Brain Mapping</i> , 2020, 41, 1261-1273.	1.9	10
5323	Neuroimaging Methods for Nursing Science. <i>Nursing Research</i> , 2020, 69, 219-226.	0.8	5
5324	Individual Resting-State Brain Networks Enabled by Massive Multivariate Conditional Mutual Information. <i>IEEE Transactions on Medical Imaging</i> , 2020, 39, 1957-1966.	5.4	21
5325	Distinct Patterns of Functional Connectivity During the Comprehension of Natural, Narrative Speech. <i>International Journal of Neural Systems</i> , 2020, 30, 2050007.	3.2	11
5326	Modeling Resilience to Damage in Multiple Sclerosis: Plasticity Meets Connectivity. <i>International Journal of Molecular Sciences</i> , 2020, 21, 143.	1.8	9
5327	Hemodynamic Response Function in Brain White Matter in a Resting State. <i>Cerebral Cortex Communications</i> , 2020, 1, tgaa056.	0.7	12
5328	Identification of White Matter Networks Engaged in Object (Face) Recognition Showing Differential Responses to Modulated Stimulus Strength. <i>Cerebral Cortex Communications</i> , 2020, 1, tgaa067.	0.7	8
5329	Altered Brain Activity and Functional Connectivity in Unilateral Sudden Sensorineural Hearing Loss. <i>Neural Plasticity</i> , 2020, 2020, 1-11.	1.0	13
5330	Effects of Autonomous Sensory Meridian Response on the Functional Connectivity as Measured by Functional Magnetic Resonance Imaging. <i>Frontiers in Behavioral Neuroscience</i> , 2020, 14, 154.	1.0	7
5331	Functional Integration Between the Two Brain Hemispheres: Evidence From the Homotopic Functional Connectivity Under Resting State. <i>Frontiers in Neuroscience</i> , 2020, 14, 932.	1.4	17
5332	Ultra-high field (10.5 T) resting state fMRI in the macaque. <i>NeuroImage</i> , 2020, 223, 117349.	2.1	30
5333	Disrupted brain functional networks in patients with end-stage renal disease undergoing hemodialysis. <i>Journal of Neuroscience Research</i> , 2020, 98, 2566-2578.	1.3	13
5334	Network-level functional connectivity alterations in chemotherapy treated breast cancer patients: a longitudinal resting state functional MRI study. <i>Cancer Imaging</i> , 2020, 20, 73.	1.2	22
5335	Detection of functional networks within white matter using independent component analysis. <i>NeuroImage</i> , 2020, 222, 117278.	2.1	28

#	ARTICLE	IF	CITATIONS
5336	fMRI volume classification using a 3D convolutional neural network robust to shifted and scaled neuronal activations. <i>NeuroImage</i> , 2020, 223, 117328.	2.1	17
5337	Characterisation of Haemodynamic Activity in Resting State Networks by Fractal Analysis. <i>International Journal of Neural Systems</i> , 2020, 30, 2050061.	3.2	17
5338	Predictive Intelligence in Medicine. <i>Lecture Notes in Computer Science</i> , 2020, , .	1.0	2
5339	Involvement of the dentate nucleus in the pathophysiology of amyotrophic lateral sclerosis: A multi-center and multi-modal neuroimaging study. <i>NeuroImage: Clinical</i> , 2020, 28, 102385.	1.4	25
5340	Oral contraceptive use, especially during puberty, alters resting state functional connectivity. <i>Hormones and Behavior</i> , 2020, 126, 104849.	1.0	19
5341	Task-evoked activity quenches neural correlations and variability across cortical areas. <i>PLoS Computational Biology</i> , 2020, 16, e1007983.	1.5	62
5342	Common and distinct patterns of intrinsic brain activity alterations in major depression and bipolar disorder: voxel-based meta-analysis. <i>Translational Psychiatry</i> , 2020, 10, 353.	2.4	158
5343	Mutations associated with neuropsychiatric conditions delineate functional brain connectivity dimensions contributing to autism and schizophrenia. <i>Nature Communications</i> , 2020, 11, 5272.	5.8	35
5344	Nonparametric matrix response regression with application to brain imaging data analysis. <i>Biometrics</i> , 2021, 77, 1227-1240.	0.8	7
5345	Disentangling time series between brain tissues improves fMRI data quality using a time-dependent deep neural network. <i>NeuroImage</i> , 2020, 223, 117340.	2.1	10
5346	Dynamic time warping outperforms Pearson correlation in detecting atypical functional connectivity in autism spectrum disorders. <i>NeuroImage</i> , 2020, 223, 117383.	2.1	23
5347	Spontaneously emerging patterns in human visual cortex and their functional connectivity are linked to the patterns evoked by visual stimuli. <i>Journal of Neurophysiology</i> , 2020, 124, 1343-1363.	0.9	11
5348	The Influence of Different EEG References on Scalp EEG Functional Network Analysis During Hand Movement Tasks. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 367.	1.0	4
5349	Evaluating the resource allocation index as a potential fMRI-based biomarker for substance use disorder. <i>Drug and Alcohol Dependence</i> , 2020, 216, 108211.	1.6	1
5350	Cognitive function and cerebellar morphometric changes relate to abnormal intra-cerebellar and cerebro-cerebellum functional connectivity in old adults. <i>Experimental Gerontology</i> , 2020, 140, 111060.	1.2	12
5351	The indispensable role of the cerebellum in visual divergent thinking. <i>Scientific Reports</i> , 2020, 10, 16552.	1.6	12
5352	HIV-related decreased brain activity during a semantic memory task is reflected in spontaneous brain functional connectivity. <i>Health Psychology Report</i> , 2020, 8, 120-135.	0.5	1
5353	Relationship Between Basic Properties of BOLD Fluctuations and Calculated Metrics of Complexity in the Human Connectome Project. <i>Frontiers in Neuroscience</i> , 2020, 14, 550923.	1.4	6

#	ARTICLE	IF	CITATIONS
5354	Identifying the brain's connector hubs at the voxel level using functional connectivity overlap ratio. <i>NeuroImage</i> , 2020, 222, 117241.	2.1	19
5355	Dynamic Neural Network Changes Revealed by Voxel-Based Functional Connectivity Strength in Left Basal Ganglia Ischemic Stroke. <i>Frontiers in Neuroscience</i> , 2020, 14, 526645.	1.4	5
5356	Functional connectivity alterations associated with literacy difficulties in early readers. <i>Brain Imaging and Behavior</i> , 2021, 15, 2109-2120.	1.1	10
5357	Bridging the Gap Between Fluid Biomarkers for Alzheimer's Disease, Model Systems, and Patients. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 272.	1.7	17
5358	Identifying and validating subtypes within major psychiatric disorders based on frontal-posterior functional imbalance via deep learning. <i>Molecular Psychiatry</i> , 2021, 26, 2991-3002.	4.1	40
5359	Polygenic risk for autism spectrum disorder affects left amygdala activity and negative emotion in schizophrenia. <i>Translational Psychiatry</i> , 2020, 10, 322.	2.4	8
5360	Multi-dimensional connectivity: a conceptual and mathematical review. <i>NeuroImage</i> , 2020, 221, 117179.	2.1	42
5361	Disrupted Resting-state Functional Connectivity of the Nucleus Basalis of Meynert in Parkinson's Disease with Mild Cognitive Impairment. <i>Neuroscience</i> , 2020, 442, 228-236.	1.1	16
5362	Cerebral Blood Flow and Its Connectivity Deficits in Mild Traumatic Brain Injury at the Acute Stage. <i>Neural Plasticity</i> , 2020, 2020, 1-10.	1.0	17
5363	Distortion correction of single-shot EPI enabled by deep-learning. <i>NeuroImage</i> , 2020, 221, 117170.	2.1	29
5364	Multivariate classification of earthquake survivors with post-traumatic stress disorder based on large-scale brain networks. <i>Acta Psychiatrica Scandinavica</i> , 2020, 141, 285-298.	2.2	22
5365	Dynamic Neuroimaging Biomarkers of Smoking in Young Smokers. <i>Frontiers in Psychiatry</i> , 2020, 11, 663.	1.3	15
5366	A new MRI subject position to explore simultaneous BOLD oscillations of the brain and the body. <i>Journal of Neuroscience Methods</i> , 2020, 344, 108829.	1.3	0
5367	Brain Structure and Functional Connectivity Associated with Individual Differences in the Attentional Blink. <i>Cerebral Cortex</i> , 2020, 30, 6224-6237.	1.6	9
5368	Gradient mapping in the human hippocampus: Reply to Poppenk. <i>Cortex</i> , 2020, 128, 318-321.	1.1	1
5369	Proactive Motor Functional Recovery Following Immersive Virtual Reality-Based Limb Mirroring Therapy in Patients with Subacute Stroke. <i>Neurotherapeutics</i> , 2020, 17, 1919-1930.	2.1	36
5370	Establishing an acquisition and processing protocol for resting state networks with a 1.5 T scanner. <i>Medicine (United States)</i> , 2020, 99, e21125.	0.4	1
5371	Altered spontaneous brain activity at attack and remission stages in patients with mitochondrial encephalomyopathy, lactic acidosis and stroke-like episodes (MELAS): Beyond stroke-like lesions. <i>Mitochondrion</i> , 2020, 54, 49-56.	1.6	4

#	ARTICLE	IF	CITATIONS
5372	Disrupted dynamic functional connectivity in right amygdalar subregions differentiates bipolar disorder from major depressive disorder. <i>Psychiatry Research - Neuroimaging</i> , 2020, 304, 111149.	0.9	17
5373	Identifying Resting-State Functional Connectivity Changes in the Motor Cortex Using fNIRS During Recovery from Stroke. <i>Brain Topography</i> , 2020, 33, 710-719.	0.8	41
5374	Functional Connectivity Alterations of the Temporal Lobe and Hippocampus in Semantic Dementia and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2020, 76, 1461-1475.	1.2	24
5375	Associations Between Altered Cerebral Activity Patterns and Psychosocial Disorders in Patients With Psychogenic Erectile Dysfunction: A Mediation Analysis of fMRI. <i>Frontiers in Psychiatry</i> , 2020, 11, 583619.	1.3	7
5376	Can We Capitalize on Central Nervous System Plasticity in Young Athletes to Inoculate Against Injury?. <i>Journal of Science in Sport and Exercise</i> , 2020, 2, 305-318.	0.4	9
5377	Mapping the principal gradient onto the corpus callosum. <i>NeuroImage</i> , 2020, 223, 117317.	2.1	22
5379	Abnormal Spontaneous Brain Activities of Limbic-Cortical Circuits in Patients With Dry Eye Disease. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 574758.	1.0	9
5380	Intrinsic organization of cortical networks predicts state anxiety: an functional near-infrared spectroscopy (fNIRS) study. <i>Translational Psychiatry</i> , 2020, 10, 402.	2.4	14
5381	A Review of Passive Brain Mapping Techniques in Neurological Surgery. <i>Neurosurgery</i> , 2020, 88, 15-24.	0.6	7
5382	False positive rates in positron emission tomography (PET) voxelwise analyses. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 41, 0271678X2097496.	2.4	5
5383	Predictive modeling of neurobehavioral state and trait variation across development. <i>Developmental Cognitive Neuroscience</i> , 2020, 45, 100855.	1.9	5
5384	Patterns of cortical interactivity supporting speech production and lexical retrieval: A graph signal processing approach at the individual level. <i>Journal of Neurolinguistics</i> , 2020, 56, 100936.	0.5	3
5385	Topographic property of backpropagation artificial neural network: From human functional connectivity network to artificial neural network. <i>Neurocomputing</i> , 2020, 418, 200-210.	3.5	19
5386	How Tasks Change Whole-Brain Functional Organization to Reveal Brain-Phenotype Relationships. <i>Cell Reports</i> , 2020, 32, 108066.	2.9	62
5387	Metabolic syndrome components moderate the association between executive function and functional connectivity in the default mode network. <i>Brain Imaging and Behavior</i> , 2020, 15, 2139-2148.	1.1	9
5388	Brain Entropy Mapping in Healthy Aging and Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 596122.	1.7	25
5389	Mapping of the Language Network With Deep Learning. <i>Frontiers in Neurology</i> , 2020, 11, 819.	1.1	7
5390	Aberrant resting-state cerebral blood flow and its connectivity in primary dysmenorrhea on arterial spin labeling MRI. <i>Magnetic Resonance Imaging</i> , 2020, 73, 84-90.	1.0	12

#	ARTICLE	IF	CITATIONS
5391	The peripartum human brain: Current understanding and future perspectives. <i>Frontiers in Neuroendocrinology</i> , 2020, 59, 100859.	2.5	19
5392	All roads lead to the default-mode networkâ€™ global source of DMN abnormalities in major depressive disorder. <i>Neuropsychopharmacology</i> , 2020, 45, 2058-2069.	2.8	93
5393	Functional dissection of prenatal drug effects on baby brain and behavioral development. <i>Human Brain Mapping</i> , 2020, 41, 4789-4803.	1.9	16
5394	A neurophysiological approach to assess training outcome under stress: A virtual reality experiment of industrial shutdown maintenance using Functional Near-Infrared Spectroscopy (fNIRS). <i>Advanced Engineering Informatics</i> , 2020, 46, 101153.	4.0	46
5395	Ultra-slow Oscillations in fMRI and Resting-State Connectivity: Neuronal and Vascular Contributions and Technical Confounds. <i>Neuron</i> , 2020, 107, 782-804.	3.8	105
5396	Early deafness leads to re-shaping of functional connectivity beyond the auditory cortex. <i>Brain Imaging and Behavior</i> , 2021, 15, 1469-1482.	1.1	12
5397	Temporal Dynamics of Large-Scale Networks Predict Neural Cue Reactivity and Cue-Induced Craving. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 1011-1018.	1.1	5
5398	Common and distinct functional stability abnormalities across three major psychiatric disorders. <i>NeuroImage: Clinical</i> , 2020, 27, 102352.	1.4	23
5399	Static and Dynamic Changes of Amplitude of Low-Frequency Fluctuations in Cervical Discogenic Pain. <i>Frontiers in Neuroscience</i> , 2020, 14, 733.	1.4	13
5400	Do Nicotinic Receptors Modulate High-Order Cognitive Processing?. <i>Trends in Neurosciences</i> , 2020, 43, 550-564.	4.2	32
5401	Amplitude of low-frequency fluctuations on Alzheimerâ€™s disease with depression: evidence from resting-state fMRI. <i>Annals of General Psychiatry</i> , 2020, 33, e100147.	1.1	8
5402	Effect of a High-Intensity Tandem Bicycle Exercise Program on Clinical Severity, Functional Magnetic Resonance Imaging, and Plasma Biomarkers in Parkinson's Disease. <i>Frontiers in Neurology</i> , 2020, 11, 656.	1.1	15
5403	Acquisition Duration in Resting-State Arterial Spin Labeling. How Long Is Enough?. <i>Frontiers in Neuroscience</i> , 2020, 14, 598.	1.4	6
5404	Regional Hurst Exponent Reflects Impulsivity-Related Alterations in Fronto-Hippocampal Pathways Within the Waiting Impulsivity Network. <i>Frontiers in Physiology</i> , 2020, 11, 827.	1.3	1
5405	Resting-state functional connectivity of neural circuits associated with primary and secondary rewards in patients with bipolar disorder. <i>Social Cognitive and Affective Neuroscience</i> , 2020, 15, 755-763.	1.5	10
5406	Amygdala Functional Connectivity Features in Grief: A Pilot Longitudinal Study. <i>American Journal of Geriatric Psychiatry</i> , 2020, 28, 1089-1101.	0.6	10
5407	Neural correlates of the association between depression and high density lipoprotein cholesterol change. <i>Journal of Psychiatric Research</i> , 2020, 130, 9-18.	1.5	10
5408	Mapping language function with task-based vs. resting-state functional MRI. <i>PLoS ONE</i> , 2020, 15, e0236423.	1.1	29

#	ARTICLE	IF	CITATIONS
5409	The effect of vagal nerve stimulation on hippocampal-thalamic functional connectivity in epilepsy patients. <i>Brain Research Bulletin</i> , 2020, 163, 143-149.	1.4	5
5410	Experience selectively alters functional connectivity within a neural network to predict learned behavior in juvenile songbirds. <i>NeuroImage</i> , 2020, 222, 117218.	2.1	1
5411	Brain network constraints and recurrent neural networks reproduce unique trajectories and state transitions seen over the span of minutes in resting-state fMRI. <i>Network Neuroscience</i> , 2020, 4, 448-466.	1.4	6
5412	Fractional amplitude of low-frequency fluctuation (fALFF) alterations in young depressed patients with suicide attempts after cognitive behavioral therapy and antidepressant medication cotherapy: A resting-state fMRI study. <i>Journal of Affective Disorders</i> , 2020, 276, 822-828.	2.0	28
5413	R-FMRI Reconstruction from K-T Undersampled Simultaneous-Multislice (SMS) MRI with Controlled Aliasing: Towards Higher Spatial Resolution. , 2020, , .		2
5414	Estimating sparse functional brain networks with spatial constraints for MCI identification. <i>PLoS ONE</i> , 2020, 15, e0235039.	1.1	15
5415	A Review of Default Mode Network Connectivity and Its Association With Social Cognition in Adolescents With Autism Spectrum Disorder and Early-Onset Psychosis. <i>Frontiers in Psychiatry</i> , 2020, 11, 614.	1.3	50
5416	Individual differences in haemoglobin concentration influence bold fMRI functional connectivity and its correlation with cognition. <i>NeuroImage</i> , 2020, 221, 117196.	2.1	19
5417	The chronnectome as a model for Charcotâ€™s â€™dynamic lesionâ€™ in functional movement disorders. <i>NeuroImage: Clinical</i> , 2020, 28, 102381.	1.4	5
5418	How functional network connectivity changes as a result of lesion and recovery: An investigation of the network phenotype of stroke. <i>Cortex</i> , 2020, 131, 17-41.	1.1	15
5419	Estimation of global and local complexities of brain networks: A random walks approach. <i>Network Neuroscience</i> , 2020, 4, 575-594.	1.4	6
5420	Resting-state functional connectivity in early postanaesthesia recovery is characterised by globally reduced anticorrelations. <i>British Journal of Anaesthesia</i> , 2020, 125, 529-538.	1.5	11
5421	Resting-State Functional Connectivity and Scholastic Performance in Preadolescent Children: A Data-Driven Multivoxel Pattern Analysis (MVPA). <i>Journal of Clinical Medicine</i> , 2020, 9, 3198.	1.0	11
5422	Challenges and future directions for representations of functional brain organization. <i>Nature Neuroscience</i> , 2020, 23, 1484-1495.	7.1	99
5423	Relationship between Quality of Life and the Complexity of Default Mode Network in Resting State Functional Magnetic Resonance Image in Down Syndrome. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7127.	1.2	6
5424	Functional connectivity and quality of life in young adults with cerebral palsy: a feasibility study. <i>BMC Neurology</i> , 2020, 20, 388.	0.8	3
5425	Simultaneous BOLD-fMRI and constant infusion FDG-PET data of the resting human brain. <i>Scientific Data</i> , 2020, 7, 363.	2.4	26
5426	More than just statics: Abnormal dynamic amplitude of low-frequency fluctuation in adolescent patients with pure conduct disorder. <i>Journal of Psychiatric Research</i> , 2020, 131, 60-68.	1.5	15

#	ARTICLE	IF	CITATIONS
5427	The spatial organization of the chronnectome associates with cortical hierarchy and transcriptional profiles in the human brain. <i>NeuroImage</i> , 2020, 222, 117296.	2.1	29
5428	Local functional connectivity of patients with acute and remitting multiple sclerosis. <i>Medicine (United States)</i> , 2020, 99, e22860.	0.4	10
5429	Immediate effects of visual-motor illusion on resting-state functional connectivity. <i>Brain and Cognition</i> , 2020, 146, 105632.	0.8	9
5430	Frequency-dependent organization of the brain's functional network through delayed-interactions. <i>Neural Networks</i> , 2020, 132, 155-165.	3.3	16
5431	Functional parcellation of the hippocampus by semi-supervised clustering of resting state fMRI data. <i>Scientific Reports</i> , 2020, 10, 16402.	1.6	13
5432	Intrinsic low-frequency oscillation changes in multiple-frequency bands in stable patients with chronic obstructive pulmonary disease. <i>Brain Imaging and Behavior</i> , 2020, 15, 1922-1933.	1.1	8
5433	MRI essentials in epileptology: a review from the ILAE Imaging Taskforce. <i>Epileptic Disorders</i> , 2020, 22, 421-437.	0.7	28
5434	Typicality of functional connectivity robustly captures motion artifacts in rsfMRI across datasets, atlases, and preprocessing pipelines. <i>Human Brain Mapping</i> , 2020, 41, 5325-5340.	1.9	10
5435	Structural Network Analysis Using Diffusion MRI Tractography in Parkinson's Disease and Correlations With Motor Impairment. <i>Frontiers in Neurology</i> , 2020, 11, 841.	1.1	7
5436	Identification of Brain Functional Networks Using a Model-Based Approach. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , 2020, 34, 2057004.	0.7	3
5437	Reproducibility of graph measures at the subject level using resting-state fMRI. <i>Brain and Behavior</i> , 2020, 10, 2336-2351.	1.0	13
5438	Brain Functional Magnetic Resonance Imaging Highlights Altered Connections and Functional Networks in Patients With Hypertension. <i>Hypertension</i> , 2020, 76, 1480-1490.	1.3	38
5439	Assessing Cognitive Abilities of Patients With Shift Work Disorder: Insights From RBANS and Granger Causality Connections Among Resting-State Networks. <i>Frontiers in Psychiatry</i> , 2020, 11, 780.	1.3	6
5440	Frequency-dependent functional connectivity in resting state networks. <i>Human Brain Mapping</i> , 2020, 41, 5187-5198.	1.9	43
5441	Dynamic Properties of Human Default Mode Network in Eyes-Closed and Eyes-Open. <i>Brain Topography</i> , 2020, 33, 720-732.	0.8	10
5442	The vulnerability of the immature brain. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2020, 173, 89-97.	1.0	1
5443	Functional Mapping before and after Low-Grade Glioma Surgery: A New Way to Decipher Various Spatiotemporal Patterns of Individual Neuroplastic Potential in Brain Tumor Patients. <i>Cancers</i> , 2020, 12, 2611.	1.7	40
5444	Altered multimodal magnetic resonance parameters of basal nucleus of Meynert in Alzheimer's disease. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 1919-1929.	1.7	3

#	ARTICLE	IF	CITATIONS
5445	Local and whole-network topologies reveal that pulvinar and semantic hub interactions correlate with picture vocabulary. <i>NeuroReport</i> , 2020, Publish Ahead of Print, 590-596.	0.6	2
5446	Partial Similarity Reveals Dynamics in Brainstem-Midbrain Networks during Trigeminal Nociception. <i>Brain Sciences</i> , 2020, 10, 603.	1.1	1
5447	Disrupted Functional Network Connectivity Predicts Cognitive Impairment in Presbycusis Patients. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 246.	1.7	17
5448	Does resting state functional connectivity differ between mild cognitive impairment and early Alzheimer's dementia?. <i>Journal of the Neurological Sciences</i> , 2020, 418, 117093.	0.3	27
5449	Reliability Assessment of Denoising Methods for Change Point and Activation Detection in Lack of Ground Truth from fMRI. , 2020, , .		0
5450	Effects of long-term cocaine self-administration on brain resting-state functional connectivity in nonhuman primates. <i>Translational Psychiatry</i> , 2020, 10, 420.	2.4	5
5451	Contextual experience modifies functional connectome indices of topological strength and efficiency. <i>Scientific Reports</i> , 2020, 10, 19843.	1.6	9
5452	Biomarkers for Prediction of Schizophrenia: Insights From Resting-State EEG Microstates. <i>IEEE Access</i> , 2020, 8, 213078-213093.	2.6	20
5453	Cortical midline structures associated with rumination in women with PTSD. <i>Journal of Psychiatric Research</i> , 2020, 131, 69-76.	1.5	12
5454	Rapid Precision Functional Mapping of Individuals Using Multi-Echo fMRI. <i>Cell Reports</i> , 2020, 33, 108540.	2.9	96
5455	Amplitude of fNIRS Resting-State Global Signal Is Related to EEG Vigilance Measures: A Simultaneous fNIRS and EEG Study. <i>Frontiers in Neuroscience</i> , 2020, 14, 560878.	1.4	12
5456	Changes in Resting-State Cerebral Activity in Women With Polycystic Ovary Syndrome: A Functional MR Imaging Study. <i>Frontiers in Endocrinology</i> , 2020, 11, 603279.	1.5	12
5457	Aggregation of Vascular Risk Factors Modulates the Amplitude of Low-Frequency Fluctuation in Mild Cognitive Impairment Patients. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 604246.	1.7	11
5458	Disrupted Amygdala Connectivity Is Associated With Elevated Anxiety in Sensorineural Hearing Loss. <i>Frontiers in Neuroscience</i> , 2020, 14, 616348.	1.4	7
5459	Resting-State Static and Dynamic Functional Abnormalities in Active Professional Fighters With Repetitive Head Trauma and With Neuropsychological Impairments. <i>Frontiers in Neurology</i> , 2020, 11, 602586.	1.1	3
5460	Abnormal Regional Spontaneous Brain Activity and Its Indirect Effect on Spasm Ratings in Patients With Hemifacial Spasm. <i>Frontiers in Neuroscience</i> , 2020, 14, 601088.	1.4	4
5461	Towards precise resting-state fMRI biomarkers in psychiatry: synthesizing developments in transdiagnostic research, dimensional models of psychopathology, and normative neurodevelopment. <i>Current Opinion in Neurobiology</i> , 2020, 65, 120-128.	2.0	62
5462	Functional abnormalities in first-episode major depressive disorder with somatic pain. <i>Journal of Affective Disorders Reports</i> , 2020, 2, 100029.	0.9	2

#	ARTICLE	IF	CITATIONS
5463	Controlling for lesions, kinematics and physiological noise: impact on fMRI results of spastic post-stroke patients. <i>MethodsX</i> , 2020, 7, 101056.	0.7	1
5464	Topological reorganization of brain functional networks in patients with mitochondrial encephalomyopathy with lactic acidosis and stroke-like episodes. <i>NeuroImage: Clinical</i> , 2020, 28, 102480.	1.4	9
5465	Multimodal MRI analysis of basal forebrain structure and function across the Alzheimer's disease spectrum. <i>NeuroImage: Clinical</i> , 2020, 28, 102495.	1.4	17
5466	Neonatal brain connectivity outliers identify over forty percent of IQ outliers at 4 years of age. <i>Brain and Behavior</i> , 2020, 10, e01846.	1.0	8
5467	Reduced functional connectivity in the prefrontal cortex of elderly catatonia patients: A longitudinal study using functional near-infrared spectroscopy. <i>Neuroscience Research</i> , 2021, 170, 322-329.	1.0	8
5468	Revisiting correlation-based functional connectivity and its relationship with structural connectivity. <i>Network Neuroscience</i> , 2020, 4, 1235-1251.	1.4	53
5469	A Pilot Study on Playback Theatre as a Therapeutic Aid after Natural Disasters: Brain Connectivity Mechanisms of Effects on Anxiety. <i>Chronic Stress</i> , 2020, 4, 247054702096656.	1.7	0
5470	Intrinsic Connectivity Networks in the Self- and Other-Referential Processing. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 579703.	1.0	14
5471	Modulation of epileptic networks by transient interictal epileptic activity: A dynamic approach to simultaneous EEG-fMRI. <i>NeuroImage: Clinical</i> , 2020, 28, 102467.	1.4	7
5472	Aberrant striatal dopamine links topographically with cortico-thalamic dysconnectivity in schizophrenia. <i>Brain</i> , 2020, 143, 3495-3505.	3.7	20
5474	Aging Impacts the Overall Connectivity Strength of Regions Critical for Information Transfer Among Brain Networks. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 592469.	1.7	16
5475	Population Graph-Based Multi-Model Ensemble Method for Diagnosing Autism Spectrum Disorder. <i>Sensors</i> , 2020, 20, 6001.	2.1	21
5476	Patterns of Functional Connectivity in the Brain in Temporal and Frontal Epilepsy. <i>Neuroscience and Behavioral Physiology</i> , 2020, 50, 835-840.	0.2	0
5477	Frontoparietal and salience network alterations in obsessive-compulsive disorder: insights from independent component and sliding time window analyses. <i>Journal of Psychiatry and Neuroscience</i> , 2020, 45, 214-221.	1.4	20
5478	Clinical predictivity of thalamic sub-regional connectivity in clinically isolated syndrome: a 7-year study. <i>Molecular Psychiatry</i> , 2021, 26, 2163-2174.	4.1	11
5479	Concepts and Principles of Clinical Functional Magnetic Resonance Imaging. , 2020, , 153-167.		0
5480	Mapping language networks and their association with verbal abilities in paediatric epilepsy using MEG and graph analysis. <i>NeuroImage: Clinical</i> , 2020, 27, 102265.	1.4	4
5481	A Hierarchical Bayesian Mixture Model Approach for Analysis of Resting-State Functional Brain Connectivity: An Alternative to Thresholding. <i>Brain Connectivity</i> , 2020, 10, 202-211.	0.8	4

#	ARTICLE	IF	CITATIONS
5482	Towards a brain-based predictive model of mental illness. <i>Human Brain Mapping</i> , 2020, 41, 3468-3535.	1.9	92
5483	UF2C – User-Friendly Functional Connectivity: A neuroimaging toolbox for fMRI processing and analyses. <i>SoftwareX</i> , 2020, 11, 100434.	1.2	9
5484	Neuroprotective effects of exercise in people with progressive multiple sclerosis (Exercise PRO-MS): study protocol of a phase II trial. <i>BMC Neurology</i> , 2020, 20, 177.	0.8	10
5485	Neural Correlates of Body Integrity Dysphoria. <i>Current Biology</i> , 2020, 30, 2191-2195.e3.	1.8	31
5486	AI in Medical Imaging Informatics: Current Challenges and Future Directions. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2020, 24, 1837-1857.	3.9	215
5487	Resting-state network dysconnectivity in ADHD: A system-neuroscience-based meta-analysis. <i>World Journal of Biological Psychiatry</i> , 2020, 21, 662-672.	1.3	82
5488	Alterations of local functional connectivity in lifespan: A resting-state fMRI study. <i>Brain and Behavior</i> , 2020, 10, e01652.	1.0	20
5489	Assessing White Matter Pathology in Early-Stage Parkinson Disease Using Diffusion MRI: A Systematic Review. <i>Frontiers in Neurology</i> , 2020, 11, 314.	1.1	25
5490	Mapping common grey matter volume deviation across child and adolescent psychiatric disorders. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 115, 273-284.	2.9	11
5491	Nonlinear ICA of fMRI reveals primitive temporal structures linked to rest, task, and behavioral traits. <i>NeuroImage</i> , 2020, 218, 116989.	2.1	12
5492	Changed functional connectivity at rest in functional illiterates after extensive literacy training. <i>Neurological Research and Practice</i> , 2020, 2, 12.	1.0	3
5493	A Constrained ICA-EMD Model for Group Level fMRI Analysis. <i>Frontiers in Neuroscience</i> , 2020, 14, 221.	1.4	4
5494	Compensatory Cross-Modal Plasticity Persists After Sight Restoration. <i>Frontiers in Neuroscience</i> , 2020, 14, 291.	1.4	9
5495	Aberrant Functional and Causal Connectivity in Acute Tinnitus With Sensorineural Hearing Loss. <i>Frontiers in Neuroscience</i> , 2020, 14, 592.	1.4	24
5496	Aberrant static and dynamic functional patterns of frontoparietal control network in antipsychotic-naïve first-episode psychosis subjects. <i>Human Brain Mapping</i> , 2020, 41, 2999-3008.	1.9	15
5497	Transient Arousal Modulations Contribute to Resting-State Functional Connectivity Changes Associated with Head Motion Parameters. <i>Cerebral Cortex</i> , 2020, 30, 5242-5256.	1.6	20
5498	Regularized-Ncut: Robust and homogeneous functional parcellation of neonate and adult brain networks. <i>Artificial Intelligence in Medicine</i> , 2020, 106, 101872.	3.8	6
5499	Secondary effects on brain physiology caused by focused ultrasound-mediated disruption of the blood-brain barrier. <i>Journal of Controlled Release</i> , 2020, 324, 450-459.	4.8	45

#	ARTICLE	IF	CITATIONS
5500	Trait self-reflectiveness relates to time-varying dynamics of resting state functional connectivity and underlying structural connectomes: Role of the default mode network. <i>NeuroImage</i> , 2020, 219, 116896.	2.1	33
5501	Dynamic Reconfiguration, Fragmentation, and Integration of Whole-Brain Modular Structure across Depths of Unconsciousness. <i>Cerebral Cortex</i> , 2020, 30, 5229-5241.	1.6	12
5502	Deriving resting-state fMRI biomarkers for classification of autism spectrum disorder. , 2020, , 101-123.		3
5503	Altered large-scale organization of shape processing in visual agnosia. <i>Cortex</i> , 2020, 129, 423-435.	1.1	10
5504	Transient spectral events in resting state MEG predict individual task responses. <i>NeuroImage</i> , 2020, 215, 116818.	2.1	14
5505	Reduced spatiotemporal brain dynamics are associated with increased depressive symptoms after a relationship breakup. <i>NeuroImage: Clinical</i> , 2020, 27, 102299.	1.4	16
5506	Neural Correlates of Transient Mal de Debarquement Syndrome: Activation of Prefrontal and Deactivation of Cerebellar Networks Correlate With Neuropsychological Assessment. <i>Frontiers in Neurology</i> , 2020, 11, 585.	1.1	11
5507	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.	1.4	17
5508	Synchrony Between Default-Mode and Sensorimotor Networks Facilitates Motor Function in Stroke Rehabilitation: A Pilot fMRI Study. <i>Frontiers in Neuroscience</i> , 2020, 14, 548.	1.4	17
5509	On homotopy types of Vietorisâ€Rips complexes of metric gluings. <i>Journal of Applied and Computational Topology</i> , 2020, 4, 425-454.	1.0	7
5510	Progression of motor disability in cerebral palsy: The role of concomitant epilepsy. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2020, 80, 81-85.	0.9	2
5511	The same, but different: Preserved distractor suppression in old age is implemented through an <scp>ageâ€specific</scp> reactive ventral <scp>frontoâ€parietal</scp> network. <i>Human Brain Mapping</i> , 2020, 41, 3938-3955.	1.9	2
5512	Functional connectivity of EEG is subject-specific, associated with phenotype, and different from fMRI. <i>NeuroImage</i> , 2020, 218, 117001.	2.1	58
5513	Abnormal fear circuits activities correlated to physical symptoms in somatic anxiety patients. <i>Journal of Affective Disorders</i> , 2020, 274, 54-58.	2.0	6
5514	Opening or closing eyes at rest modulates the functional connectivity of V1 with default and salience networks. <i>Scientific Reports</i> , 2020, 10, 9137.	1.6	40
5515	Spatial patterns of intrinsic brain activity and functional connectivity in facial synkinesis patients. <i>British Journal of Neurosurgery</i> , 2021, 35, 730-735.	0.4	6
5516	Functional network analysis of the sub-regions of the primary motor cortex during rest. <i>NeuroReport</i> , 2020, 31, 691-695.	0.6	5
5517	Intermittent Theta-Burst Stimulation Over the Suprahyoid Muscles Motor Cortex Facilitates Increased Degree Centrality in Healthy Subjects. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 200.	1.0	6

#	ARTICLE	IF	CITATIONS
5518	Brain networks underlying vulnerability and resilience to drug addiction. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 15253-15261.	3.3	86
5519	Altered functional connectivity of brain regions based on a meta-analysis in patients with T2DM: A resting-state fMRI study. Brain and Behavior, 2020, 10, e01725.	1.0	15
5520	Plasticity and Spontaneous Activity Pulses in Disused Human Brain Circuits. Neuron, 2020, 107, 580-589.e6.	3.8	114
5521	Functional imaging evidence for task-induced deactivation and disconnection of a major default mode network hub in the mouse brain. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 15270-15280.	3.3	48
5522	Scaling in Colloidal and Biological Networks. Entropy, 2020, 22, 622.	1.1	8
5523	Phase- and amplitude-coupling are tied by an intrinsic spatial organization but show divergent stimulus-related changes. NeuroImage, 2020, 219, 117051.	2.1	20
5524	ADHD: Current Concepts and Treatments in Children and Adolescents. Neuropediatrics, 2020, 51, 315-335.	0.3	117
5525	Neuroimaging contrast across the cortical hierarchy is the feature maximally linked to behavior and demographics. NeuroImage, 2020, 215, 116853.	2.1	8
5526	Altered activation in sensorimotor network after applying rTMS over the primary motor cortex at different frequencies. Brain and Behavior, 2020, 10, e01670.	1.0	7
5527	Dynamical Mechanisms of Interictal Resting-State Functional Connectivity in Epilepsy. Journal of Neuroscience, 2020, 40, 5572-5588.	1.7	55
5528	Aberrant Gray Matter Networks in Non-comorbid Medication-Naive Patients With Major Depressive Disorder and Those With Social Anxiety Disorder. Frontiers in Human Neuroscience, 2020, 14, 172.	1.0	15
5529	Functional connectivity is preserved but reorganized across several anesthetic regimes. NeuroImage, 2020, 219, 116945.	2.1	13
5530	Closing the gap from transcription to the structural connectome enhances the study of connections in the human brain. Developmental Dynamics, 2020, 249, 1047-1061.	0.8	11
5531	Advances in simultaneous PET/MR for imaging neuroreceptor function. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 1148-1166.	2.4	23
5532	Structural mediation of human brain activity revealed by white-matter interpolation of fMRI. NeuroImage, 2020, 213, 116718.	2.1	31
5533	Hippocampal functional network: The mediating role between obsession and anxiety in adult patients with obsessive-compulsive disorder. World Journal of Biological Psychiatry, 2020, 21, 685-695.	1.3	9
5534	Model for Semantic Base Structuring of Digital Data to Support Agricultural Management. , 2020, , .		4
5535	Role of the Hf/Si Interfacial Layer on the High Performance of MoS ₂ -Based Conductive Bridge RAM for Artificial Synapse Application. IEEE Electron Device Letters, 2020, 41, 709-712.	2.2	33

#	ARTICLE	IF	CITATIONS
5536	Individualized perturbation of the human connectome reveals reproducible biomarkers of network dynamics relevant to cognition. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 8115-8125.	3.3	99
5537	Brain Structuralâ€“Functional Connectivity Relationship Underlying the Information Processing Speed. Brain Connectivity, 2020, 10, 143-154.	0.8	9
5538	Can the Executive Control Network be Used to Diagnose Parkinsonâ€™s Disease and as an Efficacy Indicator of Deep Brain Stimulation?. Parkinson's Disease, 2020, 2020, 1-6.	0.6	12
5539	Forecast Based Handover in an Extensible Multi-Layer LEO Mobile Satellite System. IEEE Access, 2020, 8, 42768-42783.	2.6	24
5540	Multi-timescale hybrid components of the functional brain connectome: A bimodal EEG-fMRI decomposition. Network Neuroscience, 2020, 4, 658-677.	1.4	15
5541	CACNA1C Gene rs11832738 Polymorphism Influences Depression Severity by Modulating Spontaneous Activity in the Right Middle Frontal Gyrus in Patients With Major Depressive Disorder. Frontiers in Psychiatry, 2020, 11, 73.	1.3	14
5542	Metamaterials and Metasurfacesâ€”Historical Context, Recent Advances, and Future Directions. IEEE Transactions on Antennas and Propagation, 2020, 68, 1223-1231.	3.1	56
5543	Opioidergic System and Functional Architecture of Intrinsic Brain Activity: Implications for Psychiatric Disorders. Neuroscientist, 2020, 26, 343-358.	2.6	8
5544	Group and Individual fMRI Analysis of the Main Resting State Networks in Healthy Subjects. Neuroscience and Behavioral Physiology, 2020, 50, 288-297.	0.2	0
5545	Resting-state â€œphysiological networksâ€ NeuroImage, 2020, 213, 116707.	2.1	111
5546	More Flexible Integration of Functional Systems After Musical Training in Young Adults. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 817-824.	2.7	6
5548	Lower limb massage in humans increases local perfusion and impacts systemic hemodynamics. Journal of Applied Physiology, 2020, 128, 1217-1226.	1.2	19
5549	Gender-based functional connectivity differences in brain networks in childhood. Computer Methods and Programs in Biomedicine, 2020, 192, 105444.	2.6	7
5550	Indexing brain state-dependent pupil dynamics with simultaneous fMRI and optical fiber calcium recording. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 6875-6882.	3.3	58
5551	Functional Brain Network Connectivity Patterns Associated With Normal Cognition at Old-Age, Local β -amyloid, Tau, and APOE4. Frontiers in Aging Neuroscience, 2020, 12, 46.	1.7	21
5552	Within-network brain connectivity in Crohnâ€™s disease patients with gadolinium deposition in the cerebellum. Neuroradiology, 2020, 62, 833-841.	1.1	11
5553	Non-Invasive Fluidic Glucose Detection Based on Dual Microwave Complementary Split Ring Resonators With a Switching Circuit for Environmental Effect Elimination. IEEE Sensors Journal, 2020, 20, 8520-8527.	2.4	65
5554	PICA-Based Algorithm for Automatic Detection of Resting-State Functional Networks. Implementation on Digital Lab Platform. Physics of Particles and Nuclei Letters, 2020, 17, 92-96.	0.1	0

#	ARTICLE	IF	CITATIONS
5555	Are We Designed to Be Happy?. , 2020, , 91-96.		0
5556	Separable neural mechanisms for the pleiotropic association of copy number variants with neuropsychiatric traits. <i>Translational Psychiatry</i> , 2020, 10, 93.	2.4	12
5557	Resting-State Functional Connectivity Estimated With Hierarchical Bayesian Diffuse Optical Tomography. <i>Frontiers in Neuroscience</i> , 2020, 14, 32.	1.4	11
5558	Sleep and resting-state functional magnetic resonance imaging connectivity in middle-aged adults and the elderly: A population-based study. <i>Journal of Sleep Research</i> , 2020, 29, e12999.	1.7	8
5559	Delayed correlations improve the reconstruction of the brain connectome. <i>PLoS ONE</i> , 2020, 15, e0228334.	1.1	8
5560	Explaining Individual Differences in Motor Behavior by Intrinsic Functional Connectivity and Corticospinal Excitability. <i>Frontiers in Neuroscience</i> , 2020, 14, 76.	1.4	11
5561	Does the child brain rest?: An examination and interpretation of resting cognition in developmental cognitive neuroscience. <i>NeuroImage</i> , 2020, 212, 116688.	2.1	33
5562	Classification from Triplet Comparison Data. <i>Neural Computation</i> , 2020, 32, 659-681.	1.3	9
5563	The developmental trajectory of fronto-temporoparietal connectivity as a proxy of the default mode network: a longitudinal fNIRS investigation. <i>Human Brain Mapping</i> , 2020, 41, 2717-2740.	1.9	40
5564	Classifying action intention understanding EEG signals based on weighted brain network metric features. <i>Biomedical Signal Processing and Control</i> , 2020, 59, 101893.	3.5	8
5565	Abnormal amygdala subregional-sensorimotor connectivity correlates with positive symptom in schizophrenia. <i>NeuroImage: Clinical</i> , 2020, 26, 102218.	1.4	14
5566	Functional Connectivity Abnormalities of Brain Regions With Structural Deficits in Primary Insomnia Patients. <i>Frontiers in Neuroscience</i> , 2020, 14, 566.	1.4	12
5567	Bring the Noise: Reconceptualizing Spontaneous Neural Activity. <i>Trends in Cognitive Sciences</i> , 2020, 24, 734-746.	4.0	101
5568	Brain-body interactions underlying the association of loneliness with mental and physical health. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 116, 283-300.	2.9	56
5569	Individual differences in local functional brain connectivity affect TMS effects on behavior. <i>Scientific Reports</i> , 2020, 10, 10422.	1.6	7
5570	An open database of resting-state fMRI in awake rats. <i>NeuroImage</i> , 2020, 220, 117094.	2.1	43
5571	The Role of Resting-State Network Functional Connectivity in Cognitive Aging. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 177.	1.7	62
5572	Aberrant Brain Spontaneous Activity and Synchronization in Type 2 Diabetes Mellitus Patients: A Resting-State Functional MRI Study. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 181.	1.7	13

#	ARTICLE	IF	CITATIONS
5573	Increased Dynamic Amplitude of Low Frequency Fluctuation in Primary Insomnia. <i>Frontiers in Neurology</i> , 2020, 11, 609.	1.1	9
5574	Deep Multimodal Learning for the Diagnosis of Autism Spectrum Disorder. <i>Journal of Imaging</i> , 2020, 6, 47.	1.7	32
5575	Altered Whole-Brain Functional Networks in Drug-Naïve, First-Episode Adolescents With Major Depression Disorder. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 52, 1790-1798.	1.9	22
5576	Functional engagement of white matter in resting-state brain networks. <i>NeuroImage</i> , 2020, 220, 117096.	2.1	38
5577	Single-scale time-dependent window-sizes in sliding-window dynamic functional connectivity analysis: A validation study. <i>NeuroImage</i> , 2020, 220, 117111.	2.1	25
5578	Resting-state brain and spinal cord networks in humans are functionally integrated. <i>PLoS Biology</i> , 2020, 18, e3000789.	2.6	37
5579	Estimation and validation of individualized dynamic brain models with resting state fMRI. <i>NeuroImage</i> , 2020, 221, 117046.	2.1	32
5580	Hippocampal Dysconnectivity and Altered Glutamatergic Modulation of the Default Mode Network: A Combined Resting-State Connectivity and Magnetic Resonance Spectroscopy Study in Schizophrenia. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2022, 7, 108-118.	1.1	10
5581	Removal of high frequency contamination from motion estimates in single-band fMRI saves data without biasing functional connectivity. <i>NeuroImage</i> , 2020, 217, 116866.	2.1	62
5582	The ventral attention network: the mirror of the language network in the right brain hemisphere. <i>Journal of Anatomy</i> , 2020, 237, 632-642.	0.9	21
5583	A decrease in spontaneous activity in medial prefrontal cortex is associated with sustained hallucinations in chronic schizophrenia: An NIRS study. <i>Scientific Reports</i> , 2020, 10, 9569.	1.6	10
5584	Propagation of BOLD Activity Reveals Task-dependent Directed Interactions Across Human Visual Cortex. <i>Cerebral Cortex</i> , 2020, 30, 5899-5914.	1.6	6
5585	Global motion detection and censoring in high-density diffuse optical tomography. <i>Human Brain Mapping</i> , 2020, 41, 4093-4112.	1.9	41
5586	Improved dynamic connection detection power in estimated dynamic functional connectivity considering multivariate dependencies between brain regions. <i>Human Brain Mapping</i> , 2020, 41, 4264-4287.	1.9	7
5587	R-fMRI reconstruction from k ^t undersampled data using a subject-invariant dictionary model and VB-EM with nested minorization. <i>Medical Image Analysis</i> , 2020, 65, 101752.	7.0	3
5588	Increased Amplitude of Low-Frequency Fluctuation in Right Angular Gyrus and Left Superior Occipital Gyrus Negatively Correlated With Heroin Use. <i>Frontiers in Psychiatry</i> , 2020, 11, 492.	1.3	11
5589	Filtered correlation and allowed frequency spectra in dynamic functional connectivity. <i>Journal of Neuroscience Methods</i> , 2020, 343, 108837.	1.3	4
5590	Brain and behaviour in post-acute stroke: Reduction in seeking and posterior cingulate neuronal variability. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2020, 42, 584-601.	0.8	2

#	ARTICLE	IF	CITATIONS
5591	Combined Isoflurane-Remifentanyl Anaesthesia Permits Resting-State fMRI in Children with Severe Epilepsy and Intellectual Disability. <i>Brain Topography</i> , 2020, 33, 618-635.	0.8	1
5592	Lateralized Connectivity between Globus Pallidus and Motor Cortex is Associated with Freezing of Gait in Parkinson's Disease. <i>Neuroscience</i> , 2020, 443, 44-58.	1.1	14
5593	Ultrafast ultrasound imaging pattern analysis reveals distinctive dynamic brain states and potent sub-network alterations in arthritic animals. <i>Scientific Reports</i> , 2020, 10, 10485.	1.6	16
5594	Influence of More Than 5 Years of Continuous Exposure to Antipsychotics on Cerebral Functional Connectivity of Chronic Schizophrenia. <i>Canadian Journal of Psychiatry</i> , 2020, 65, 463-472.	0.9	4
5595	Abnormal Baseline Brain Activity in Neuromyelitis Optica Patients Without Brain Lesion Detected by Resting-State Functional Magnetic Resonance Imaging. <i>Neuropsychiatric Disease and Treatment</i> , 2020, Volume 16, 71-79.	1.0	5
5596	Healthy Subjects With Extreme Patterns of Performance Differ in Functional Network Topology and Benefits From Nicotine. <i>Frontiers in Systems Neuroscience</i> , 2019, 13, 83.	1.2	1
5597	Paradigm Changes in Surface-Motion Estimation From SAR: Lessons From 16 Years of Sino-European Cooperation in the Dragon Program. <i>IEEE Geoscience and Remote Sensing Magazine</i> , 2020, 8, 8-21.	4.9	11
5598	Damage to the shortest structural paths between brain regions is associated with disruptions of resting-state functional connectivity after stroke. <i>NeuroImage</i> , 2020, 210, 116589.	2.1	51
5599	Resting-state Functional Connectivity of the Right Temporoparietal Junction Relates to Belief Updating and Reorienting during Spatial Attention. <i>Journal of Cognitive Neuroscience</i> , 2020, 32, 1130-1141.	1.1	2
5600	Comparing Cyclicity Analysis With Pre-established Functional Connectivity Methods to Identify Individuals and Subject Groups Using Resting State fMRI. <i>Frontiers in Computational Neuroscience</i> , 2020, 13, 94.	1.2	7
5601	Linking Structure and Function in Macroscale Brain Networks. <i>Trends in Cognitive Sciences</i> , 2020, 24, 302-315.	4.0	477
5602	Network segregation varies with neural distinctiveness in sensorimotor cortex. <i>NeuroImage</i> , 2020, 212, 116663.	2.1	28
5603	Effects of galvanic vestibular stimulation on resting state brain activity in patients with bilateral vestibulopathy. <i>Human Brain Mapping</i> , 2020, 41, 2527-2547.	1.9	18
5604	APOE4 moderates effects of cortical iron on synchronized default mode network activity in cognitively healthy aged adults. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020, 12, e12002.	1.2	23
5605	Rethinking Measures of Functional Connectivity via Feature Extraction. <i>Scientific Reports</i> , 2020, 10, 1298.	1.6	75
5606	Deep brain stimulation in essential tremor: targets, technology, and a comprehensive review of clinical outcomes. <i>Expert Review of Neurotherapeutics</i> , 2020, 20, 319-331.	1.4	22
5607	Immediate effects of noxious and innocuous thermal stimulation on brain activation in patients with stroke. <i>Medicine (United States)</i> , 2020, 99, e19386.	0.4	2
5608	Sparse Representation-Based Denoising for High-Resolution Brain Activation and Functional Connectivity Modeling: A Task fMRI Study. <i>IEEE Access</i> , 2020, 8, 36728-36740.	2.6	9

#	ARTICLE	IF	CITATIONS
5609	Opposing Changes in the Functional Architecture of Large-Scale Networks in Bipolar Mania and Depression. <i>Schizophrenia Bulletin</i> , 2020, 46, 971-980.	2.3	36
5610	Atypical Dynamic-Connectivity Recruitment in Attention-Deficit/Hyperactivity Disorder Children: An Insight Into Task-Based Dynamic Connectivity Through an fNIRS Study. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 3.	1.0	16
5611	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.	1.6	34
5612	Revisiting the Functional Anatomy of the Human Brain: Toward a Meta-Networking Theory of Cerebral Functions. <i>Physiological Reviews</i> , 2020, 100, 1181-1228.	13.1	126
5613	Amygdala activity related to perceived social support. <i>Scientific Reports</i> , 2020, 10, 2951.	1.6	13
5614	Stronger Functional Connectivity in the Default Mode and Salience Networks Is Associated With Youthful Memory in Superaging. <i>Cerebral Cortex</i> , 2020, 30, 72-84.	1.6	44
5615	Reorganisation of Brain Hubs across Altered States of Consciousness. <i>Scientific Reports</i> , 2020, 10, 3402.	1.6	17
5616	Whole-brain electrophysiological functional connectivity dynamics in resting-state EEG. <i>Journal of Neural Engineering</i> , 2020, 17, 026016.	1.8	10
5617	Resting-state fMRI detects alterations in whole brain connectivity related to tumor biology in glioma patients. <i>Neuro-Oncology</i> , 2020, 22, 1388-1398.	0.6	60
5618	Structural and functional correlates of smartphone addiction. <i>Addictive Behaviors</i> , 2020, 105, 106334.	1.7	110
5619	Intrinsic brain activity of subcortical-cortical sensorimotor system and psychomotor alterations in schizophrenia and bipolar disorder: A preliminary study. <i>Schizophrenia Research</i> , 2020, 218, 157-165.	1.1	30
5620	Awake functional MRI detects neural circuit dysfunction in a mouse model of autism. <i>Science Advances</i> , 2020, 6, eaav4520.	4.7	62
5621	Sub-graph entropy based network approaches for classifying adolescent obsessive-compulsive disorder from resting-state functional MRI. <i>NeuroImage: Clinical</i> , 2020, 26, 102208.	1.4	15
5622	Animal Functional Magnetic Resonance Imaging: Trends and Path Toward Standardization. <i>Frontiers in Neuroinformatics</i> , 2019, 13, 78.	1.3	78
5623	Cortical laminar resting-state signal fluctuations scale with the hypercapnic blood oxygenation level-dependent response. <i>Human Brain Mapping</i> , 2020, 41, 2014-2027.	1.9	25
5624	Real-time biofeedback integrated into neuromuscular training reduces high-risk knee biomechanics and increases functional brain connectivity: A preliminary longitudinal investigation. <i>Psychophysiology</i> , 2020, 57, e13545.	1.2	25
5625	TbCAPs: A toolbox for co-activation pattern analysis. <i>NeuroImage</i> , 2020, 211, 116621.	2.1	36
5626	Advanced Statistical Techniques for Noninvasive Hyperglycemic States Detection in Mice Using Millimeter-Wave Spectroscopy. <i>IEEE Transactions on Terahertz Science and Technology</i> , 2020, 10, 237-245.	2.0	7

#	ARTICLE	IF	CITATIONS
5627	Decreased Hand Motor Resting-State Functional Connectivity in Patients with Glioma: Analysis of Factors including Neurovascular Uncoupling. <i>Radiology</i> , 2020, 294, 610-621.	3.6	18
5628	Dynamic changes of views on the brain changes of Cushing's syndrome using different computer-assisted tool. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2020, 21, 185-200.	2.6	6
5629	Role of beta-band resting-state functional connectivity as a predictor of motor learning ability. <i>NeuroImage</i> , 2020, 210, 116562.	2.1	24
5630	Space: A Missing Piece of the Dynamic Puzzle. <i>Trends in Cognitive Sciences</i> , 2020, 24, 135-149.	4.0	49
5631	Acute kick-boxing exercise alters effective connectivity in the brain of females with methamphetamine dependencies. <i>Neuroscience Letters</i> , 2020, 720, 134780.	1.0	7
5632	Potential for Resting-State fMRI of the Amygdala in Elucidating Neural Mechanisms of Adaptive Self-Regulatory Strategies: A Systematic Review. <i>Brain Connectivity</i> , 2020, 10, 3-17.	0.8	1
5633	Human Brain Functional Network Organization Is Disrupted After Whole-Brain Radiation Therapy. <i>Brain Connectivity</i> , 2020, 10, 29-38.	0.8	17
5634	Overlapping attentional networks yield divergent behavioral predictions across tasks: Neuromarkers for diffuse and focused attention?. <i>NeuroImage</i> , 2020, 209, 116535.	2.1	22
5635	Bayesian deep learning: A model-based interpretable approach. <i>Nonlinear Theory and Its Applications IEICE</i> , 2020, 11, 16-35.	0.4	2
5636	Detecting the Information of Functional Connectivity Networks in Normal Aging Using Deep Learning From a Big Data Perspective. <i>Frontiers in Neuroscience</i> , 2019, 13, 1435.	1.4	5
5637	Functional MRI in Children: Current Clinical Applications. <i>Seminars in Pediatric Neurology</i> , 2020, 33, 100800.	1.0	4
5638	Revealing Relationships Among Cognitive Functions Using Functional Connectivity and a Large-Scale Meta-Analysis Database. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 457.	1.0	7
5639	Resting-state effective connectivity in the motive circuit of methamphetamine users: A case controlled fMRI study. <i>Behavioural Brain Research</i> , 2020, 383, 112498.	1.2	11
5640	Transcranial Direct Current Stimulation Applied to the Dorsolateral and Ventromedial Prefrontal Cortices in Smokers Modifies Cognitive Circuits Implicated in the Nicotine Withdrawal Syndrome. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 448-460.	1.1	8
5641	Absence of default mode downregulation in response to a mild psychological stressor marks stress-vulnerability across diverse psychiatric disorders. <i>NeuroImage: Clinical</i> , 2020, 25, 102176.	1.4	17
5642	An fMRI study of English and Spanish word reading in bilingual adults. <i>Brain and Language</i> , 2020, 202, 104725.	0.8	9
5643	Altered network connectivity predicts response to cognitive-behavioral therapy in pediatric obsessive-compulsive disorder. <i>Neuropsychopharmacology</i> , 2020, 45, 1232-1240.	2.8	26
5644	The Musical Structure of Time in the Brain: Repetition, Rhythm, and Harmony in fMRI During Rest and Passive Movie Viewing. <i>Frontiers in Computational Neuroscience</i> , 2019, 13, 98.	1.2	3

#	ARTICLE	IF	CITATIONS
5645	Percent amplitude of fluctuation: A simple measure for resting-state fMRI signal at single voxel level. PLoS ONE, 2020, 15, e0227021.	1.1	78
5646	Nonreplication of functional connectivity differences in autism spectrum disorder across multiple sites and denoising strategies. Human Brain Mapping, 2020, 41, 1334-1350.	1.9	50
5647	Intrinsic prefrontal organization underlies associations between achievement motivation and delay discounting. Brain Structure and Function, 2020, 225, 511-518.	1.2	5
5648	Inter-Network Functional Connectivity Changes in Patients With Brain Tumors: A Resting-State Functional Magnetic Resonance Imaging Study. World Neurosurgery, 2020, 138, e66-e71.	0.7	6
5649	Distinct structure-function relationships across cortical regions and connectivity scales in the rat brain. Scientific Reports, 2020, 10, 56.	1.6	12
5650	A Comparison of Functional Networks Derived From Representational Similarity, Functional Connectivity, and Univariate Analyses. Frontiers in Neuroscience, 2019, 13, 1348.	1.4	15
5651	Distinct patterns of thought mediate the link between brain functional connectomes and well-being. Network Neuroscience, 2020, 4, 637-657.	1.4	14
5652	Connections, Tracts, Fractals, and the Rest: A Working Guide to Network and Connectivity Studies in Neurosurgery. World Neurosurgery, 2020, 140, 389-400.	0.7	6
5653	Pushing the Limits of EEG: Estimation of Large-Scale Functional Brain Networks and Their Dynamics Validated by Simultaneous fMRI. Frontiers in Neuroscience, 2020, 14, 323.	1.4	15
5654	Altered functional connectivity of right inferior frontal gyrus subregions in bipolar disorder: a resting state fMRI study. Journal of Affective Disorders, 2020, 272, 58-65.	2.0	24
5655	Intrinsic Cerebro-Cerebellar Functional Connectivity Reveals the Function of Cerebellum VI in Reading-Related Skills. Frontiers in Psychology, 2020, 11, 420.	1.1	11
5656	A Comprehensive Review of Brain Connectomics and Imaging to Improve Deep Brain Stimulation Outcomes. Movement Disorders, 2020, 35, 741-751.	2.2	40
5657	Evaluating the retest reproducibility of intrinsic connectivity network using multivariate correlation coefficient. Neural Computing and Applications, 2020, 32, 14623-14638.	3.2	3
5658	Inter-individual differences in resting-state functional connectivity are linked to interval timing in irregular contexts. Cortex, 2020, 128, 254-269.	1.1	9
5659	Finding the needle in a high-dimensional haystack: Canonical correlation analysis for neuroscientists. NeuroImage, 2020, 216, 116745.	2.1	163
5660	Electrically coupled inhibitory interneurons constrain long-range connectivity of cortical networks. NeuroImage, 2020, 215, 116810.	2.1	11
5661	Functional brain network reconfiguration during learning in a dynamic environment. Nature Communications, 2020, 11, 1682.	5.8	25
5662	Neural magnetic field dependent fMRI toward direct functional connectivity measurements: A phantom study. Scientific Reports, 2020, 10, 5463.	1.6	6

#	ARTICLE	IF	CITATIONS
5663	Temporal Signal-to-Noise Changes in Combined Multislice- and In-Plane-Accelerated Echo-Planar Imaging with a 20- and 64-Channel Coil. <i>Scientific Reports</i> , 2020, 10, 5536.	1.6	13
5664	Dynamic coupling of whole-brain neuronal and neurotransmitter systems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 9566-9576.	3.3	173
5665	Heterogeneity of Preictal Dynamics in Human Epileptic Seizures. <i>IEEE Access</i> , 2020, 8, 52738-52748.	2.6	5
5666	Static Explosion Field Reconstruction Based on the Improved Biharmonic Spline Interpolation. <i>IEEE Sensors Journal</i> , 2020, 20, 7235-7240.	2.4	3
5667	Higher Sensitivity and Reproducibility of Wavelet-Based Amplitude of Resting-State fMRI. <i>Frontiers in Neuroscience</i> , 2020, 14, 224.	1.4	18
5668	Language lateralization from task-based and resting state functional MRI in patients with epilepsy. <i>Human Brain Mapping</i> , 2020, 41, 3133-3146.	1.9	19
5669	Controlling for the effect of arterial-CO2 fluctuations in resting-state fMRI: Comparing end-tidal CO2 clamping and retroactive CO2 correction. <i>NeuroImage</i> , 2020, 216, 116874.	2.1	18
5670	Echo planar time-resolved imaging with subspace reconstruction and optimized spatiotemporal encoding. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 2442-2455.	1.9	28
5671	Modeling the impact of neurovascular coupling impairments on BOLD-based functional connectivity at rest. <i>NeuroImage</i> , 2020, 218, 116871.	2.1	15
5672	Functional connectivity changes in patients with brain tumours: A systematic review on resting state-fMRI. <i>Neurology Psychiatry and Brain Research</i> , 2020, 36, 73-82.	2.0	16
5673	The Specific Impact of Apolipoprotein E Epsilon 2 on Cognition and Brain Function in Cognitively Normal Elders and Mild Cognitive Impairment Patients. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 374.	1.7	6
5674	Current methods and new directions in resting state fMRI. <i>Clinical Imaging</i> , 2020, 65, 47-53.	0.8	52
5675	Multi-Class ASD Classification Based on Functional Connectivity and Functional Correlation Tensor via Multi-Source Domain Adaptation and Multi-View Sparse Representation. <i>IEEE Transactions on Medical Imaging</i> , 2020, 39, 3137-3147.	5.4	44
5676	Stage detection of mild cognitive impairment via fMRI using Hilbert Huang transform based classification framework. <i>Medical Physics</i> , 2020, 47, 2902-2915.	1.6	12
5677	Functional Brain Connectivity of Language Functions in Children Revealed by EEG and MEG: A Systematic Review. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 62.	1.0	32
5678	The ENIGMA Stroke Recovery Working Group: Big data neuroimaging to study brain-behavior relationships after stroke. <i>Human Brain Mapping</i> , 2022, 43, 129-148.	1.9	54
5679	The default mode network in self- and other-referential processing: effect of cultural values. <i>Culture and Brain</i> , 2021, 9, 144-160.	0.3	3
5680	Stronger right hemisphere functional connectivity supports executive aspects of language in older adults. <i>Brain and Language</i> , 2020, 206, 104771.	0.8	11

#	ARTICLE	IF	CITATIONS
5681	Modeling regional changes in dynamic stability during sleep and wakefulness. <i>NeuroImage</i> , 2020, 215, 116833.	2.1	48
5682	Sensation-seeking is related to functional connectivities of the medial orbitofrontal cortex with the anterior cingulate cortex. <i>NeuroImage</i> , 2020, 215, 116845.	2.1	14
5683	Altered Functional and Structural Connectomes in Female High School Soccer Athletes After a Season of Head Impact Exposure and the Effect of a Novel Collar. <i>Brain Connectivity</i> , 2020, 10, 292-301.	0.8	12
5684	Functional brain network mechanism of executive control dysfunction in temporal lobe epilepsy. <i>BMC Neurology</i> , 2020, 20, 137.	0.8	11
5685	The Cerebro-Cerebellum as a Locus of Forward Model: A Review. <i>Frontiers in Systems Neuroscience</i> , 2020, 14, 19.	1.2	86
5686	Functional anomaly mapping reveals local and distant dysfunction caused by brain lesions. <i>NeuroImage</i> , 2020, 215, 116806.	2.1	12
5687	Reducing Inter-Site Variability for Fluctuation Amplitude Metrics in Multisite Resting State BOLD-fMRI Data. <i>Neuroinformatics</i> , 2021, 19, 23-38.	1.5	1
5688	A General Time-Domain Method for Harmonic Distortion Estimation in CMOS Circuits. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , 2021, 40, 157-170.	1.9	3
5689	An analytical workflow for seed-based correlation and independent component analysis in interventional resting-state fMRI studies. <i>Neuroscience Research</i> , 2021, 165, 26-37.	1.0	17
5690	Functional brain connectivity changes across the human life span: From fetal development to old age. <i>Journal of Neuroscience Research</i> , 2021, 99, 236-262.	1.3	62
5691	Spontaneous Beta Band Rhythms in the Predictive Coding of Natural Stimuli. <i>Neuroscientist</i> , 2021, 27, 184-201.	2.6	38
5692	A computational model-based analysis of basal ganglia pathway changes in Parkinson's disease inferred from resting-state fMRI. <i>European Journal of Neuroscience</i> , 2021, 53, 2278-2295.	1.2	14
5693	Altered spontaneous neuronal activity and functional connectivity pattern in primary angle-closure glaucoma: a resting-state fMRI study. <i>Neurological Sciences</i> , 2021, 42, 243-251.	0.9	13
5694	Impact of physiological noise in characterizing the functional MRI default-mode network in Alzheimer's disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 166-181.	2.4	9
5695	Functional Connectivity of Attention-Related Networks in Drug-Naïve Children With ADHD. <i>Journal of Attention Disorders</i> , 2021, 25, 377-388.	1.5	20
5696	Disrupted Intersubject Variability Architecture in Functional Connectomes in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2021, 47, 837-848.	2.3	25
5697	The brain and behavioral correlates of motor-related analgesia (MRA). <i>Neurobiology of Disease</i> , 2021, 148, 105158.	2.1	14
5698	Characterizing Inscapes and resting-state in MEG: Effects in typical and atypical development. <i>NeuroImage</i> , 2021, 225, 117524.	2.1	10

#	ARTICLE	IF	CITATIONS
5699	Neuronal mechanisms of adenosine A 2A receptors in the loss of consciousness induced by propofol general anesthesia with functional magnetic resonance imaging. <i>Journal of Neurochemistry</i> , 2021, 156, 1020-1032.	2.1	10
5700	Diagnosis of early Alzheimer's disease based on dynamic high order networks. <i>Brain Imaging and Behavior</i> , 2021, 15, 276-287.	1.1	36
5701	Understanding psychophysiological interaction and its relations to beta series correlation. <i>Brain Imaging and Behavior</i> , 2021, 15, 958-973.	1.1	22
5702	Synergistic effects of HIV and marijuana use on functional brain network organization. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 104, 110040.	2.5	17
5703	Deep Generative Model of Individual Variability in fMRI Images of Psychiatric Patients. <i>IEEE Transactions on Biomedical Engineering</i> , 2021, 68, 592-605.	2.5	3
5704	MICA: A toolkit for multimodal image coupling analysis. <i>Journal of Neuroscience Methods</i> , 2021, 347, 108962.	1.3	5
5705	Normal Olfactory Functional Connectivity Despite Lifelong Absence of Olfactory Experiences. <i>Cerebral Cortex</i> , 2021, 31, 159-168.	1.6	13
5706	Resting state functional MRI in infants with prenatal opioid exposure—a pilot study. <i>Neuroradiology</i> , 2021, 63, 585-591.	1.1	28
5707	Dynamic state with covarying brain activity-connectivity: On the pathophysiology of schizophrenia. <i>NeuroImage</i> , 2021, 224, 117385.	2.1	52
5708	Individual Differences in Intrinsic Brain Networks Predict Symptom Severity in Autism Spectrum Disorders. <i>Cerebral Cortex</i> , 2021, 31, 681-693.	1.6	10
5709	Abnormal dynamics of functional connectivity in first-episode and treatment-naïve patients with obsessive-compulsive disorder. <i>Psychiatry and Clinical Neurosciences</i> , 2021, 75, 14-22.	1.0	13
5710	Alterations in Functional Connectomics Associated With Neurocognitive Changes Following Glioma Resection. <i>Neurosurgery</i> , 2021, 88, 544-551.	0.6	10
5711	Influence of music liking on EEG based emotion recognition. <i>Biomedical Signal Processing and Control</i> , 2021, 64, 102251.	3.5	43
5712	Probing rapid network reorganization of motor and language functions via neuromodulation and neuroimaging. <i>NeuroImage</i> , 2021, 224, 117449.	2.1	33
5713	Resting-State Directional Connectivity and Anxiety and Depression Symptoms in Adult Cannabis Users. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 545-555.	1.1	8
5714	Both activation and deactivation of functional networks support increased sentence processing costs. <i>NeuroImage</i> , 2021, 225, 117475.	2.1	8
5715	Imaging Developmental and Interventional Plasticity Following Perinatal Stroke. <i>Canadian Journal of Neurological Sciences</i> , 2021, 48, 157-171.	0.3	11
5716	Magnetic resonance imaging for chronic pain: diagnosis, manipulation, and biomarkers. <i>Science China Life Sciences</i> , 2021, 64, 879-896.	2.3	22

#	ARTICLE	IF	CITATIONS
5717	Resting state functional atlas and cerebral networks in mouse lemur primates at 11.7 Tesla. <i>NeuroImage</i> , 2021, 226, 117589.	2.1	11
5718	Decreased connection density and modularity of functional brain networks during nâ€back working memory paradigm. <i>Brain and Behavior</i> , 2021, 11, e01932.	1.0	11
5719	Dynamic Changes of Brain Networks during Working Memory Tasks in Schizophrenia. <i>Neuroscience</i> , 2021, 453, 187-205.	1.1	7
5720	Dynamic Brain Connectivity in Resting State Functional MR Imaging. <i>Neuroimaging Clinics of North America</i> , 2021, 31, 81-92.	0.5	13
5721	Naturalistic Language Input is Associated with Resting-State Functional Connectivity in Infancy. <i>Journal of Neuroscience</i> , 2021, 41, 424-434.	1.7	35
5722	Structure-function coupling in the human connectome: A machine learning approach. <i>NeuroImage</i> , 2021, 226, 117609.	2.1	69
5723	Abnormal amplitude of spontaneous low-frequency fluctuation in children with growth hormone deficiency: A resting-state functional magnetic resonance imaging study. <i>Neuroscience Letters</i> , 2021, 742, 135546.	1.0	7
5724	Longitudinal changes in network homogeneity in presymptomatic C9orf72 mutation carriers. <i>Neurobiology of Aging</i> , 2021, 99, 1-10.	1.5	5
5725	A multimetric systematic review of fMRI findings in patients with MDD receiving ECT. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 108, 110178.	2.5	30
5726	Abnormal blood oxygen levelâ€dependent fluctuations and remote connectivity in sleepâ€related hypermotor epilepsy. <i>Acta Neurologica Scandinavica</i> , 2021, 143, 514-520.	1.0	8
5727	Investigation of sensorimotor dysfunction in Parkinson disease by resting-state fMRI. <i>Neuroscience Letters</i> , 2021, 742, 135512.	1.0	20
5728	Shared and specific dynamics of brain segregation and integration in bipolar disorder and major depressive disorder: A resting-state functional magnetic resonance imaging study. <i>Journal of Affective Disorders</i> , 2021, 280, 279-286.	2.0	31
5729	Frequency-specific alterations of the frontal-cerebellar circuit in first-episode, drug-naïve somatization disorder. <i>Journal of Affective Disorders</i> , 2021, 280, 319-325.	2.0	1
5730	Effects of socioeconomic status in predicting reading outcomes for children: The mediation of spoken language network. <i>Brain and Cognition</i> , 2021, 147, 105655.	0.8	11
5731	The Problem of Neurovascular Uncoupling. <i>Neuroimaging Clinics of North America</i> , 2021, 31, 53-67.	0.5	13
5732	Atypical Functional Covariance Connectivity Between Gray and White Matter in Children With Autism Spectrum Disorder. <i>Autism Research</i> , 2021, 14, 464-472.	2.1	14
5733	Does photobiomodulation influence the resting-state brain networks in young human subjects?. <i>Experimental Brain Research</i> , 2021, 239, 435-449.	0.7	7
5734	An electroencephalographic examination of the autonomous sensory meridian response (ASMR). <i>Consciousness and Cognition</i> , 2021, 87, 103053.	0.8	26

#	ARTICLE	IF	CITATIONS
5735	Back to basics: the neuronal substrates and mechanisms that underlie the electroencephalogram in premature neonates. <i>Neurophysiologie Clinique</i> , 2021, 51, 5-33.	1.0	37
5736	EEG Microstates Predict Concurrent fMRI Dynamic Functional Connectivity States. <i>Brain Topography</i> , 2021, 34, 41-55.	0.8	26
5737	Study of functional connectivity of central motor system in Parkinson's disease using copula theory. <i>Biomedical Signal Processing and Control</i> , 2021, 65, 102320.	3.5	9
5738	Aberrant state-related dynamic amplitude of low-frequency fluctuations of the emotion network in major depressive disorder. <i>Journal of Psychiatric Research</i> , 2021, 133, 23-31.	1.5	17
5739	Deep multi-kernel auto-encoder network for clustering brain functional connectivity data. <i>Neural Networks</i> , 2021, 135, 148-157.	3.3	18
5740	Age-related differences in resting-state and task-based network characteristics and cognition: a lifespan sample. <i>Neurobiology of Aging</i> , 2021, 101, 262-272.	1.5	13
5741	Altered power spectra in antisocial males during rest as a function of cocaine dependence: A network analysis. <i>Psychiatry Research - Neuroimaging</i> , 2021, 309, 111235.	0.9	2
5742	Use of random matrix theory in the discovery of resting state brain networks. <i>Magnetic Resonance Imaging</i> , 2021, 77, 69-87.	1.0	1
5743	The detailed organization of the human cerebellum estimated by intrinsic functional connectivity within the individual. <i>Journal of Neurophysiology</i> , 2021, 125, 358-384.	0.9	70
5744	Atypical Inter-network Deactivation Associated With the Posterior Default Mode Network in Autism Spectrum Disorder. <i>Autism Research</i> , 2021, 14, 248-264.	2.1	4
5745	Transcranial magnetic stimulation and neuroimaging for cocaine use disorder: Review and future directions. <i>American Journal of Drug and Alcohol Abuse</i> , 2021, 47, 144-153.	1.1	6
5746	A Classification-Based Approach to Estimate the Number of Resting Functional Magnetic Resonance Imaging Dynamic Functional Connectivity States. <i>Brain Connectivity</i> , 2021, 11, 132-145.	0.8	17
5747	Whole-Brain Dynamics in Aging: Disruptions in Functional Connectivity and the Role of the Rich Club. <i>Cerebral Cortex</i> , 2021, 31, 2466-2481.	1.6	29
5748	Hierarchical disruption in the cortex of anesthetized monkeys as a new signature of consciousness loss. <i>NeuroImage</i> , 2021, 227, 117618.	2.1	18
5749	Spatiotemporal functional interactivity among large-scale brain networks. <i>NeuroImage</i> , 2021, 227, 117628.	2.1	4
5750	Replay bursts in humans coincide with activation of the default mode and parietal alpha networks. <i>Neuron</i> , 2021, 109, 882-893.e7.	3.8	92
5751	Impact of non-CNS childhood cancer on resting-state connectivity and its association with cognition. <i>Brain and Behavior</i> , 2021, 11, e01931.	1.0	5
5752	Brain connectivity and behavioral changes in a spaceflight analog environment with elevated CO ₂ . <i>NeuroImage</i> , 2021, 225, 117450.	2.1	25

#	ARTICLE	IF	CITATIONS
5753	15 Years MR-encephalography. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2021, 34, 85-108.	1.1	13
5754	Re-visiting Riemannian geometry of symmetric positive definite matrices for the analysis of functional connectivity. NeuroImage, 2021, 225, 117464.	2.1	35
5755	The laminar pattern of resting state in human cerebral cortex. Magnetic Resonance Imaging, 2021, 76, 8-16.	1.0	1
5756	Interrelations between dopamine and serotonin producing sites and regions of the default mode network. Human Brain Mapping, 2021, 42, 811-823.	1.9	12
5757	Systematic Review: Medication Effects on Brain Intrinsic Functional Connectivity in Patients With Attention-Deficit/Hyperactivity Disorder. Journal of the American Academy of Child and Adolescent Psychiatry, 2021, 60, 222-235.	0.3	26
5758	Suppressing Anterior Cingulate Cortex Modulates Default Mode Network and Behavior in Awake Rats. Cerebral Cortex, 2021, 31, 312-323.	1.6	36
5759	Predicting the fMRI Signal Fluctuation with Recurrent Neural Networks Trained on Vascular Network Dynamics. Cerebral Cortex, 2021, 31, 826-844.	1.6	9
5760	Dynamic functional network reconfiguration underlying the pathophysiology of schizophrenia and autism spectrum disorder. Human Brain Mapping, 2021, 42, 80-94.	1.9	27
5761	Altered amplitude of low-frequency fluctuations and regional homogeneity in drug-resistant epilepsy patients with vagal nerve stimulators under different current intensity. CNS Neuroscience and Therapeutics, 2021, 27, 320-329.	1.9	16
5762	Altered Dynamic Functional Connectivity in Patients With Mitochondrial Encephalomyopathy With Lactic Acidosis and Stroke-Like Episodes (MELAS) at Acute and Chronic Stages: Shared and Specific Brain Connectivity Abnormalities. Journal of Magnetic Resonance Imaging, 2021, 53, 427-436.	1.9	6
5763	Resting-State Fluctuations Underlie Free and Creative Verbal Behaviors in the Human Brain. Cerebral Cortex, 2021, 31, 213-232.	1.6	13
5764	Effects of different smoothing on global and regional resting functional connectivity. Neuroradiology, 2021, 63, 99-109.	1.1	14
5765	Effective Connectivity for Default Mode Network Analysis of Alcoholism. Brain Connectivity, 2021, 11, 12-29.	0.8	15
5766	Frequency-specific alternations in the moment-to-moment BOLD signals variability in schizophrenia. Brain Imaging and Behavior, 2021, 15, 68-75.	1.1	10
5767	Modeling motor task activation from resting-state fMRI using machine learning in individual subjects. Brain Imaging and Behavior, 2021, 15, 122-132.	1.1	9
5768	Neural network connectivity in ADHD children: an independent component and functional connectivity analysis of resting state fMRI data.. Brain Imaging and Behavior, 2021, 15, 157-165.	1.1	21
5769	Shared alterations in resting-state brain connectivity in adults with attention-deficit/hyperactivity disorder and their unaffected first-degree relatives. Psychological Medicine, 2021, 51, 329-339.	2.7	4
5770	Resting-State Functional Network Disturbances in Schizophrenia. , 2021, , 187-215.		5

#	ARTICLE	IF	CITATIONS
5771	Integrating Various Neural Features Based on Mechanism of Intricate Balance and Ongoing Activity: Unified Neural Account Underlying and Correspondent to Mental Phenomena. <i>World Journal of Neuroscience</i> , 2021, 11, 161-210.	0.1	1
5772	Diagnostic Markers of Subclinical Depression Based on Functional Connectivity. <i>Contemporary Clinical Neuroscience</i> , 2021, , 283-296.	0.3	0
5773	Functional Connectivity of Nucleus Accumbens and Medial Prefrontal Cortex With Other Brain Regions During Early-Abstinence Is Associated With Alcohol Dependence and Relapse: A Resting-Functional Magnetic Resonance Imaging Study. <i>Frontiers in Psychiatry</i> , 2021, 12, 609458.	1.3	11
5775	Brain Imaging and the Mechanisms of Antidepressant Action. , 2021, , 248-260.		0
5776	Brain Imaging of Reward Dysfunction in Unipolar and Bipolar Disorders. , 2021, , 39-48.		0
5777	Molecular Imaging of Dopamine and Antipsychotics in Bipolar Disorder. , 2021, , 236-247.		0
5779	Measuring functional connectivity in patients with strabismus using stationary functional magnetic resonance imaging: a resting-state network study. <i>Acta Radiologica</i> , 2022, 63, 110-121.	0.5	9
5780	Recurrent and concurrent patterns of regional BOLD dynamics and functional connectivity dynamics in cognitive decline. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 28.	3.0	15
5781	Role of Functional Neuroimaging in Primary Headache Disorders. <i>Neurology India</i> , 2021, 69, 10.	0.2	6
5782	Functional Connectivity in Infancy and Toddlerhood Predicts Long-Term Language and Preliteracy Outcomes. <i>Cerebral Cortex</i> , 2022, 32, 725-736.	1.6	12
5783	Functional network topology in drug resistant and well-controlled idiopathic generalized epilepsy: a resting state functional MRI study. <i>Brain Communications</i> , 2021, 3, fcab196.	1.5	12
5784	Crosstalk between Depression and Dementia with Resting-State fMRI Studies and Its Relationship with Cognitive Functioning. <i>Biomedicine</i> , 2021, 9, 82.	1.4	23
5785	The rostro-caudal gradient in the prefrontal cortex and its modulation by subthalamic deep brain stimulation in Parkinson's disease. <i>Scientific Reports</i> , 2021, 11, 2138.	1.6	2
5787	Towards new concepts for a biological neuroscience of consciousness. <i>Cognitive Neurodynamics</i> , 2021, 15, 783-804.	2.3	9
5788	Keeping weight off: Mindfulness-Based Stress Reduction alters amygdala functional connectivity during weight loss maintenance in a randomized control trial. <i>PLoS ONE</i> , 2021, 16, e0244847.	1.1	10
5789	Review of Resting-State Functional Connectivity Methods and Application in Clinical Populations. , 2021, , 45-74.		0
5790	Computational Modeling of Neural Networks of the Human Brain. , 2021, , 1-20.		0
5791	Biomarkers in Panic Disorder. <i>Current Psychiatry Research and Reviews</i> , 2021, 16, 167-178.	0.1	0

#	ARTICLE	IF	CITATIONS
5793	Magnetoencephalography Studies in Mood Disorders. , 2021, , 192-205.		0
5794	Effects of aging on brain networks during swallowing: general linear model and independent component analyses. Scientific Reports, 2021, 11, 1069.	1.6	5
5796	Functional Near-Infrared Spectroscopy Studies in Mood Disorders. , 2021, , 166-174.		0
5797	Role of dopamine and gray matter density in aging effects and individual differences of functional connectomes. Brain Structure and Function, 2021, 226, 743-758.	1.2	9
5799	Neuroimaging Studies of Effects of Psychotherapy in Depression. , 2021, , 261-272.		0
5800	Changes in the regional homogeneity of resting-state magnetic resonance imaging in perimenopausal women. BMC Women's Health, 2021, 21, 39.	0.8	2
5801	Methods of neuroimaging in depression: Applications to resting-state functional connectivity. , 2021, , 261-270.		3
5804	Paradoxical relationship between distress and functional network topology in phantom sound perception. Progress in Brain Research, 2021, 260, 367-395.	0.9	5
5805	Resting State Functional Connectivity of Brain With Electroconvulsive Therapy in Depression: Meta-Analysis to Understand Its Mechanisms. Frontiers in Human Neuroscience, 2020, 14, 616054.	1.0	10
5808	Processing of emotional information in working memory in major depressive disorder. Advances in Psychological Science, 2021, 29, 252-267.	0.2	4
5809	Neuroimaging Brain Inflammation in Mood Disorders. , 2021, , 121-134.		0
5810	Brain Activity in Resting-State Predicts Brain Activity in Task Execution. Advances in Psychology, 2021, 11, 184-193.	0.0	0
5811	High spatial correlation in brain connectivity between micturition and resting states within bladder-related networks using 7T MRI in multiple sclerosis women with voiding dysfunction. World Journal of Urology, 2021, 39, 3525-3531.	1.2	6
5812	Oscillations as a window into neuronal mechanisms underlying dorsal anterior cingulate cortex function. International Review of Neurobiology, 2021, 158, 311-335.	0.9	3
5813	An Overview of Machine Learning Applications in Mood Disorders. , 2021, , 206-218.		0
5815	Whole-Head Magnetoencephalogram and Its Application in Developmental Communication Disorders Research: A Review. IEEE Access, 2021, 9, 42515-42532.	2.6	7
5816	Altered regional activity and connectivity of functional brain networks in congenital unilateral conductive hearing loss. NeuroImage: Clinical, 2021, 32, 102819.	1.4	7
5817	Cortical-Limbic and Default-Mode Networks in Borderline Personality Disorder. , 2021, , 345-370.		1

#	ARTICLE	IF	CITATIONS
5818	Observing Plasticity of the Auditory System: Volumetric Decreases Along with Increased Functional Connectivity in Aspiring Professional Musicians. <i>Cerebral Cortex Communications</i> , 2021, 2, tgab008.	0.7	5
5819	Chronic Primary Pain of the Spine: an Integrative Perspective Part 1. <i>SN Comprehensive Clinical Medicine</i> , 2021, 3, 461-472.	0.3	3
5820	Learning Brain Functional Networks With Latent Temporal Dependency for MCI Identification. <i>IEEE Transactions on Biomedical Engineering</i> , 2022, 69, 590-601.	2.5	5
5821	Best practices for fNIRS publications. <i>Neurophotonics</i> , 2021, 8, 012101.	1.7	142
5822	Prenatal Programming of Neurodevelopment: Structural and Functional Changes. , 2021, , 193-242.		11
5823	Resting-state functional connectivity of the human hypothalamus. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2021, 179, 113-124.	1.0	6
5824	Reducing the Effects of Motion Artifacts in fMRI: A Structured Matrix Completion Approach. <i>IEEE Transactions on Medical Imaging</i> , 2022, 41, 172-185.	5.4	5
5825	Functional connectivity in aging. , 2021, , 37-51.		3
5826	Detecting Brain State Changes by Geometric Deep Learning of Functional Dynamics on Riemannian Manifold. <i>Lecture Notes in Computer Science</i> , 2021, , 543-552.	1.0	9
5827	A roadmap of brain recovery in a mouse model of concussion: insights from neuroimaging. <i>Acta Neuropathologica Communications</i> , 2021, 9, 2.	2.4	12
5828	Lesion Quantification Toolkit: A MATLAB software tool for estimating grey matter damage and white matter disconnections in patients with focal brain lesions. <i>NeuroImage: Clinical</i> , 2021, 30, 102639.	1.4	60
5829	Long-term effects of intermittent early life stress on primate prefrontalâ€™subcortical functional connectivity. <i>Neuropsychopharmacology</i> , 2021, 46, 1348-1356.	2.8	16
5830	DREAM. <i>Neuroinformatics</i> , 2021, 19, 529-545.	1.5	19
5831	Functional connectivity of posterior cingulate gyrus in heroin dependents treated by methadone maintenance and protracted abstinence measures: an event-related fMRI study. <i>Brain Imaging and Behavior</i> , 2021, 15, 2472-2480.	1.1	6
5832	Cerebrovascular Reactivity Mapping Without Gas Challenges: A Methodological Guide. <i>Frontiers in Physiology</i> , 2020, 11, 608475.	1.3	41
5833	A Frequency-constrained Spectrum Difference Mapping Framework for Decoding Brain Activity from Functional Magnetic Resonance Imaging Data. , 2021, , .		1
5834	Selection of Functionally Homogeneous Human Brain Regions for Functional Connectomes Building Based on fMRI Data. <i>Advances in Intelligent Systems and Computing</i> , 2021, , 709-719.	0.5	2
5835	fMRI: Blood Oxygen Level-Dependent Contrast and Its Value for Understanding Functional Brain Networks. , 2021, , 19-44.		0

#	ARTICLE	IF	CITATIONS
5836	Effects of an Allostatic Closed-Loop Neurotechnology (HIRREM) on Brain Functional Connectivity Laterality in Military-Related Traumatic Stress. <i>Journal of Neuroimaging</i> , 2021, 31, 287-296.	1.0	1
5837	Electrophysiological Biomarkers for Mood Disorders. , 2021, , 175-191.		1
5838	The Medial Thalamus Plays an Important Role in the Cognitive and Emotional Modulation of Orofacial Pain: A Functional Magnetic Resonance Imaging-Based Study. <i>Frontiers in Neurology</i> , 2020, 11, 589125.	1.1	10
5839	Estimating sparse functional connectivity networks via hyperparameter-free learning model. <i>Artificial Intelligence in Medicine</i> , 2021, 111, 102004.	3.8	21
5840	Integrated and segregated frequency architecture of the human brain network. <i>Brain Structure and Function</i> , 2021, 226, 335-350.	1.2	5
5841	Automatic parcellation of resting-state cortical dynamics by iterative community detection and similarity measurements. <i>AIMS Neuroscience</i> , 2021, 8, 526-542.	1.0	4
5842	A Multi-scale Spatial and Temporal Attention Network on Dynamic Connectivity to Localize the Eloquent Cortex in Brain Tumor Patients. <i>Lecture Notes in Computer Science</i> , 2021, , 241-252.	1.0	2
5843	Linking congenital heart disease and brain functional connectivity in newborns. , 2021, , 275-284.		0
5844	Media Content vs Nature Stimuli Influence on Human Brain Activity. <i>Lecture Notes in Computer Science</i> , 2021, , 528-539.	1.0	0
5845	Differential contributions of static and time-varying functional connectivity to human behavior. <i>Network Neuroscience</i> , 2021, 5, 145-165.	1.4	24
5846	Functional Connectivity in Autism Spectrum Disorders: Challenges and Perspectives. , 2021, , 239-272.		0
5847	Frequency-Specific Changes in the Fractional Amplitude of the Low-Frequency Fluctuations in the Default Mode Network in Medication-Free Patients With Bipolar II Depression: A Longitudinal Functional MRI Study. <i>Frontiers in Psychiatry</i> , 2020, 11, 574819.	1.3	15
5848	Neuroanatomical Findings in Bipolar Disorder. , 2021, , 16-27.		0
5849	Imaging Glutamatergic and GABAergic Abnormalities in Mood Disorders. , 2021, , 105-120.		0
5850	Magnetic Resonance Spectroscopy Investigations of Bioenergy and Mitochondrial Function in Mood Disorders. , 2021, , 83-104.		0
5851	Brain Imaging Methods in Mood Disorders. , 2021, , 1-6.		0
5852	Effects of Lithium on Brain Structure in Bipolar Disorder. , 2021, , 219-235.		1
5854	Mapping the living mouse brain neural architecture: strain-specific patterns of brain structural and functional connectivity. <i>Brain Structure and Function</i> , 2021, 226, 647-669.	1.2	5

#	ARTICLE	IF	CITATIONS
5855	Resting-state networks in the course of aging— differential insights from studies across the lifespan vs. amongst the old. <i>Pflügers Archiv European Journal of Physiology</i> , 2021, 473, 793-803.	1.3	35
5856	Default mode network activity in depression subtypes. <i>Reviews in the Neurosciences</i> , 2021, 32, 597-613.	1.4	10
5857	Heritability of individualized cortical network topography. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	59
5859	Machine Learning for Interpretation of Brain Images: A Detailed Analysis through survey. , 2021, , .		0
5860	Deep Learning—based Classification of Resting—state fMRI Independent—component Analysis. <i>Neuroinformatics</i> , 2021, 19, 619-637.	1.5	12
5862	Changes in the Amplitude of Low-Frequency Fluctuation in Patients With Lifelong Premature Ejaculation by Resting-State Functional MRI. <i>Sexual Medicine</i> , 2021, 9, 100287.	0.9	3
5863	Quantitative assessment of inter-individual variability in fMRI-based human brain atlas. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, 11, 810-822.	1.1	2
5865	Concurrent brain parcellation and connectivity estimation via co—clustering of resting state fMRI data: A novel approach. <i>Human Brain Mapping</i> , 2021, 42, 2477-2489.	1.9	5
5866	Correcting for Non-stationarity in BOLD-fMRI Connectivity Analyses. <i>Frontiers in Neuroscience</i> , 2021, 15, 574979.	1.4	2
5867	Mutual Interaction between Genders with Stress or Non-Stress by Positive Stimulus Characteristics Using fNIRS. , 2021, , .		1
5868	Scale-Free Coupled Dynamics in Brain Networks Captured by Bivariate Focus-Based Multifractal Analysis. <i>Frontiers in Physiology</i> , 2020, 11, 615961.	1.3	10
5870	How to Interpret Resting-State fMRI: Ask Your Participants. <i>Journal of Neuroscience</i> , 2021, 41, 1130-1141.	1.7	69
5871	White matter of perinatally HIV infected older youths shows low frequency fluctuations that may reflect glial cycling. <i>Scientific Reports</i> , 2021, 11, 3086.	1.6	9
5872	Altered Frequency-Dependent Brain Activation and White Matter Integrity Associated With Cognition in Characterizing Preclinical Alzheimer—™s Disease Stages. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 625232.	1.0	12
5873	Altered Dynamic Amplitude of Low-Frequency Fluctuations in Patients With Migraine Without Aura. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 636472.	1.0	10
5874	Functional Disconnection of the Angular Gyrus Related to Cognitive Impairment in Patients With Type 2 Diabetes Mellitus. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 621080.	1.0	7
5875	Regression dynamic causal modeling for resting—state fMRI. <i>Human Brain Mapping</i> , 2021, 42, 2159-2180.	1.9	52
5876	The utilisation of resting—state fMRI as a pre—operative mapping tool in patients with brain tumours in comparison to task—based fMRI and intraoperative mapping: A systematic review. <i>European Journal of Cancer Care</i> , 2021, 30, e13428.	0.7	8

#	ARTICLE	IF	CITATIONS
5877	Metabolic and Hemodynamic Resting-State Connectivity of the Human Brain: A High-Temporal Resolution Simultaneous BOLD-fMRI and FDG-fPET Multimodality Study. <i>Cerebral Cortex</i> , 2021, 31, 2855-2867.	1.6	40
5878	Assessing Uncertainty and Reliability of Connective Field Estimations From Resting State fMRI Activity at 3T. <i>Frontiers in Neuroscience</i> , 2021, 15, 625309.	1.4	3
5879	fMRI Resting-State Connectivity between Language and Nonlanguage Areas as Defined by Intraoperative Electroconvulsive Stimulation in Low-Grade Glioma Patients. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2021, 82, 357-363.	0.4	2
5880	The Relationship Among Glucose Metabolism, Cerebral Blood Flow, and Functional Activity: a Hybrid PET/fMRI Study. <i>Molecular Neurobiology</i> , 2021, 58, 2862-2873.	1.9	17
5881	Alterations in Dynamic Functional Connectivity in Individuals With Subjective Cognitive Decline. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 646017.	1.7	23
5882	Neural basis underlying the trait of attachment anxiety and avoidance revealed by the amplitude of low-frequency fluctuations and resting-state functional connectivity. <i>BMC Neuroscience</i> , 2021, 22, 11.	0.8	5
5883	Structural and Functional Changes Are Related to Cognitive Status in Wilson's Disease. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 610947.	1.0	9
5884	MR spectroscopy and imaging-derived measurements in the supplementary motor area for biomarkers of amyotrophic lateral sclerosis. <i>Neurological Sciences</i> , 2021, 42, 4257-4263.	0.9	6
5885	Global Network Organization of the Fetal Functional Connectome. <i>Cerebral Cortex</i> , 2021, 31, 3034-3046.	1.6	17
5887	Mechanisms of cognitive impairment in temporal lobe epilepsy: A systematic review of resting-state functional connectivity studies. <i>Epilepsy and Behavior</i> , 2021, 115, 107686.	0.9	39
5889	Voxel-wise Functional Connectivity of the Default Mode Network in Epilepsies: A Systematic Review and Meta-Analysis. <i>Current Neuropharmacology</i> , 2022, 20, 254-266.	1.4	9
5890	Resting-State Functional Connectivity in Mathematical Expertise. <i>Brain Sciences</i> , 2021, 11, 430.	1.1	1
5892	Elamipretide (SS-31) Improves Functional Connectivity in Hippocampus and Other Related Regions Following Prolonged Neuroinflammation Induced by Lipopolysaccharide in Aged Rats. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 600484.	1.7	16
5894	Magnetoencephalography: physics, techniques, and applications in the basic and clinical neurosciences. <i>Journal of Neurophysiology</i> , 2021, 125, 938-956.	0.9	6
5895	Topographical reorganization of brain functional connectivity during an early period of epileptogenesis. <i>Epilepsia</i> , 2021, 62, 1231-1243.	2.6	10
5896	The Role of Cerebrovascular-Reactivity Mapping in Functional MRI: Calibrated fMRI and Resting-State fMRI. <i>Frontiers in Physiology</i> , 2021, 12, 657362.	1.3	20
5898	Speech Motor Function and Auditory Perception in Succinic Semialdehyde Dehydrogenase Deficiency: Toward Pre-Supplementary Motor Area (SMA) and SMA-Proper Dysfunctions. <i>Journal of Child Neurology</i> , 2021, 36, 1210-1217.	0.7	2
5899	Echo Time Dependency of Local Activity Metrics of Resting-State Functional MRI. <i>Frontiers in Neuroscience</i> , 2021, 15, 619412.	1.4	2

#	ARTICLE	IF	CITATIONS
5900	Thalamic dysconnectivity in the psychosis risk syndrome and early illness schizophrenia. <i>Psychological Medicine</i> , 2022, 52, 2767-2775.	2.7	12
5901	Brain function in children with obstructive sleep apnea: a resting-state fMRI study. <i>Sleep</i> , 2021, 44, .	0.6	27
5903	Changes in Degree Centrality of Network Nodes in Different Frequency Bands in Parkinsonâ€™s Disease With Depression and Without Depression. <i>Frontiers in Neuroscience</i> , 2021, 15, 638554.	1.4	16
5904	Neuroimaging Markers of Mal de DÃ©barquement Syndrome. <i>Frontiers in Neurology</i> , 2021, 12, 636224.	1.1	8
5905	Functional MRI in Parkinsonâ€™s disease with freezing of gait: a systematic review of the literature. <i>Neurological Sciences</i> , 2021, 42, 1759-1771.	0.9	8
5906	Individual Uniqueness in the Neonatal Functional Connectome. <i>Cerebral Cortex</i> , 2021, 31, 3701-3712.	1.6	13
5907	Fundamental functional differences between gyri and sulci: implications for brain function, cognition, and behavior. <i>Psychoradiology</i> , 2021, 1, 23-41.	1.0	33
5908	Cingulo-opercular control network and disused motor circuits joined in standby mode. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	27
5910	Reconfiguration of Electroencephalography Microstate Networks after Breath-Focused, Digital Meditation Training. <i>Brain Connectivity</i> , 2021, 11, 146-155.	0.8	23
5911	PIRACY: An Optimized Pipeline for Functional Connectivity Analysis in the Rat Brain. <i>Frontiers in Neuroscience</i> , 2021, 15, 602170.	1.4	12
5912	Resting-state abnormalities in functional connectivity of the default mode network in autism spectrum disorder: a meta-analysis. <i>Brain Imaging and Behavior</i> , 2021, 15, 2583-2592.	1.1	19
5913	Spontaneous brain activity underlying auditory hallucinations in the hearing-impaired. <i>Cortex</i> , 2021, 136, 1-13.	1.1	8
5914	Brain Entropy During Aging Through a Free Energy Principle Approach. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 647513.	1.0	26
5915	Functional Wavelet Connectivity in Resting State Reflects Consciousness Recovery in Patients with Severe Traumatic Brain Injury. <i>Human Physiology</i> , 2021, 47, 128-136.	0.1	0
5916	Pathogenesis and brain functional imaging in nocturnal enuresis: A review. <i>Experimental Biology and Medicine</i> , 2021, 246, 1483-1490.	1.1	9
5917	Connective profiles and antagonism between dynamic and static connectivity underlying generalized epilepsy. <i>Brain Structure and Function</i> , 2021, 226, 1423-1435.	1.2	3
5919	Increased thalamoâ€™cortical functional connectivity in patients with diabetic painful neuropathy: A restingâ€™state functional MRI study. <i>Experimental and Therapeutic Medicine</i> , 2021, 21, 509.	0.8	5
5920	Brain pathology recapitulates physiology: A network meta-analysis. <i>Communications Biology</i> , 2021, 4, 301.	2.0	19

#	ARTICLE	IF	CITATIONS
5921	Memory Suppression Ability can be Robustly Predicted by the Internetwork Communication of Frontoparietal Control Network. <i>Cerebral Cortex</i> , 2021, 31, 3451-3461.	1.6	13
5922	Resting State Functional Connectivity Biomarkers of Treatment Response in Mood Disorders: A Review. <i>Frontiers in Psychiatry</i> , 2021, 12, 565136.	1.3	21
5923	Changes in local brain function in mild cognitive impairment due to semantic dementia. <i>CNS Neuroscience and Therapeutics</i> , 2021, 27, 587-602.	1.9	0
5924	Using carpet plots to analyze transit times of low frequency oscillations in resting state fMRI. <i>Scientific Reports</i> , 2021, 11, 7011.	1.6	5
5925	Resting-State Network Plasticity Induced by Music Therapy after Traumatic Brain Injury. <i>Neural Plasticity</i> , 2021, 2021, 1-18.	1.0	17
5926	Electroencephalography resting-state networks in people with Stroke. <i>Brain and Behavior</i> , 2021, 11, e02097.	1.0	20
5928	Using non-invasive neuroimaging to enhance the care, well-being and experimental outcomes of laboratory non-human primates (monkeys). <i>NeuroImage</i> , 2021, 228, 117667.	2.1	13
5929	A review of resting-state fMRI and its use to examine psychiatric disorders. <i>Psychoradiology</i> , 2021, 1, 42-53.	1.0	83
5930	Functional brain connectivity related to surgical skill dexterity in physical and virtual simulation environments. <i>NeuroPhotonics</i> , 2021, 8, 015008.	1.7	12
5931	The Developing Human Connectome Project: typical and disrupted perinatal functional connectivity. <i>Brain</i> , 2021, 144, 2199-2213.	3.7	75
5932	Cardiovascular brain impulses in Alzheimer's disease. <i>Brain</i> , 2021, 144, 2214-2226.	3.7	38
5935	Abnormal regional homogeneity (ReHo) and fractional amplitude of low frequency fluctuations (fALFF) in first-episode drug-naïve schizophrenia patients comorbid with depression. <i>Brain Imaging and Behavior</i> , 2021, 15, 2627-2636.	1.1	21
5937	A comprehensive data-driven analysis framework for detecting impairments in brain function networks with resting state fMRI in HIV-infected individuals on cART. <i>Journal of NeuroVirology</i> , 2021, 27, 239-248.	1.0	4
5938	Meta-analysis of grey matter changes and their behavioral characterization in patients with alcohol use disorder. <i>Scientific Reports</i> , 2021, 11, 5238.	1.6	11
5939	Mapping default mode connectivity alterations following a single season of subconcussive impact exposure in youth football. <i>Human Brain Mapping</i> , 2021, 42, 2529-2545.	1.9	7
5940	Resting-State functional networks of different topographic representations in the somatosensory cortex of macaque monkeys and humans. <i>NeuroImage</i> , 2021, 228, 117694.	2.1	9
5941	Functional connectivity and upper limb function in patients after pediatric arterial ischemic stroke with contralateral corticospinal tract wiring. <i>Scientific Reports</i> , 2021, 11, 5490.	1.6	3
5942	Presurgical brain mapping of the language network in pediatric patients with epilepsy using resting-state fMRI. <i>Journal of Neurosurgery: Pediatrics</i> , 2021, 27, 259-268.	0.8	6

#	ARTICLE	IF	CITATIONS
5943	Understanding Vulnerability and Adaptation in Early Brain Development using Network Neuroscience. Trends in Neurosciences, 2021, 44, 276-288.	4.2	26
5944	Identifying Emergent Mesoscopicâ€“Macroscopic Functional Brain Network Dynamics in Infants at Term-Equivalent Age with Electric Source Neuroimaging. Brain Connectivity, 2021, 11, 663-677.	0.8	1
5945	Neural basis responsible for self-control association with procrastination: Right MFC and bilateral OFC functional connectivity with left dlPFC. Journal of Research in Personality, 2021, 91, 104064.	0.9	13
5946	Characterizing changes in network connectivity following chronic head trauma in special forces military personnel: a combined resting-fMRI and DTI study. Brain Injury, 2021, 35, 760-768.	0.6	4
5947	Abnormality of Resting-State Functional Connectivity in Major Depressive Disorder: A Study With Whole-Head Near-Infrared Spectroscopy. Frontiers in Psychiatry, 2021, 12, 664859.	1.3	3
5948	Learning dynamic graph embeddings for accurate detection of cognitive state changes in functional brain networks. NeuroImage, 2021, 230, 117791.	2.1	9
5949	Network variants are similar between task and rest states. NeuroImage, 2021, 229, 117743.	2.1	41
5951	Functional connectome fingerprinting: Identifying individuals and predicting cognitive functions via autoencoder. Human Brain Mapping, 2021, 42, 2691-2705.	1.9	23
5952	Task-related brain functional network reconfigurations relate to motor recovery in chronic subcortical stroke. Scientific Reports, 2021, 11, 8442.	1.6	19
5953	Promising vulnerability markers of substance use and misuse: A review of human neurobehavioral studies. Neuropharmacology, 2021, 187, 108500.	2.0	32
5954	Brain Activity Fluctuations Propagate as Waves Traversing the Cortical Hierarchy. Cerebral Cortex, 2021, 31, 3986-4005.	1.6	43
5955	A Graphlet-Based Topological Characterization of the Resting-State Network in Healthy People. Frontiers in Neuroscience, 2021, 15, 665544.	1.4	3
5956	Distinct Functional and Structural Connectivity of the Human Hand-Knob Supported by Intraoperative Findings. Journal of Neuroscience, 2021, 41, 4223-4233.	1.7	9
5958	A comparison of feature extraction methods for prediction of neuropsychological scores from functional connectivity data of stroke patients. Brain Informatics, 2021, 8, 8.	1.8	11
5959	Increased sensitivity to strong perturbations in a whole-brain model of LSD. NeuroImage, 2021, 230, 117809.	2.1	20
5960	Default mode network functional connectivity negatively associated with trait openness to experience. Social Cognitive and Affective Neuroscience, 2021, 16, 950-961.	1.5	12
5961	Coupling of activity, metabolism and behaviour across the Drosophila brain. Nature, 2021, 593, 244-248.	13.7	59
5962	Effects of moderate alcohol levels on default mode network connectivity in heavy drinkers. Alcoholism: Clinical and Experimental Research, 2021, 45, 1039-1050.	1.4	12

#	ARTICLE	IF	CITATIONS
5963	A Computational Framework for Controlling the Self-Restorative Brain Based on the Free Energy and Degeneracy Principles. <i>Frontiers in Computational Neuroscience</i> , 2021, 15, 590019.	1.2	3
5964	Functional Networks Abnormalities in Autism Spectrum Disorder: Age-Related Hypo and Hyper Connectivity. <i>Brain Topography</i> , 2021, 34, 306-322.	0.8	30
5965	Investigating the sub-regions of the superior parietal cortex using functional magnetic resonance imaging connectivity. <i>Insights Into Imaging</i> , 2021, 12, 47.	1.6	14
5966	BCCT: A GUI Toolkit for Brain Structural Covariance Connectivity Analysis on MATLAB. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 641961.	1.0	11
5967	Abnormal Intrinsic Functional Interactions Within Pain Network in Cervical Discogenic Pain. <i>Frontiers in Neuroscience</i> , 2021, 15, 671280.	1.4	1
5969	Functional Connectome in Parkinson's Disease and Parkinsonism. <i>Current Neurology and Neuroscience Reports</i> , 2021, 21, 24.	2.0	14
5970	Brain topography beyond parcellations: Local gradients of functional maps. <i>NeuroImage</i> , 2021, 229, 117706.	2.1	21
5971	Functional connectivity in mild cognitive impairment with Lewy bodies. <i>Journal of Neurology</i> , 2021, 268, 4707-4720.	1.8	10
5973	Behavioural relevance of spontaneous, transient brain network interactions in fMRI. <i>NeuroImage</i> , 2021, 229, 117713.	2.1	51
5974	A graph neural network framework for causal inference in brain networks. <i>Scientific Reports</i> , 2021, 11, 8061.	1.6	16
5975	Changes in Temporal and Spatial Patterns of Intrinsic Brain Activity and Functional Connectivity in Upper-Limb Amputees: An fMRI Study. <i>Neural Plasticity</i> , 2021, 2021, 1-13.	1.0	4
5976	Identify abnormal functional connectivity of resting state networks in Autism spectrum disorder and apply to machine learning-based classification. <i>Brain Research</i> , 2021, 1757, 147299.	1.1	25
5977	Current and Emerging MR Methods and Outcome in Rodent Models of Parkinson's Disease: A Review. <i>Frontiers in Neuroscience</i> , 2021, 15, 583678.	1.4	1
5978	The thalamus-precentral gyrus functional connectivity changes in epilepsy patients following vagal nerve stimulation. <i>Neuroscience Letters</i> , 2021, 751, 135815.	1.0	4
5980	Chronic pain and cortical neural activity. <i>Pain Research</i> , 2021, 36, 42-48.	0.1	0
5981	Efficient estimation via envelope chain in magnetic resonance imaging-based studies. <i>Scandinavian Journal of Statistics</i> , 0, , .	0.9	0
5982	Use of common average reference and large-Laplacian spatial-filters enhances EEG signal-to-noise ratios in intrinsic sensorimotor activity. <i>Journal of Neuroscience Methods</i> , 2021, 353, 109089.	1.3	29
5984	Brain network reorganisation in an adolescent after bilateral perinatal strokes. <i>Lancet Neurology</i> , The, 2021, 20, 255-256.	4.9	16

#	ARTICLE	IF	CITATIONS
5985	Increased Resting-State Interhemispheric Functional Connectivity of Posterior Superior Temporal Gyrus and Posterior Cingulate Cortex in Congenital Amusia. <i>Frontiers in Neuroscience</i> , 2021, 15, 653325.	1.4	5
5987	Temporal complexity of fMRI is reproducible and correlates with higher order cognition. <i>NeuroImage</i> , 2021, 230, 117760.	2.1	28
5988	Measuring functional connectivity with wearable MEG. <i>NeuroImage</i> , 2021, 230, 117815.	2.1	72
5989	Propagating patterns of intrinsic activity along macroscale gradients coordinate functional connections across the whole brain. <i>NeuroImage</i> , 2021, 231, 117827.	2.1	41
5991	Simplicial and topological descriptions of human brain dynamics. <i>Network Neuroscience</i> , 2021, 5, 1-20.	1.4	12
5992	Structural equation models to estimate dynamic effective connectivity networks in resting fMRI. A comparison between individuals with Down syndrome and controls. <i>Behavioural Brain Research</i> , 2021, 405, 113188.	1.2	4
5993	Energy-Period Profiles of Brain Networks in Group fMRI Resting-State Data: A Comparison of Empirical Mode Decomposition With the Short-Time Fourier Transform and the Discrete Wavelet Transform. <i>Frontiers in Neuroscience</i> , 2021, 15, 663403.	1.4	11
5994	Within- and across-network alterations of the sensorimotor network in Parkinson's disease. <i>Neuroradiology</i> , 2021, 63, 2073-2085.	1.1	39
5995	Amplitude of low-frequency fluctuation may be an early predictor of delayed motor development due to neonatal hyperbilirubinemia: a fMRI study. <i>Translational Pediatrics</i> , 2021, 10, 1271-1284.	0.5	3
5996	Resting-state functional connectivity of the human hippocampus in periadolescent children: Associations with age and memory performance. <i>Human Brain Mapping</i> , 2021, 42, 3620-3642.	1.9	4
5998	A Review of the Default Mode Network in Autism Spectrum Disorders and Attention Deficit Hyperactivity Disorder. <i>Brain Connectivity</i> , 2021, 11, 253-263.	0.8	45
5999	Magnetic resonance biomarkers in radiation oncology: The report of AAPM Task Group 294. <i>Medical Physics</i> , 2021, 48, e697-e732.	1.6	16
6000	Interhemispheric Parietal-Frontal Connectivity Predicts the Ability to Acquire a Nondominant Hand Skill. <i>Brain Connectivity</i> , 2021, 11, 308-318.	0.8	7
6002	Motor network connectivity predicts neuroplastic response following theta burst stimulation in healthy adults. <i>Brain Structure and Function</i> , 2021, 226, 1893-1907.	1.2	2
6003	Brain Connectivity Studies on Structure-Function Relationships: A Short Survey with an Emphasis on Machine Learning. <i>Computational Intelligence and Neuroscience</i> , 2021, 2021, 1-31.	1.1	9
6004	The relationship between EEG and fMRI connectomes is reproducible across simultaneous EEG-fMRI studies from 1.5T to 7T. <i>NeuroImage</i> , 2021, 231, 117864.	2.1	24
6005	Muting, not fragmentation, of functional brain networks under general anesthesia. <i>NeuroImage</i> , 2021, 231, 117830.	2.1	14
6007	Dissociable plasticity of visual-motor system in functional specialization and flexibility in expert table tennis players. <i>Brain Structure and Function</i> , 2021, 226, 1973-1990.	1.2	7

#	ARTICLE	IF	CITATIONS
6008	Nicotine addiction: Translational insights from circuit neuroscience. <i>Pharmacology Biochemistry and Behavior</i> , 2021, 204, 173171.	1.3	7
6010	Reversal of Functional Brain Activity Related to Gut Microbiome and Hormones After VSG Surgery in Patients With Obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e3619-e3633.	1.8	7
6011	Deriving Autism Spectrum Disorder Functional Networks from RS-fMRI Data using Group ICA and Dictionary Learning. , 2021, , .		0
6012	Brain-wide functional diffuse optical tomography of resting state networks. <i>Journal of Neural Engineering</i> , 2021, 18, 046069.	1.8	8
6013	On a Quantitative Approach to Clinical Neuroscience in Psychiatry: Lessons from the Kuramoto Model. <i>Harvard Review of Psychiatry</i> , 2021, 29, 318-326.	0.9	5
6014	Widespread Positive Direct and Indirect Effects of Regular Physical Activity on the Developing Functional Connectome in Early Adolescence. <i>Cerebral Cortex</i> , 2021, 31, 4840-4852.	1.6	16
6015	An Investigation of the Impacts of Three Anesthetic Regimes on Task-fMRI and Functional Connectivity Resting-State fMRI in Sprague Dawley and Wistar Rats. <i>Brain Connectivity</i> , 2021, , .	0.8	3
6016	Altered Temporal Dynamics of Brain Activity in Multiple-Frequency Bands in Non-Neuropsychiatric Systemic Lupus Erythematosus Patients with Inactive Disease. <i>Neuropsychiatric Disease and Treatment</i> , 2021, Volume 17, 1385-1395.	1.0	4
6017	The functional connectome predicts feeling of stress on regular days and during the COVID-19 pandemic. <i>Neurobiology of Stress</i> , 2021, 14, 100285.	1.9	19
6018	Resting-State Functional Connectivity Analysis for diagnosis of Epilepsy patients. , 2021, , .		1
6021	Dynamic Functional Connectivity Change-Point Detection With Random Matrix Theory Inference. <i>Frontiers in Neuroscience</i> , 2021, 15, 565029.	1.4	3
6022	Classification of ASD based on fMRI data with deep learning. <i>Cognitive Neurodynamics</i> , 2021, 15, 961-974.	2.3	29
6023	Reliability modelling of resting-state functional connectivity. <i>NeuroImage</i> , 2021, 231, 117842.	2.1	10
6024	The Effect of CO ₂ on Resting-State Functional Connectivity: Isocapnia vs. Poikilocapnia. <i>Frontiers in Physiology</i> , 2021, 12, 639782.	1.3	2
6025	Individual-Specific Areal-Level Parcellations Improve Functional Connectivity Prediction of Behavior. <i>Cerebral Cortex</i> , 2021, 31, 4477-4500.	1.6	104
6026	The Effects of rs405509 on APOE ϵ 4 Non-carriers in Non-demented Aging. <i>Frontiers in Neuroscience</i> , 2021, 15, 677823.	1.4	5
6028	Influence of Heart Rate Variability on Abstinence-Related Changes in Brain State in Everyday Drinkers. <i>Brain Sciences</i> , 2021, 11, 817.	1.1	4
6029	Goal setting and attaining: Neural correlates of positive coping style and hope. <i>Psychophysiology</i> , 2021, 58, e13887.	1.2	5

#	ARTICLE	IF	CITATIONS
6030	Abnormal transitions of dynamic functional connectivity states in bipolar disorder: A whole-brain resting-state fMRI study. <i>Journal of Affective Disorders</i> , 2021, 289, 7-15.	2.0	17
6032	Mapping the Synchronization Effect of Gamma-Aminobutyric Acid Inhibition on the Cerebral Cortex Using Magnetic Resonance Imaging. <i>Brain Connectivity</i> , 2021, 11, 393-403.	0.8	5
6035	A Preliminary Study of Abnormal Centrality of Cortical Regions and Subsystems in Whole Brain Functional Connectivity of Autism Spectrum Disorder Boys. <i>Clinical EEG and Neuroscience</i> , 2022, 53, 3-11.	0.9	3
6036	Long-term ovarian hormone deprivation alters functional connectivity, brain neurochemical profile and white matter integrity in the Tg2576 amyloid mouse model of Alzheimer's disease. <i>Neurobiology of Aging</i> , 2021, 102, 139-150.	1.5	7
6038	Sleep deprivation alters task-related changes in functional connectivity of the frontal cortex: A near-infrared spectroscopy study. <i>Brain and Behavior</i> , 2021, 11, e02135.	1.0	13
6039	Perinatal stroke: mapping and modulating developmental plasticity. <i>Nature Reviews Neurology</i> , 2021, 17, 415-432.	4.9	35
6040	Altered spontaneous neural activity in the precuneus, middle and superior frontal gyri, and hippocampus in college students with subclinical depression. <i>BMC Psychiatry</i> , 2021, 21, 280.	1.1	32
6041	Disruption of Neural Activity and Functional Connectivity in Adolescents With Major Depressive Disorder Who Engage in Non-suicidal Self-Injury: A Resting-State fMRI Study. <i>Frontiers in Psychiatry</i> , 2021, 12, 571532.	1.3	16
6042	Literacy Affects Brain Structure – What Can We Learn for Language Assessment in Low Literates?. <i>Language Assessment Quarterly</i> , 0, , 1-16.	1.1	2
6043	Evaluation of a connectivity-based imaging metric that reflects functional decline in Multiple Sclerosis. <i>PLoS ONE</i> , 2021, 16, e0251338.	1.1	3
6044	Network Modeling Sex Differences in Brain Integrity and Metabolic Health. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 691691.	1.7	5
6045	Correlation Between Gait and Near-Infrared Brain Functional Connectivity Under Cognitive Tasks in Elderly Subjects With Mild Cognitive Impairment. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 482447.	1.7	3
6046	Symphony of Well-Being: Harmony Between Neural Variability and Self-Construal. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 679086.	1.0	2
6047	Dynamics of Neural Microstates in the VTA–Striatal–Prefrontal Loop during Novelty Exploration in the Rat. <i>Journal of Neuroscience</i> , 2021, 41, 6864-6877.	1.7	6
6050	The acts of opening and closing the eyes are of importance for congenital blindness: Evidence from resting-state fMRI. <i>NeuroImage</i> , 2021, 233, 117966.	2.1	7
6051	Ophthalmic changes in a spaceflight analog are associated with brain functional reorganization. <i>Human Brain Mapping</i> , 2021, 42, 4281-4297.	1.9	10
6052	A Comparative Study on the Predictive Value of Different Resting-State Functional Magnetic Resonance Imaging Parameters in Preclinical Alzheimer's Disease. <i>Frontiers in Psychiatry</i> , 2021, 12, 626332.	1.3	3
6053	Functional Connectivity of Vermis Correlates with Future Gait Impairments in Parkinson's Disease. <i>Movement Disorders</i> , 2021, 36, 2559-2568.	2.2	13

#	ARTICLE	IF	CITATIONS
6054	Spontaneous activity competes with externally evoked responses in sensory cortex. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	11
6055	Regional activity and functional connectivity in brain networks associated with urinary bladder filling in patients with tethered cord syndrome. International Urology and Nephrology, 2021, 53, 1805-1812.	0.6	3
6056	Interhemispheric co-alteration of brain homotopic regions. Brain Structure and Function, 2021, 226, 2181-2204.	1.2	1
6057	Narrowband Resting-State fNIRS Functional Connectivity in Autism Spectrum Disorder. Frontiers in Human Neuroscience, 2021, 15, 643410.	1.0	9
6058	The effect of congenital blindness on resting-state functional connectivity revisited. Scientific Reports, 2021, 11, 12433.	1.6	4
6061	Language network reorganization before and after temporal lobe epilepsy surgery. Journal of Neurosurgery, 2021, 134, 1694-1702.	0.9	13
6062	Frequency-Specific Alterations in Brain Function in Patients with Primary Dysmenorrhea. Pain Medicine, 2022, 23, 902-911.	0.9	10
6063	Isoflurane affects brain functional connectivity in rats 1 month after exposure. NeuroImage, 2021, 234, 117987.	2.1	18
6064	Obese Individuals Show Disrupted Dynamic Functional Connectivity between Basal Ganglia and Salience Networks. Cerebral Cortex, 2021, 31, 5676-5685.	1.6	6
6066	Management Based on Multimodal Brain Monitoring May Improve Functional Connectivity and Post-operative Neurocognition in Elderly Patients Undergoing Spinal Surgery. Frontiers in Aging Neuroscience, 2021, 13, 705287.	1.7	8
6067	Determination of Dynamic Brain Connectivity via Spectral Analysis. Frontiers in Human Neuroscience, 2021, 15, 655576.	1.0	12
6069	Hidden Markov Modeling Reveals Prolonged "Baseline" State and Shortened Antagonistic State across the Adult Lifespan. Cerebral Cortex, 2022, 32, 439-453.	1.6	6
6071	Anomalous static and dynamic functional connectivity of amygdala subregions in individuals with high trait anxiety. Depression and Anxiety, 2021, 38, 860-873.	2.0	17
6073	Real-time cognitive performance and positive symptom expression in schizophrenia. European Archives of Psychiatry and Clinical Neuroscience, 2022, 272, 415-425.	1.8	6
6074	Single and Combined Neuroimaging Techniques for Alzheimer's Disease Detection. Computational Intelligence and Neuroscience, 2021, 2021, 1-22.	1.1	12
6075	Large-scale network dysfunction in youths with Internet gaming disorder: a meta-analysis of resting-state functional connectivity studies. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2021, 109, 110242.	2.5	23
6076	Maternal trait anxiety symptoms, frontolimbic resting-state functional connectivity, and cognitive development in infancy. Developmental Psychobiology, 2021, 63, e22166.	0.9	7
6077	Brain Frequency-Specific Changes in the Spontaneous Neural Activity Are Associated With Cognitive Impairment in Patients With Presbycusis. Frontiers in Aging Neuroscience, 2021, 13, 649874.	1.7	11

#	ARTICLE	IF	CITATIONS
6078	Hippocampal volume and navigational ability: The map(ping) is not to scale. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 126, 102-112.	2.9	10
6079	Macroscopic Quantities of Collective Brain Activity during Wakefulness and Anesthesia. <i>Cerebral Cortex</i> , 2022, 32, 298-311.	1.6	6
6080	The default mode network in cognition: a topographical perspective. <i>Nature Reviews Neuroscience</i> , 2021, 22, 503-513.	4.9	368
6081	Probing the Functional and Structural Connectivity Underlying EEG Traveling Waves. <i>Brain Topography</i> , 2022, 35, 66-78.	0.8	1
6082	Effect of AoA-L2 on L1 and L2 networks in early and late bilinguals. <i>International Journal of Bilingualism</i> , 0, , 136700692110330.	0.6	6
6083	Intrinsic functional connectivity of the frontoparietal network predicts inter-individual differences in the propensity for costly third-party punishment. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2021, 21, 1222-1232.	1.0	2
6084	Which multiband factor should you choose for your resting-state fMRI study?. <i>NeuroImage</i> , 2021, 234, 117965.	2.1	43
6085	Detection of functional and structural brain alterations in female schizophrenia using elastic net logistic regression. <i>Brain Imaging and Behavior</i> , 2022, 16, 281-290.	1.1	7
6086	Movement, mood and cognition: Preliminary insights into the therapeutic effects of electroconvulsive therapy for depression through a resting-state connectivity analysis. <i>Journal of Affective Disorders</i> , 2021, 290, 117-127.	2.0	7
6087	Brain Functional Changes in Stroke Following Rehabilitation Using Brain-Computer Interface-Assisted Motor Imagery With and Without tDCS: A Pilot Study. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 692304.	1.0	16
6088	Directed Brain Connectivity Identifies Widespread Functional Network Abnormalities in Parkinson's Disease. <i>Cerebral Cortex</i> , 2022, 32, 593-607.	1.6	8
6092	Regional and remote connectivity patterns in focal extratemporal lobe epilepsy. <i>Annals of Translational Medicine</i> , 2021, 9, 1128-1128.	0.7	6
6093	Altered dynamic regional homogeneity in patients with conduct disorder. <i>Neuropsychologia</i> , 2021, 157, 107865.	0.7	12
6094	Whole-head OPM-MEG enables noninvasive assessment of functional connectivity. <i>Trends in Neurosciences</i> , 2021, 44, 510-512.	4.2	11
6095	Distinctive Association of the Functional Connectivity of the Posterior Cingulate Cortex on Memory Performances in Early and Late Amnesic Mild Cognitive Impairment Patients. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 696735.	1.7	12
6097	Wrist and finger motor representations embedded in the cerebral and cerebellar resting-state activation. <i>Brain Structure and Function</i> , 2021, 226, 2307-2319.	1.2	1
6098	Perturbations in dynamical models of whole-brain activity dissociate between the level and stability of consciousness. <i>PLoS Computational Biology</i> , 2021, 17, e1009139.	1.5	45
6099	Altered resting-state functional connectivity of the default mode and central executive networks following cognitive processing therapy for PTSD. <i>Behavioural Brain Research</i> , 2021, 409, 113312.	1.2	14

#	ARTICLE	IF	CITATIONS
6100	Presurgical Evaluation of Epilepsy Using Resting-State MEG Functional Connectivity. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 649074.	1.0	4
6102	The Association Between Resting State Functional Connectivity and the Trait of Impulsivity and Suicidal Ideation in Young Depressed Patients With Suicide Attempts. <i>Frontiers in Psychiatry</i> , 2021, 12, 567976.	1.3	17
6104	Functional Connectivity-Derived Optimal Gestational-Age Cut Points for Fetal Brain Network Maturity. <i>Brain Sciences</i> , 2021, 11, 921.	1.1	8
6106	Selective Functional Network Changes Following tDCS-Augmented Language Treatment in Primary Progressive Aphasia. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 681043.	1.7	9
6107	Neuromarkers from Whole-Brain Functional Connectivity Reveal the Cognitive Recovery Scheme for Overt Hepatic Encephalopathy after Liver Transplantation. <i>ENeuro</i> , 2021, 8, ENEURO.0114-21.2021.	0.9	4
6108	A comparison of machine learning classifiers for pediatric epilepsy using resting-state functional MRI latency data. <i>Biomedical Reports</i> , 2021, 15, 77.	0.9	7
6109	Functional Magnetic Resonance Imaging Signal Variability Is Associated With Neuromodulation in Fibromyalgia. <i>Neuromodulation</i> , 2023, 26, 999-1008.	0.4	6
6110	Implementing Methods for Calculating the Functional Connectivity of Regions of the Human Brain at Rest and Neuroimaging Using Data of Functional Nuclear Magnetic Resonance Imaging (fMRI). <i>Physics of Particles and Nuclei Letters</i> , 2021, 18, 496-501.	0.1	0
6111	Increased functional interaction within frontoparietal network during working memory task in major depressive disorder. <i>Human Brain Mapping</i> , 2021, 42, 5217-5229.	1.9	11
6112	Bilingual experience and intrinsic functional connectivity in adults, aging, and Alzheimer's disease. <i>Annals of the New York Academy of Sciences</i> , 2021, 1505, 8-22.	1.8	6
6113	Classification of Adolescent Major Depressive Disorder Via Static and Dynamic Connectivity. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021, 25, 2604-2614.	3.9	20
6114	Alzheimer's Disease Progressively Reduces Visual Functional Network Connectivity. <i>Journal of Alzheimer's Disease Reports</i> , 2021, 5, 549-562.	1.2	17
6115	Multimodal Investigations of Reward Circuitry and Anhedonia in Adolescent Depression. <i>Frontiers in Psychiatry</i> , 2021, 12, 678709.	1.3	16
6117	Relationship between resting-state fMRI functional connectivity with motor and language outcome after perinatal brain injury – A systematic review. <i>European Journal of Paediatric Neurology</i> , 2021, 33, 36-49.	0.7	8
6119	Improving precision functional mapping routines with multi-echo fMRI. <i>Current Opinion in Behavioral Sciences</i> , 2021, 40, 113-119.	2.0	19
6121	Structural and functional connectivity in premature neonates. <i>Seminars in Perinatology</i> , 2021, 45, 151473.	1.1	11
6122	Dynamic alterations of amplitude of low-frequency fluctuations in patients with chronic neck pain. <i>Psychoradiology</i> , 2021, 1, 110-117.	1.0	0
6123	Ventral Tegmental Area Disconnection Contributes Two Years Early to Correctly Classify Patients Converted to Alzheimer's Disease: Implications for Treatment. <i>Journal of Alzheimer's Disease</i> , 2021, 82, 985-1000.	1.2	16

#	ARTICLE	IF	CITATIONS
6124	Correcting physiological noise in whole-head functional near-infrared spectroscopy. <i>Journal of Neuroscience Methods</i> , 2021, 360, 109262.	1.3	20
6125	Higher functional connectivity between prefrontal regions and the dorsal attention network predicts absence of renewal. <i>Behavioural Brain Research</i> , 2021, 412, 113413.	1.2	1
6126	Three types of individual variation in brain networks revealed by single-subject functional connectivity analyses. <i>Current Opinion in Behavioral Sciences</i> , 2021, 40, 79-86.	2.0	20
6127	Brain mapping across 16 autism mouse models reveals a spectrum of functional connectivity subtypes. <i>Molecular Psychiatry</i> , 2021, 26, 7610-7620.	4.1	47
6128	Forced Normalization Revisited: New Concepts About a Paradoxical Phenomenon. <i>Frontiers in Integrative Neuroscience</i> , 2021, 15, 736248.	1.0	5
6129	Resting-state functional connectivity associated with gait characteristics in people with Parkinson's disease. <i>Behavioural Brain Research</i> , 2021, 411, 113398.	1.2	2
6130	Abnormal Neural Activity in Different Frequency Bands in Parkinson's Disease With Mild Cognitive Impairment. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 709998.	1.7	9
6131	Changes in ALFF and ReHo values in methamphetamine abstinent individuals based on the Harvard-Oxford atlas: A longitudinal resting-state fMRI study. <i>Addiction Biology</i> , 2022, 27, e13080.	1.4	9
6132	Insula activity in resting-state differentiates bipolar from unipolar depression: a systematic review and meta-analysis. <i>Scientific Reports</i> , 2021, 11, 16930.	1.6	14
6133	Weaker Connectivity of the Cortical Networks Is Linked with the Uncharacteristic Gait in Youth with Cerebral Palsy. <i>Brain Sciences</i> , 2021, 11, 1065.	1.1	8
6134	Altered regional homogeneity in patients with ovarian cancer treated with chemotherapy: a resting state fMRI study. <i>Brain Imaging and Behavior</i> , 2022, 16, 539-546.	1.1	5
6135	Reducing the Cognitive Footprint of Brain Tumor Surgery. <i>Frontiers in Neurology</i> , 2021, 12, 711646.	1.1	53
6136	Perturbing fMRI brain dynamics using transcranial direct current stimulation. <i>NeuroImage</i> , 2021, 237, 118100.	2.1	10
6137	Does central nervous system dysfunction underlie patellofemoral pain in young females? Examining brain functional connectivity in association with patient-reported outcomes. <i>Journal of Orthopaedic Research</i> , 2022, 40, 1083-1096.	1.2	13
6138	Spectral dynamic causal modelling in healthy women reveals brain connectivity changes along the menstrual cycle. <i>Communications Biology</i> , 2021, 4, 954.	2.0	20
6139	Functional harmonics reveal multi-dimensional basis functions underlying cortical organization. <i>Cell Reports</i> , 2021, 36, 109554.	2.9	24
6140	Increased modularity of the resting-state network in children with nonsyndromic cleft lip and palate after speech rehabilitation. <i>Brain and Behavior</i> , 2021, 11, e02094.	1.0	2
6141	Imaging the temporal dynamics of brain states with highly sampled fMRI. <i>Current Opinion in Behavioral Sciences</i> , 2021, 40, 87-95.	2.0	13

#	ARTICLE	IF	CITATIONS
6142	Connecting the dots: rethinking the relationship between code and prose writing with functional connectivity. , 2021, , .		3
6143	Brain Structure and Function: the first 15 years' a retrospective. Brain Structure and Function, 2021, 226, 2467-2475.	1.2	5
6144	Characterization of cognitive function in survivors of diffuse gliomas using resting-state functional MRI (rs-fMRI). Brain Imaging and Behavior, 2022, 16, 239-251.	1.1	5
6145	A Biased Perspective on Brain Imaging of ADHD. American Journal of Psychiatry, 2021, 178, 694-700.	4.0	8
6147	Brain network reorganization after targeted attack at a hub region. NeuroImage, 2021, 237, 118219.	2.1	26
6148	Common functional localizers to enhance NHP & cross-species neuroscience imaging research. NeuroImage, 2021, 237, 118203.	2.1	11
6149	Odor identity can be extracted from the reciprocal connectivity between olfactory bulb and piriform cortex in humans. NeuroImage, 2021, 237, 118130.	2.1	14
6150	Tracking plasticity of individual human brains. Current Opinion in Behavioral Sciences, 2021, 40, 161-168.	2.0	7
6151	Resting-state functional MRI language network connectivity differences in patients with brain tumors: exploration of the cerebellum and contralesional hemisphere. Brain Imaging and Behavior, 2021, , 1.	1.1	11
6152	Belief in Communism and Theory of Mind. Frontiers in Psychology, 2021, 12, 697251.	1.1	1
6153	Prospective Memory and Regional Functional Connectivity in Subcortical Ischemic Vascular Disease. Frontiers in Aging Neuroscience, 2021, 13, 686040.	1.7	3
6154	Individualized diagnosis of major depressive disorder via multivariate pattern analysis of thalamic sMRI features. BMC Psychiatry, 2021, 21, 415.	1.1	6
6155	Physiological and motion signatures in static and time-varying functional connectivity and their subject identifiability. ELife, 2021, 10, .	2.8	30
6156	Dynamic functional connectivity changes in the triple networks and its association with cognitive impairment in hemodialysis patients. Brain and Behavior, 2021, 11, e2314.	1.0	4
6157	Hemodynamic Analysis of the Prefrontal Cortex to Verify the Relationship Between Athlete Performance Level and Auditory-Spatial Working Memory: A Functional Near-Infrared Spectroscopy Study. Exercise Science, 2021, 30, 369-377.	0.1	0
6158	Drinking reduction during cognitive behavioral therapy for alcohol use disorder is associated with a reduction in anterior insula bed nucleus of the stria terminalis resting-state functional connectivity. Alcoholism: Clinical and Experimental Research, 2021, 45, 1596-1606.	1.4	12
6159	Mindfulness Training Improves Cognition and Strengthens Intrinsic Connectivity Between the Hippocampus and Posteromedial Cortex in Healthy Older Adults. Frontiers in Aging Neuroscience, 2021, 13, 702796.	1.7	13
6160	Role of the cerebellum in the phenotype of neurodegenerative diseases: Mitigate or exacerbate?. Neuroscience Letters, 2021, 760, 136105.	1.0	3

#	ARTICLE	IF	CITATIONS
6161	Early motor network connectivity after stroke: An interplay of general reorganization and state-specific compensation. <i>Human Brain Mapping</i> , 2021, 42, 5230-5243.	1.9	20
6162	Prediction of Epilepsy Based on Tensor Decomposition and Functional Brain Network. <i>Brain Sciences</i> , 2021, 11, 1066.	1.1	7
6163	Connectivity Patterns in the Core Resting-State Networks and Their Influence on Cognition. <i>Brain Connectivity</i> , 2022, 12, 334-347.	0.8	1
6164	Mapping the Unconscious Brain: Insights From Advanced Neuroimaging. <i>Journal of Clinical Neurophysiology</i> , 2022, 39, 12-21.	0.9	5
6165	State-independent and state-dependent patterns in the rat default mode network. <i>NeuroImage</i> , 2021, 237, 118148.	2.1	4
6166	Subcortical structures and visual divergent thinking: a resting-state functional MRI analysis. <i>Brain Structure and Function</i> , 2021, 226, 2617-2627.	1.2	5
6168	Elucidating the complementarity of resting-state networks derived from dynamic [18F]FDG and hemodynamic fluctuations using simultaneous small-animal PET/MRI. <i>NeuroImage</i> , 2021, 236, 118045.	2.1	9
6170	Connectome-based model predicts episodic memory performance in individuals with subjective cognitive decline and amnesic mild cognitive impairment. <i>Behavioural Brain Research</i> , 2021, 411, 113387.	1.2	9
6171	Altered complexity in resting-state fNIRS signal in autism: a multiscale entropy approach. <i>Physiological Measurement</i> , 2021, 42, 085004.	1.2	4
6172	Estimates of locus coeruleus function with functional magnetic resonance imaging are influenced by localization approaches and the use of multi-echo data. <i>NeuroImage</i> , 2021, 236, 118047.	2.1	20
6173	Altered Spatial Organization of Dynamic Functional Network Associates With Deficient Sensory and Perceptual Network in Schizophrenia. <i>Frontiers in Psychiatry</i> , 2021, 12, 687580.	1.3	2
6174	Reproducible coactivation patterns of functional brain networks reveal the aberrant dynamic state transition in schizophrenia. <i>NeuroImage</i> , 2021, 237, 118193.	2.1	25
6175	The coupling of BOLD signal variability and degree centrality underlies cognitive functions and psychiatric diseases. <i>NeuroImage</i> , 2021, 237, 118187.	2.1	11
6176	Impact of Independent Component Analysis Dimensionality on the Test-Retest Reliability of Resting-State Functional Connectivity. <i>Brain Connectivity</i> , 2021, 11, 875-886.	0.8	5
6177	Impaired Memory Awareness and Loss Integration in Self-Referential Network Across the Progression of Alzheimer's Disease Spectrum. <i>Journal of Alzheimer's Disease</i> , 2021, 83, 111-126.	1.2	6
6178	Characteristics of neural network changes in normal aging and early dementia: including the relationship between hearing loss and dementia.. <i>Audiology Japan</i> , 2021, 64, 279-288.	0.1	0
6179	Light through the fog: using precision fMRI data to disentangle the neural substrates of cognitive control. <i>Current Opinion in Behavioral Sciences</i> , 2021, 40, 19-26.	2.0	22
6180	Repeated anodal high-definition transcranial direct current stimulation over the left dorsolateral prefrontal cortex in mild cognitive impairment patients increased regional homogeneity in multiple brain regions. <i>PLoS ONE</i> , 2021, 16, e0256100.	1.1	14

#	ARTICLE	IF	CITATIONS
6181	Using Fractional Amplitude of Low-Frequency Fluctuations and Functional Connectivity in Patients With Post-stroke Cognitive Impairment for a Simulated Stimulation Program. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 724267.	1.7	8
6182	Study on acupuncture in the treatment of painful diabetic peripheral neuropathy based on rs-fMRI: a protocol for systematic review and meta-analysis. <i>BMJ Open</i> , 2021, 11, e055874.	0.8	2
6183	Correspondence between functional connectivity and task-related activity patterns within the individual. <i>Current Opinion in Behavioral Sciences</i> , 2021, 40, 178-188.	2.0	15
6185	Parallel hippocampal-parietal circuits for self- and goal-oriented processing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	32
6186	Personalised, image-guided, noninvasive brain stimulation in gliomas: Rationale, challenges and opportunities. <i>EBioMedicine</i> , 2021, 70, 103514.	2.7	10
6187	Brain activity is not only for thinking. <i>Current Opinion in Behavioral Sciences</i> , 2021, 40, 130-136.	2.0	45
6188	Identification of impulsive adolescents with a functional near infrared spectroscopy (fNIRS) based decision support system. <i>Journal of Neural Engineering</i> , 2021, 18, 056043.	1.8	6
6189	A Novel Spectrum Contrast Mapping Method for Functional Magnetic Resonance Imaging Data Analysis. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 739668.	1.0	3
6191	Brain-Computer Interface Training With Functional Electrical Stimulation: Facilitating Changes in Interhemispheric Functional Connectivity and Motor Outcomes Post-stroke. <i>Frontiers in Neuroscience</i> , 2021, 15, 670953.	1.4	10
6193	Structural and functional brain changes in X-linked Charcot-Marie-Tooth disease: insights from a multimodal neuroimaging study. <i>Neuroradiology</i> , 2022, 64, 543-552.	1.1	0
6194	Emerging imaging methods to study whole-brain function in rodent models. <i>Translational Psychiatry</i> , 2021, 11, 457.	2.4	21
6195	Neural tuning and representational geometry. <i>Nature Reviews Neuroscience</i> , 2021, 22, 703-718.	4.9	80
6196	Seed-based test of retest reliability of resting state functional magnetic resonance imaging at 3T and 7T. <i>Medical Physics</i> , 2021, 48, 5756-5764.	1.6	9
6197	Consecutive Independence and Correlation Transform for Multimodal Data Fusion: Discovery of One-to-Many Associations in Structural and Functional Imaging Data. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8382.	1.3	3
6198	Validating dynamicity in resting state fMRI with activation-informed temporal segmentation. <i>Human Brain Mapping</i> , 2021, 42, 5718-5735.	1.9	2
6199	Age of onset modulates resting state brain network dynamics in Friedreich Ataxia. <i>Human Brain Mapping</i> , 2021, 42, 5334-5344.	1.9	8
6200	Where in the Brain is the Other Hand? Mapping Dysfunctional Neural Networks in Somatoparaphrenia. <i>Neuroscience</i> , 2021, 476, 21-33.	1.1	7
6201	The Relationship Between Functional Connectivity and Interoceptive Sensibility. <i>Brain Connectivity</i> , 2022, 12, 417-431.	0.8	7

#	ARTICLE	IF	CITATIONS
6202	Brain Topological Reorganization Associated with Visual Neglect After Stroke. <i>Brain Connectivity</i> , 2021, , .	0.8	2
6203	rsfMRI based evidence for functional connectivity alterations in adults with developmental stuttering. <i>Heliyon</i> , 2021, 7, e07855.	1.4	3
6204	Altered Posterior Midline Activity in Patients with Jerky and Tremulous Functional Movement Disorders. <i>Brain Connectivity</i> , 2021, 11, 584-593.	0.8	3
6205	Gait Variability Is Associated With the Strength of Functional Connectivity Between the Default and Dorsal Attention Brain Networks: Evidence From Multiple Cohorts. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, e328-e334.	1.7	4
6206	Developmental Cognitive Neuroscience in the Era of Networks and Big Data: Strengths, Weaknesses, Opportunities, and Threats. <i>Annual Review of Developmental Psychology</i> , 2021, 3, 249-275.	1.4	16
6207	Functional Magnetic Resonance Imaging and Applications in Dermatology. <i>JID Innovations</i> , 2021, 1, 100015.	1.2	1
6209	No associations in preregistered study of youth depression and functional connectivity of fronto-parietal and default mode networks. <i>NeuroImage Reports</i> , 2021, 1, 100036.	0.5	1
6210	Graph-theory based degree centrality combined with machine learning algorithms can predict response to treatment with antiepileptic medications in children with epilepsy. <i>Journal of Clinical Neuroscience</i> , 2021, 91, 276-282.	0.8	14
6211	Psilocybin-induced changes in brain network integrity and segregation correlate with plasma psilocin level and psychedelic experience. <i>European Neuropsychopharmacology</i> , 2021, 50, 121-132.	0.3	57
6212	Aberrant functional brain network dynamics in patients with functional constipation. <i>Human Brain Mapping</i> , 2021, 42, 5985-5999.	1.9	8
6215	Distinct connectivity profiles predict different in-time processes of motor skill learning. <i>NeuroImage</i> , 2021, 238, 118239.	2.1	3
6216	Decomposition of individual-specific and individual-shared components from resting-state functional connectivity using a multi-task machine learning method. <i>NeuroImage</i> , 2021, 238, 118252.	2.1	10
6217	Blood Oxygen Level-Dependent Lag Patterns Differ Between Rest and Task Conditions, but Are Largely Typical in Autism. <i>Brain Connectivity</i> , 2022, 12, 234-245.	0.8	1
6221	Independent contributions of structural and functional connectivity: Evidence from a stroke model. <i>Network Neuroscience</i> , 2021, 5, 911-928.	1.4	4
6222	Altered Homotopic Functional Connectivity Within White Matter in the Early Stages of Alzheimer's Disease. <i>Frontiers in Neuroscience</i> , 2021, 15, 697493.	1.4	3
6223	The Longitudinal Effect of Meditation on Resting-State Functional Connectivity Using Dynamic Arterial Spin Labeling: A Feasibility Study. <i>Brain Sciences</i> , 2021, 11, 1263.	1.1	7
6224	Loss of consciousness reduces the stability of brain hubs and the heterogeneity of brain dynamics. <i>Communications Biology</i> , 2021, 4, 1037.	2.0	40
6225	Functional magnetic resonance imaging research in China. <i>CNS Neuroscience and Therapeutics</i> , 2021, 27, 1259-1267.	1.9	6

#	ARTICLE	IF	CITATIONS
6226	Functionnectome as a framework to analyse the contribution of brain circuits to fMRI. <i>Communications Biology</i> , 2021, 4, 1035.	2.0	18
6228	Linking irritability and functional brain networks: A transdiagnostic case for expanding consideration of development and environment in RDoC. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 129, 231-244.	2.9	17
6229	Frequency specific co-activation pattern analysis via sparse nonnegative tensor decomposition. <i>Journal of Neuroscience Methods</i> , 2021, 362, 109299.	1.3	1
6230	History of Magnetic Resonance Imaging: A Trip Down Memory Lane. <i>Neuroscience</i> , 2021, 474, 3-13.	1.1	9
6231	Spatiotemporally flexible subnetworks reveal the quasi-cyclic nature of integration and segregation in the human brain. <i>NeuroImage</i> , 2021, 239, 118287.	2.1	5
6232	Using distance on the Riemannian manifold to compare representations in brain and in models. <i>NeuroImage</i> , 2021, 239, 118271.	2.1	13
6233	Current and Future Challenges of Functional MRI and Diffusion Tractography in the Surgical Setting: From Eloquent Brain Mapping to Neural Plasticity. <i>Seminars in Ultrasound, CT and MRI</i> , 2021, 42, 474-489.	0.7	6
6234	Widespread plasticity of cognition-related brain networks in single-sided deafness revealed by randomized window-based dynamic functional connectivity. <i>Medical Image Analysis</i> , 2021, 73, 102163.	7.0	16
6235	Two for the Price of One? Analyzing Task-based fMRI Data with Resting-State fMRI Methods. <i>Radiology</i> , 2021, 301, 185-186.	3.6	1
6236	Exploration of the influence of body mass index on intra-network resting-state connectivity in chronic cigarette smokers. <i>Drug and Alcohol Dependence</i> , 2021, 227, 108911.	1.6	7
6237	Impact of binge drinking during college on resting state functional connectivity. <i>Drug and Alcohol Dependence</i> , 2021, 227, 108935.	1.6	3
6238	Spatiotemporal trajectories in resting-state FMRI revealed by convolutional variational autoencoder. <i>NeuroImage</i> , 2021, 244, 118588.	2.1	10
6239	Urban green is more than the absence of city: Structural and functional neural basis of urbanicity and green space in the neighbourhood of older adults. <i>Landscape and Urban Planning</i> , 2021, 214, 104196.	3.4	6
6240	Resting-state brain connectivity in healthy young and middle-aged adults at risk of progressive Alzheimer's disease. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 129, 142-153.	2.9	18
6241	Structural and resting state functional connectivity beyond the cortex. <i>NeuroImage</i> , 2021, 240, 118379.	2.1	25
6242	Longitudinal stability of resting-state networks in normal aging, mild cognitive impairment, and Alzheimer's disease. <i>Magnetic Resonance Imaging</i> , 2021, 82, 55-73.	1.0	3
6243	Double-wavelet transform for multi-subject resting state functional magnetic resonance imaging data. <i>Statistics in Medicine</i> , 2021, 40, 6762.	0.8	2
6244	Hierarchical modelling of functional brain networks in population and individuals from big fMRI data. <i>NeuroImage</i> , 2021, 243, 118513.	2.1	8

#	ARTICLE	IF	CITATIONS
6245	Physiological noise modeling in fMRI based on the pulsatile component of photoplethysmograph. <i>NeuroImage</i> , 2021, 242, 118467.	2.1	12
6246	Development of functional connectivity within and among the resting-state networks in anesthetized rhesus monkeys. <i>NeuroImage</i> , 2021, 242, 118473.	2.1	4
6247	Resting-state functional connectivity predictors of treatment response in schizophrenia – A systematic review and meta-analysis. <i>Schizophrenia Research</i> , 2021, 237, 153-165.	1.1	28
6248	Resting-state functional connectivity and reading subskills in children. <i>NeuroImage</i> , 2021, 243, 118529.	2.1	10
6249	Using multiband multi-echo imaging to improve the robustness and repeatability of co-activation pattern analysis for dynamic functional connectivity. <i>NeuroImage</i> , 2021, 243, 118555.	2.1	11
6250	Hypostability in the default mode network and hyperstability in the frontoparietal control network of dynamic functional architecture during rumination. <i>NeuroImage</i> , 2021, 241, 118427.	2.1	12
6251	Interpreting null models of resting-state functional MRI dynamics: not throwing the model out with the hypothesis. <i>NeuroImage</i> , 2021, 243, 118518.	2.1	24
6252	Advances in resting state fMRI acquisitions for functional connectomics. <i>NeuroImage</i> , 2021, 243, 118503.	2.1	58
6253	Structural and functional brain abnormalities in misophonia. <i>European Neuropsychopharmacology</i> , 2021, 52, 62-71.	0.3	16
6254	Development of navigation network revealed by resting-state and task-state functional connectivity. <i>NeuroImage</i> , 2021, 243, 118515.	2.1	3
6255	Striatal and prefrontal D2R and SERT distributions contrastingly correlate with default-mode connectivity. <i>NeuroImage</i> , 2021, 243, 118501.	2.1	5
6256	Early life maltreatment affects intrinsic neural function in mothers. <i>Journal of Psychiatric Research</i> , 2021, 143, 176-182.	1.5	3
6257	What have we really learned from functional connectivity in clinical populations?. <i>NeuroImage</i> , 2021, 242, 118466.	2.1	55
6258	Representation learning of resting state fMRI with variational autoencoder. <i>NeuroImage</i> , 2021, 241, 118423.	2.1	26
6259	Functional stability predicts depressive and cognitive improvement in major depressive disorder: A longitudinal functional MRI study. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 111, 110396.	2.5	11
6260	Automated eloquent cortex localization in brain tumor patients using multi-task graph neural networks. <i>Medical Image Analysis</i> , 2021, 74, 102203.	7.0	12
6261	Amplitude of low-frequency fluctuation (ALFF) alterations in adults with subthreshold depression after physical exercise: A resting-state fMRI study. <i>Journal of Affective Disorders</i> , 2021, 295, 1057-1065.	2.0	20
6262	How prenatal exposures shape the infant brain: Insights from infant neuroimaging studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 131, 47-58.	2.9	18

#	ARTICLE	IF	CITATIONS
6263	Spontaneous cortical MEG activity undergoes unique age- and sex-related changes during the transition to adolescence. <i>NeuroImage</i> , 2021, 244, 118552.	2.1	19
6264	Connectomic DBS: An introduction. , 2022, , 3-23.		5
6265	Resting-state functional MRI-based connectivity. , 2022, , 207-222.		0
6266	Normative connectomes and their use in DBS. , 2022, , 245-274.		5
6267	Magnetic resonance imaging biomarkers for cognitive decline in Down syndrome. , 2022, , 149-172.		2
6268	An age-dependent Connectivity-based computer aided diagnosis system for Autism Spectrum Disorder using Resting-state fMRI. <i>Biomedical Signal Processing and Control</i> , 2022, 71, 103108.	3.5	14
6269	The resting-state cerebro-cerebellar function connectivity and associations with verbal working memory performance. <i>Behavioural Brain Research</i> , 2022, 417, 113586.	1.2	5
6270	Individualized Functional Subnetworks Connect Human Striatum and Frontal Cortex. <i>Cerebral Cortex</i> , 2022, 32, 2868-2884.	1.6	20
6271	Neuroimaging Biomarkers in Pediatric Mood Disorders. , 2021, , 28-38.		0
6272	Neuroanatomical Findings in Unipolar Depression and the Role of the Hippocampus. , 2021, , 7-15.		0
6273	Resting-state functional magnetic resonance imaging (rsfMRI) in bipolar and unipolar depression. , 2021, , 277-299.		3
6274	Phase-locking of resting-state brain networks with the gastric basal electrical rhythm. <i>PLoS ONE</i> , 2021, 16, e0244756.	1.1	14
6275	Distinct network topology in Alzheimer's disease and behavioral variant frontotemporal dementia. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 13.	3.0	29
6276	Functional differentiations in evolutionary reservoir computing networks. <i>Chaos</i> , 2021, 31, 013137.	1.0	6
6277	Estimating Brain Functional Networks Based on Adaptively-Weighted fMRI Signals for MCI Identification. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 595322.	1.7	9
6278	Functional connectivities of the right temporoparietal junction and moral network predict social framing effect: Evidence from resting-state fMRI. <i>Acta Psychologica Sinica</i> , 2021, 53, 55.	0.4	5
6279	NIRS-KIT: a MATLAB toolbox for both resting-state and task fNIRS data analysis. <i>Neurophotonics</i> , 2021, 8, 010802.	1.7	73
6280	Disturbed Brain Networks in the Psychosis High-Risk State?. , 2021, , 217-238.		1

#	ARTICLE	IF	CITATIONS
6281	The Development of Brain Network in Males with Autism Spectrum Disorders from Childhood to Adolescence: Evidence from fNIRS Study. <i>Brain Sciences</i> , 2021, 11, 120.	1.1	10
6282	On the Complexity of Resting State Spiking Activity in Monkey Motor Cortex. <i>Cerebral Cortex Communications</i> , 2021, 2, tgab033.	0.7	11
6283	Functional Connectome in Bipolar Disorder. , 2021, , 59-82.		0
6284	Resting-State Functional Connectivity in Unipolar Depression. , 2021, , 49-58.		0
6285	Imaging Genetic and Epigenetic Markers in Mood Disorders. , 2021, , 135-150.		0
6286	fMRI Neurofeedback as Treatment for Depression. , 2021, , 151-165.		0
6288	Tracing the psychopathology of bipolar disorder to the functional architecture of intrinsic brain activity and its neurotransmitter modulation: a three-dimensional model. <i>Molecular Psychiatry</i> , 2022, 27, 793-802.	4.1	14
6290	A Bayesian Deep CNN Framework for Reconstructing k-t-Undersampled Resting-fMRI. , 2021, , .		0
6291	Changes in brain functional connectivity and cognition related to white matter lesion burden in hypertensive patients from SPRINT. <i>Neuroradiology</i> , 2021, 63, 913-924.	1.1	8
6292	Neural effective connectivity explains subjective fatigue in stroke. <i>Brain</i> , 2022, 145, 285-294.	3.7	21
6293	The Relationship of Functional Connectivity of the Sensorimotor and Visual Cortical Networks Between Resting and Task States. <i>Frontiers in Neuroscience</i> , 2020, 14, 592720.	1.4	3
6294	Dictionary+Wavelet Model With Nested-Minorized VB-EM for SMS-CAIPI R-fMRI Reconstruction. <i>IEEE Open Journal of Signal Processing</i> , 2021, 2, 383-395.	2.3	0
6295	Dynamic functional connectome predicts individual working memory performance across diagnostic categories. <i>NeuroImage: Clinical</i> , 2021, 30, 102593.	1.4	14
6296	Genetic Architecture Underlying Differential Resting-state Functional Connectivity of Subregions Within the Human Visual Cortex. <i>Cerebral Cortex</i> , 2022, 32, 2063-2078.	1.6	13
6298	Neural substrates of contextâ€•and personâ€•dependent altruistic punishment. <i>Human Brain Mapping</i> , 2017, 38, 5535-5550.	1.9	16
6299	Changing brain connectivity dynamics: From early childhood to adulthood. <i>Human Brain Mapping</i> , 2018, 39, 1108-1117.	1.9	80
6300	Discriminative Analysis of Brain Function at Resting-State for Attention-Deficit/Hyperactivity Disorder. <i>Lecture Notes in Computer Science</i> , 2005, 8, 468-475.	1.0	55
6301	Functional Connectivity in the Resting Brain: An Analysis Based on ICA. <i>Lecture Notes in Computer Science</i> , 2006, , 175-182.	1.0	7

#	ARTICLE	IF	CITATIONS
6302	Connectivity. <i>Current Topics in Behavioral Neurosciences</i> , 2013, 16, 49-77.	0.8	7
6303	Attention Deficit Hyperactivity Disorder. <i>Current Topics in Behavioral Neurosciences</i> , 2013, 16, 235-266.	0.8	62
6304	Pain Imaging. , 2013, , 439-467.		1
6305	Neuroimaging of Alzheimer's Disease, Mild Cognitive Impairment, and Other Dementias. , 2011, , 309-339.		4
6306	Small World Networks in Computational Neuroscience. , 2013, , 3057-3088.		3
6307	Brain Functioning When the Voices Are Silent: Aberrant Default Modes in Auditory Verbal Hallucinations. , 2013, , 393-415.		3
6308	Anatomical and Functional Connectivity in Autism Spectrum Disorders. , 2014, , 49-75.		5
6309	Cortical Underconnectivity Hypothesis in Autism: Evidence from Functional Connectivity MRI. , 2014, , 1457-1471.		8
6310	Functional Connectivity MRI in Autism. , 2013, , 325-347.		4
6311	A Link between Vasomotion and Spontaneous Oscillations of Oxygen in Rat Brain. <i>Advances in Experimental Medicine and Biology</i> , 1999, 471, 111-116.	0.8	3
6312	Slow Oscillations of Cytochrome Oxidase Redox State and Blood Volume in Unanesthetized Cat and Rabbit Cortex. <i>Advances in Experimental Medicine and Biology</i> , 1998, 454, 561-570.	0.8	13
6313	Clinical Application of Basal Regional Cerebral Blood Flow Fluctuation Measurements by fMRI. <i>Advances in Experimental Medicine and Biology</i> , 1998, 454, 583-590.	0.8	14
6314	Locally Measured Neuronal Correlates of Functional MRI Signals. <i>Biological Magnetic Resonance</i> , 2015, , 105-128.	0.4	3
6315	Physiology and Physics of the fMRI Signal. <i>Biological Magnetic Resonance</i> , 2015, , 163-213.	0.4	5
6316	Advanced EEG and MRI Measurements to Study the Functional Development of the Newborn Brain. <i>Neuroinformatics</i> , 2016, , 53-68.	0.2	1
6317	Intrinsic Brain Activity and Resting State Networks. , 2016, , 1625-1676.		4
6318	Dynamic Imaging of Brain Function. <i>Methods in Molecular Biology</i> , 2009, 489, 3-21.	0.4	26
6319	Basal Ganglia Network Synchronization in Animal Models of Parkinson's Disease. , 2009, , 1-26.		5

#	ARTICLE	IF	CITATIONS
6320	fMRI of Emotion. <i>Neuromethods</i> , 2009, , 411-456.	0.2	8
6321	Pharmacological Applications of fMRI. <i>Neuromethods</i> , 2009, , 751-767.	0.2	1
6322	Dynamic Causal Modelling of Brain Responses. <i>Neuromethods</i> , 2009, , 237-261.	0.2	1
6323	Cortical Disintegration Mechanism of Anesthetic-Induced Unconsciousness. , 2009, , 99-125.		1
6324	The BOLD Effect. <i>Methods in Molecular Biology</i> , 2011, 771, 153-169.	0.4	9
6325	Robust Methods for Detecting Spontaneous Activations in fMRI Data. <i>Springer Proceedings in Mathematics and Statistics</i> , 2018, , 91-110.	0.1	1
6326	A Novel Methodology for Simulation of EEG Traveling Waves on the Folding Surface of the Human Cerebral Cortex. <i>Studies in Computational Intelligence</i> , 2019, , 51-63.	0.7	3
6327	A Review of Method and Approaches for Resting State fMRI Analyses. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 400-404.	0.5	4
6328	Scanning Conditions in Functional Connectivity Magnetic Resonance Imaging: How to Standardise Resting-State for Optimal Data Acquisition and Visualisation?. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1235, 35-52.	0.8	5
6329	Resting-State fMRI in Multiple Sclerosis. , 2020, , 335-353.		4
6330	fMRI in Parkinson's Disease. , 2020, , 417-431.		1
6331	Resting-State fMRI: Preclinical Foundations. , 2020, , 47-63.		3
6332	A Systematic Assessment of Feature Extraction Methods for Robust Prediction of Neuropsychological Scores from Functional Connectivity Data. <i>Lecture Notes in Computer Science</i> , 2020, , 29-40.	1.0	2
6333	A Dynamical Clustering Model of Brain Connectivity Inspired by the N-Body Problem. <i>Lecture Notes in Computer Science</i> , 2013, 8159, 129-137.	1.0	5
6334	ADHD-200 Classification Based on Social Network Method. <i>Lecture Notes in Computer Science</i> , 2014, , 233-240.	1.0	13
6335	Pathophysiology of Cluster Headache: Current Status and Future Directions. <i>Headache</i> , 2015, , 247-258.	0.2	2
6336	Large-Scale Neural Network Model for Functional Networks of the Human Cortex. <i>Understanding Complex Systems</i> , 2016, , 345-352.	0.3	1
6337	When Photons Meet Protons: Optogenetics, Calcium Signal Detection, and fMRI in Small Animals. , 2017, , 773-791.		4

#	ARTICLE	IF	CITATIONS
6338	Detecting Community Structure Based on Optimized Modularity by Genetic Algorithm in Resting-State fMRI. Lecture Notes in Computer Science, 2017, , 457-464.	1.0	1
6339	A Complete Characterization of the One-Dimensional Intrinsic ÅEech Persistence Diagrams for Metric Graphs. Association for Women in Mathematics Series, 2018, , 33-56.	0.1	16
6340	Functional MRI Limitations and Aspirations. On Thinking, 2009, , 15-38.	0.5	11
6341	Attending to the Stream of Consciousness â€“ A Methodological Challenge. , 2009, , 83-103.		2
6342	Frequency-Dependent Functional Connectivity Analysis of fMRI Data in Fourier and Wavelet Domains. Understanding Complex Systems, 2007, , 379-401.	0.3	3
6343	Detection of Spatial Activation Patterns as Unsupervised Segmentation of fMRI Data. , 2007, 10, 110-118.		31
6345	From Complex Networks to Intelligent Systems. Lecture Notes in Computer Science, 2009, , 15-30.	1.0	13
6346	Discovering Sparse Functional Brain Networks Using Group Replicator Dynamics (GRD). Lecture Notes in Computer Science, 2009, 21, 76-87.	1.0	6
6347	Multivariate Network-Level Approach to Detect Interactions between Large-Scale Functional Systems. Lecture Notes in Computer Science, 2010, 13, 298-305.	1.0	5
6348	KonnektivitÃt. , 2013, , 457-469.		5
6349	An Introduction to MEG Connectivity Measurements. , 2014, , 321-358.		12
6350	Pediatric MEG: Investigating Spatio-Temporal Connectivity of Developing Networks. , 2014, , 525-555.		3
6351	Modeling Connectivity in Health and Disease: Examples from the Motor System. , 2013, , 213-226.		1
6352	Learning from M/EEG Data with Variable Brain Activation Delays. Lecture Notes in Computer Science, 2013, 23, 414-425.	1.0	2
6353	Machine Learning Techniques for AD/MCI Diagnosis and Prognosis. Intelligent Systems Reference Library, 2014, , 147-179.	1.0	11
6354	An Invitation to the Study of Brain Networks, with Some Statistical Analysis of Thresholding Techniques. Natural Computing Series, 2014, , 85-107.	2.2	2
6355	Neuroimaging Findings in Mild Cognitive Impairment. , 2014, , 271-307.		2
6356	Magnetic Resonance Imaging of Human Brain Function. , 1999, , 1055-1082.		2

#	ARTICLE	IF	CITATIONS
6357	Physiological Noise: Strategies for Correction. Medical Radiology, 2000, , 173-181.	0.0	9
6358	Functionally Related Correlation in the Noise. Medical Radiology, 2000, , 263-275.	0.0	8
6361	Hierarchical Organization of Frontoparietal Control Networks Underlying Goal-Directed Behavior. , 2017, , 133-148.		11
6362	Resting State Networks Analysis Using Simultaneous EEG-fMRI for Epilepsy Patient. Lecture Notes in Electrical Engineering, 2013, , 607-617.	0.3	1
6363	Delineation of Cerebrocerebellar Networks with MRI Measures of Functional and Structural Connectivity. , 2013, , 571-585.		6
6364	From Reactive to Endogenously Active Dynamical Conceptions of the Brain. Boston Studies in the Philosophy and History of Science, 2012, , 329-366.	0.4	7
6365	A Theory of Hippocampus Structure and Function Based on Category Theory. , 2014, , 141-160.		2
6366	Neuroimaging of Small Vessel Disease in Late-Life Depression. Advances in Experimental Medicine and Biology, 2019, 1192, 95-115.	0.8	5
6367	Intrinsic Brain Activity and Consciousness. , 2009, , 81-88.		2
6368	Functional Magnetic Resonance Imaging (fMRI). , 2014, , 69-80.		3
6369	The Chronoarchitecture of the Human Brain. , 2004, , 201-229.		2
6370	Magnetic Resonance Neurophysiology: Simultaneous EEG and fMRI. , 2005, , 299-314.		3
6371	Resting-state functional connectivity: An emerging method for the study of language networks in post-stroke aphasia. Brain and Cognition, 2019, 131, 22-33.	0.8	54
6372	Functional connectivity associated with five different categories of Autonomous Sensory Meridian Response (ASMR) triggers. Consciousness and Cognition, 2020, 85, 103021.	0.8	23
6373	The relationship between sleep efficiency and clinical symptoms is mediated by brain function in major depressive disorder. Journal of Affective Disorders, 2020, 266, 327-337.	2.0	23
6374	Temporal non-local means filtering for studies of intrinsic brain connectivity from individual resting fMRI. Medical Image Analysis, 2020, 61, 101635.	7.0	13
6375	Mapping the effect of the X chromosome on the human brain: Neuroimaging evidence from Turner syndrome. Neuroscience and Biobehavioral Reviews, 2017, 80, 263-275.	2.9	23
6376	Assessing dynamic functional connectivity in heterogeneous samples. NeuroImage, 2017, 157, 635-647.	2.1	26

#	ARTICLE	IF	CITATIONS
6377	Resting-State Functional Connectome in Patients with Brain Tumors Before and After Surgical Resection. <i>World Neurosurgery</i> , 2020, 141, e182-e194.	0.7	16
6379	Using fMRI to study cognitive function and its modulation in sleep-deprived persons: a selective overview. , 2012, , 7-22.		1
6382	The Attenuation of Very Low Frequency Brain Oscillations in Transitions from a Rest State to Active Attention. <i>Journal of Psychophysiology</i> , 2009, 23, 191-198.	0.3	31
6383	Trial-to-Trial Variability in Evoked Neural Responses Exhibits a Very Low Frequency Temporal Signature. <i>Journal of Psychophysiology</i> , 2010, 24, 7-24.	0.3	2
6384	Functional brain imaging in neuropsychology over the past 25 years.. <i>Neuropsychology</i> , 2017, 31, 954-971.	1.0	24
6385	Variability in stroke motor outcome is explained by structural and functional integrity of the motor system. <i>Scientific Reports</i> , 2018, 8, 9480.	1.6	16
6386	Low-motion fMRI data can be obtained in pediatric participants undergoing a 60-minute scan protocol. <i>Scientific Reports</i> , 2020, 10, 21855.	1.6	18
6387	Progress and roadblocks in the search for brain-based biomarkers of autism and attention-deficit/hyperactivity disorder. <i>Translational Psychiatry</i> , 2017, 7, e1218-e1218.	2.4	115
6388	Tinnitus and the Brain: A Review of Functional and Anatomical Magnetic Resonance Imaging Studies. <i>Perspectives of the ASHA Special Interest Groups</i> , 2019, 4, 896-909.	0.4	21
6389	The Connectivity of Orofacial Systems. <i>Perspectives on Speech Science and Orofacial Disorders</i> , 2009, 19, 28-36.	0.4	1
6390	Functional Networks in Disorders of Consciousness. <i>Seminars in Neurology</i> , 2017, 37, 485-502.	0.5	65
6392	<i>Selection of the optimal pulse sequence for functional MRI</i>. , 2001, , 123-145.		6
6393	Clinical applications of mapping neurocognitive processes in the human brain with functional MRI. , 2001, , 330-351.		3
6395	Electrophysiology: Microelectrode Recordings. , 2007, , 219-256.		1
6396	Optical Imaging. , 2007, , 313-319.		1
6397	1.3 Studies of the Human Brain Combining Functional Neuroimaging and Electrophysiological Methods. , 2010, , 47-66.		4
6398	Lag Analysis of Fast fMRI Reveals Delayed Information Flow Between the Default Mode and Other Networks in Narcolepsy. <i>Cerebral Cortex Communications</i> , 2020, 1, tgaa073.	0.7	4
6399	Beyond the Visible???Imaging the Human Brain With Light. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2003, , 1-18.	2.4	260

#	ARTICLE	IF	CITATIONS
6400	Blind Source Separation of Multiple Signal Sources of fMRI Data Sets Using Independent Component Analysis. <i>Journal of Computer Assisted Tomography</i> , 1999, 23, 265-271.	0.5	222
6401	Treatment of Baseline Drifts in fMRI Time Series Analysis. <i>Journal of Computer Assisted Tomography</i> , 1999, 23, 463-473.	0.5	90
6402	Differential Effects of Deep Sedation with Propofol on the Specific and Nonspecific Thalamocortical Systems. <i>Anesthesiology</i> , 2013, 118, 59-69.	1.3	127
6403	Sensorimotor Mapping With MEG: An Update on the Current State of Clinical Research and Practice With Considerations for Clinical Practice Guidelines. <i>Journal of Clinical Neurophysiology</i> , 2020, 37, 564-573.	0.9	11
6504	Modulating the resting-state functional connectivity patterns of language processing areas in the human brain with anodal transcranial direct current stimulation applied over the Broca's area. <i>Neurophotonics</i> , 2018, 5, 1.	1.7	11
6505	Effect of prewhitening in resting-state functional near-infrared spectroscopy data. <i>Neurophotonics</i> , 2018, 5, 1.	1.7	13
6506	Functional near-infrared spectroscopy evidence for the development of topological asymmetry between hemispheric brain networks from childhood to adulthood. <i>Neurophotonics</i> , 2019, 6, 1.	1.7	16
6507	Separability of calcium slow waves and functional connectivity during wake, sleep, and anesthesia. <i>Neurophotonics</i> , 2019, 6, 1.	1.7	31
6508	Deep Parametric Model for Discovering Group-cohesive Functional Brain Regions. , 2020, , 631-639.		1
6509	Heritability estimates on resting state fMRI data using ENIGMA analysis pipeline. , 2018, , .		20
6510	Explainable Classification of Brain Networks via Contrast Subgraphs. , 2020, , .		20
6511	The intrinsic neonatal hippocampal network: rsfMRI findings. <i>Journal of Neurophysiology</i> , 2020, 124, 1458-1468.	0.9	5
6512	A Functional MRI Study of Subjects Recovered From Hemiparetic Stroke. <i>Stroke</i> , 1997, 28, 2518-2527.	1.0	858
6513	Characterization of Seizure Generating and Propagating Regions in Human Focal Epilepsy with Resting State Functional Connectivity MRI. <i>Journal of Neuroscience and Neuroengineering</i> , 2013, 2, 451-459.	0.2	4
6514	Reciprocal Effects of Antidepressant Treatment on Activity and Connectivity of the Mood Regulating Circuit: An fMRI Study. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2007, 19, 274-282.	0.9	95
6515	The Effect of Transcranial Direct Current Stimulation in Changing Resting-State Functional Connectivity in Patients With Neurological Disorders: A Systematic Review. <i>Journal of Central Nervous System Disease</i> , 2020, 12, 117957352097683.	0.7	8
6516	Chapter 11 Imaging the striatum in autism spectrum disorder. , 2016, , 189-218.		1
6517	Altered Dynamic Neural Activity in the Default Mode Network in Lung Cancer Patients After Chemotherapy. <i>Medical Science Monitor</i> , 2020, 26, e921700.	0.5	15

#	ARTICLE	IF	CITATIONS
6518	Advances in the pathophysiology of adult-onset focal dystonias: recent neurophysiological and neuroimaging evidence. F1000Research, 2020, 9, 67.	0.8	7
6519	Advances in the pathophysiology of adult-onset focal dystonias: recent neurophysiological and neuroimaging evidence. F1000Research, 2020, 9, 67.	0.8	19
6520	Noise Issues Prevailing in Various Types of Medical Images. Biomedical and Pharmacology Journal, 2018, 11, 1227-1237.	0.2	68
6521	Imaging the Sleep Deprived Brain: A Brief Review. Su'myeon, 2013, 10, 1-6.	0.2	4
6523	Spectral clustering-based resting-state network detection approach for functional near-infrared spectroscopy. Biomedical Optics Express, 2020, 11, 2191.	1.5	5
6524	Directional changes in information flow between human brain cortical regions after application of anodal transcranial direct current stimulation (tDCS) over Broca's area. Biomedical Optics Express, 2018, 9, 5296.	1.5	21
6525	Resting-State Functional Connectivity Measurement in the Mouse Brain using a Low Cost Photoacoustic Computed Tomography. , 2016, , .		11
6526	Noise during Rest Enables the Exploration of the Brain's Dynamic Repertoire. PLoS Computational Biology, 2008, 4, e1000196.	1.5	507
6527	Formal Models of the Network Co-occurrence Underlying Mental Operations. PLoS Computational Biology, 2016, 12, e1004994.	1.5	73
6528	Modeling of Large-Scale Functional Brain Networks Based on Structural Connectivity from DTI: Comparison with EEG Derived Phase Coupling Networks and Evaluation of Alternative Methods along the Modeling Path. PLoS Computational Biology, 2016, 12, e1005025.	1.5	90
6529	Structure-Function Network Mapping and Its Assessment via Persistent Homology. PLoS Computational Biology, 2017, 13, e1005325.	1.5	35
6530	Multivariate pattern dependence. PLoS Computational Biology, 2017, 13, e1005799.	1.5	39
6531	Imaging of neural oscillations with embedded inferential and group prevalence statistics. PLoS Computational Biology, 2018, 14, e1005990.	1.5	8
6532	Modulation of Brain Resting-State Networks by Sad Mood Induction. PLoS ONE, 2008, 3, e1794.	1.1	181
6533	Normalized Cut Group Clustering of Resting-State fMRI Data. PLoS ONE, 2008, 3, e2001.	1.1	367
6534	Fast Visuomotor Processing of Redundant Targets: The Role of the Right Temporo-Parietal Junction. PLoS ONE, 2008, 3, e2348.	1.1	14
6535	Empirical Comparison of Sources of Variation for FMRI Connectivity Analysis. PLoS ONE, 2008, 3, e3708.	1.1	15
6536	Offline Memory Reprocessing: Involvement of the Brain's Default Network in Spontaneous Thought Processes. PLoS ONE, 2009, 4, e4867.	1.1	28

#	ARTICLE	IF	CITATIONS
6537	Integrating Functional and Diffusion Magnetic Resonance Imaging for Analysis of Structure-Function Relationship in the Human Language Network. PLoS ONE, 2009, 4, e6660.	1.1	56
6538	Disrupted Functional Connectivity with Dopaminergic Midbrain in Cocaine Abusers. PLoS ONE, 2010, 5, e10815.	1.1	106
6539	Your Resting Brain CAREs about Your Risky Behavior. PLoS ONE, 2010, 5, e12296.	1.1	49
6540	Changes in Resting Neural Connectivity during Propofol Sedation. PLoS ONE, 2010, 5, e14224.	1.1	168
6541	Imaging of Functional Connectivity in the Mouse Brain. PLoS ONE, 2011, 6, e16322.	1.1	217
6542	Functional Connectivity fMRI of the Rodent Brain: Comparison of Functional Connectivity Networks in Rat and Mouse. PLoS ONE, 2011, 6, e18876.	1.1	197
6543	Graph Theoretical Analysis of Functional Brain Networks: Test-Retest Evaluation on Short- and Long-Term Resting-State Functional MRI Data. PLoS ONE, 2011, 6, e21976.	1.1	330
6544	Functional Disconnection and Compensation in Mild Cognitive Impairment: Evidence from DLPFC Connectivity Using Resting-State fMRI. PLoS ONE, 2011, 6, e22153.	1.1	144
6545	Driving and Driven Architectures of Directed Small-World Human Brain Functional Networks. PLoS ONE, 2011, 6, e23460.	1.1	61
6547	Spontaneous Hemodynamic Oscillations during Human Sleep and Sleep Stage Transitions Characterized with Near-Infrared Spectroscopy. PLoS ONE, 2011, 6, e25415.	1.1	32
6548	Robust Reproducible Resting State Networks in the Awake Rodent Brain. PLoS ONE, 2011, 6, e25701.	1.1	117
6549	Resting-State Brain Organization Revealed by Functional Covariance Networks. PLoS ONE, 2011, 6, e28817.	1.1	65
6550	Resting-State Brain Activity in Adult Males Who Stutter. PLoS ONE, 2012, 7, e30570.	1.1	68
6551	Auditory Resting-State Network Connectivity in Tinnitus: A Functional MRI Study. PLoS ONE, 2012, 7, e36222.	1.1	193
6552	5-HTTLPR Polymorphism Impacts Task-Evoked and Resting-State Activities of the Amygdala in Han Chinese. PLoS ONE, 2012, 7, e36513.	1.1	21
6553	The Baseline and Longitudinal Changes of PCC Connectivity in Mild Cognitive Impairment: A Combined Structure and Resting-State fMRI Study. PLoS ONE, 2012, 7, e36838.	1.1	73
6554	Reduction in Inter-Hemispheric Connectivity in Disorders of Consciousness. PLoS ONE, 2012, 7, e37238.	1.1	48
6555	Selective Impairments of Resting-State Networks in Minimal Hepatic Encephalopathy. PLoS ONE, 2012, 7, e37400.	1.1	67

#	ARTICLE	IF	CITATIONS
6556	Resting-State Multi-Spectrum Functional Connectivity Networks for Identification of MCI Patients. PLoS ONE, 2012, 7, e37828.	1.1	127
6557	Altered Small-World Efficiency of Brain Functional Networks in Acupuncture at ST36: A Functional MRI Study. PLoS ONE, 2012, 7, e39342.	1.1	34
6559	Altered Regional Homogeneity in the Development of Minimal Hepatic Encephalopathy: A Resting-State Functional MRI Study. PLoS ONE, 2012, 7, e42016.	1.1	45
6560	Cortico-Cardio-Respiratory Network Interactions during Anesthesia. PLoS ONE, 2012, 7, e44634.	1.1	10
6561	Structural and Functional Changes in Subcortical Vascular Mild Cognitive Impairment: A Combined Voxel-Based Morphometry and Resting-State fMRI Study. PLoS ONE, 2012, 7, e44758.	1.1	97
6562	Resting-State Functional Connectivity Patterns Predict Chinese Word Reading Competency. PLoS ONE, 2012, 7, e44848.	1.1	23
6563	Patterns of Spontaneous Brain Activity in Amyotrophic Lateral Sclerosis: A Resting-State fMRI Study. PLoS ONE, 2012, 7, e45470.	1.1	58
6564	Revealing Topological Organization of Human Brain Functional Networks with Resting-State Functional near Infrared Spectroscopy. PLoS ONE, 2012, 7, e45771.	1.1	85
6565	Dynamic Changes of Intrinsic Brain Activity in Cirrhotic Patients after Transjugular Intrahepatic Portosystemic Shunt: A Resting-State fMRI Study. PLoS ONE, 2012, 7, e46681.	1.1	10
6566	Early Altered Resting-State Functional Connectivity Predicts the Severity of Post-Traumatic Stress Disorder Symptoms in Acutely Traumatized Subjects. PLoS ONE, 2012, 7, e46833.	1.1	80
6567	Automatic Classification of Early Parkinson's Disease with Multi-Modal MR Imaging. PLoS ONE, 2012, 7, e47714.	1.1	124
6568	Amplitude of Low-Frequency Oscillations in First-Episode, Treatment-Naive Patients with Major Depressive Disorder: A Resting-State Functional MRI Study. PLoS ONE, 2012, 7, e48658.	1.1	157
6569	Quantifying Agreement between Anatomical and Functional Interhemispheric Correspondences in the Resting Brain. PLoS ONE, 2012, 7, e48847.	1.1	25
6570	Aberrant Resting-State Corticostriatal Functional Connectivity in Cirrhotic Patients with Hyperintense Globus Pallidus on T1-Weighted MR Imaging. PLoS ONE, 2012, 7, e48886.	1.1	14
6571	Aberrant Whole-Brain Functional Connectivity and Intelligence Structure in Children with Primary Nocturnal Enuresis. PLoS ONE, 2013, 8, e51924.	1.1	25
6572	fMRI Resting Slow Fluctuations Correlate with the Activity of Fast Cortico-Cortical Physiological Connections. PLoS ONE, 2012, 7, e52660.	1.1	10
6573	Patterns in Cortical Connectivity for Determining Outcomes in Hand Function after Subcortical Stroke. PLoS ONE, 2012, 7, e52727.	1.1	59
6574	Functional Network Endophenotypes Unravel the Effects of Apolipoprotein E Epsilon 4 in Middle-Aged Adults. PLoS ONE, 2013, 8, e55902.	1.1	50

#	ARTICLE	IF	CITATIONS
6575	Altered Regional Homogeneity in Pediatric Bipolar Disorder during Manic State: A Resting-State fMRI Study. PLoS ONE, 2013, 8, e57978.	1.1	41
6576	Iterative Cross-Correlation Analysis of Resting State Functional Magnetic Resonance Imaging Data. PLoS ONE, 2013, 8, e58653.	1.1	4
6577	Changes of Functional and Effective Connectivity in Smoking Replenishment on Deprived Heavy Smokers: A Resting-State fMRI Study. PLoS ONE, 2013, 8, e59331.	1.1	74
6578	Altered Default Network Resting-State Functional Connectivity in Adolescents with Internet Gaming Addiction. PLoS ONE, 2013, 8, e59902.	1.1	111
6579	Task-Free Functional MRI in Cervical Dystonia Reveals Multi-Network Changes That Partially Normalize with Botulinum Toxin. PLoS ONE, 2013, 8, e62877.	1.1	112
6580	Structural and Functional Connectivity Changes in the Brain Associated with Shyness but Not with Social Anxiety. PLoS ONE, 2013, 8, e63151.	1.1	19
6581	Aberrant Functional Organization within and between Resting-State Networks in AD. PLoS ONE, 2013, 8, e63727.	1.1	51
6582	Higher Frequency Network Activity Flow Predicts Lower Frequency Node Activity in Intrinsic Low-Frequency BOLD Fluctuations. PLoS ONE, 2013, 8, e64466.	1.1	27
6583	Stress Impact on Resting State Brain Networks. PLoS ONE, 2013, 8, e66500.	1.1	105
6584	Turbo-FLASH Based Arterial Spin Labeled Perfusion MRI at 7 T. PLoS ONE, 2013, 8, e66612.	1.1	43
6585	Effects of Preterm Birth on Intrinsic Fluctuations in Neonatal Cerebral Activity Examined Using Optical Imaging. PLoS ONE, 2013, 8, e67432.	1.1	49
6586	Effects of White Matter Injury on Resting State fMRI Measures in Prematurely Born Infants. PLoS ONE, 2013, 8, e68098.	1.1	103
6587	The Effect of Criticism on Functional Brain Connectivity and Associations with Neuroticism. PLoS ONE, 2013, 8, e69606.	1.1	26
6588	Stability of Whole Brain and Regional Network Topology within and between Resting and Cognitive States. PLoS ONE, 2013, 8, e70275.	1.1	32
6589	Altered Pattern of Spontaneous Brain Activity in the Patients with End-Stage Renal Disease: A Resting-State Functional MRI Study with Regional Homogeneity Analysis. PLoS ONE, 2013, 8, e71507.	1.1	38
6590	Similar Brain Activation during False Belief Tasks in a Large Sample of Adults with and without Autism. PLoS ONE, 2013, 8, e75468.	1.1	166
6591	Spatio-Temporal Correlation Tensors Reveal Functional Structure in Human Brain. PLoS ONE, 2013, 8, e82107.	1.1	101
6592	Imaging of an Inflammatory Injury in the Newborn Rat Brain with Photoacoustic Tomography. PLoS ONE, 2013, 8, e83045.	1.1	24

#	ARTICLE	IF	CITATIONS
6593	The Default Mode Network and EEG Regional Spectral Power: A Simultaneous fMRI-EEG Study. PLoS ONE, 2014, 9, e88214.	1.1	121
6594	Altered Causal Connectivity of Resting State Brain Networks in Amnesic MCI. PLoS ONE, 2014, 9, e88476.	1.1	48
6595	Assessment of Unconstrained Cerebrovascular Reactivity Marker for Large Age-Range fMRI Studies. PLoS ONE, 2014, 9, e88751.	1.1	41
6596	Spontaneous BOLD Signal Fluctuations in Young Healthy Subjects and Elderly Patients with Chronic Kidney Disease. PLoS ONE, 2014, 9, e92539.	1.1	31
6597	The Spectral Diversity of Resting-State Fluctuations in the Human Brain. PLoS ONE, 2014, 9, e93375.	1.1	76
6598	Altered Regional and Circuit Resting-State Activity Associated with Unilateral Hearing Loss. PLoS ONE, 2014, 9, e96126.	1.1	54
6599	Alterations in Low-Level Perceptual Networks Related to Clinical Severity in PTSD after an Earthquake: A Resting-State fMRI Study. PLoS ONE, 2014, 9, e96834.	1.1	74
6600	A Correspondence between Individual Differences in the Brain's Intrinsic Functional Architecture and the Content and Form of Self-Generated Thoughts. PLoS ONE, 2014, 9, e97176.	1.1	134
6601	Altered Resting-State fMRI Signals in Acute Stroke Patients with Ischemic Penumbra. PLoS ONE, 2014, 9, e105117.	1.1	22
6602	GABA Concentration in Posterior Cingulate Cortex Predicts Putamen Response during Resting State fMRI. PLoS ONE, 2014, 9, e106609.	1.1	24
6603	Modafinil Alters Intrinsic Functional Connectivity of the Right Posterior Insula: A Pharmacological Resting State fMRI Study. PLoS ONE, 2014, 9, e107145.	1.1	25
6604	The Role of Resting State Networks in Focal Neocortical Seizures. PLoS ONE, 2014, 9, e107401.	1.1	19
6605	Selective Vulnerability Related to Aging in Large-Scale Resting Brain Networks. PLoS ONE, 2014, 9, e108807.	1.1	42
6606	Altered Resting-State Connectivity in College Students with Nonclinical Depressive Symptoms. PLoS ONE, 2014, 9, e114603.	1.1	36
6607	Effects of Low Doses of Pioglitazone on Resting-State Functional Connectivity in Conscious Rat Brain. PLoS ONE, 2015, 10, e0117973.	1.1	23
6608	Altered Hemodynamic Activity in Conduct Disorder: A Resting-State fMRI Investigation. PLoS ONE, 2015, 10, e0122750.	1.1	25
6609	Adaptation of Brain Functional and Structural Networks in Aging. PLoS ONE, 2015, 10, e0123462.	1.1	25
6610	Resting State-fMRI with ReHo Analysis as a Non-Invasive Modality for the Prognosis of Cirrhotic Patients with Overt Hepatic Encephalopathy. PLoS ONE, 2015, 10, e0126834.	1.1	18

#	ARTICLE	IF	CITATIONS
6611	Spontaneous Activity Associated with Delusions of Schizophrenia in the Left Medial Superior Frontal Gyrus: A Resting-State fMRI Study. PLoS ONE, 2015, 10, e0133766.	1.1	37
6612	Functional Connectivity Alterations in Epilepsy from Resting-State Functional MRI. PLoS ONE, 2015, 10, e0134944.	1.1	32
6613	Functional Organization of the Action Observation Network in Autism: A Graph Theory Approach. PLoS ONE, 2015, 10, e0137020.	1.1	31
6614	Acute Modulation of Brain Connectivity in Parkinson Disease after Automatic Mechanical Peripheral Stimulation: A Pilot Study. PLoS ONE, 2015, 10, e0137977.	1.1	24
6615	Task-switching Cost and Intrinsic Functional Connectivity in the Human Brain: Toward Understanding Individual Differences in Cognitive Flexibility. PLoS ONE, 2015, 10, e0145826.	1.1	27
6616	Physiological Contribution in Spontaneous Oscillations: An Approximate Quality-Assurance Index for Resting-State fMRI Signals. PLoS ONE, 2016, 11, e0148393.	1.1	6
6617	Alterations in Cortical Sensorimotor Connectivity following Complete Cervical Spinal Cord Injury: A Prospective Resting-State fMRI Study. PLoS ONE, 2016, 11, e0150351.	1.1	52
6618	Exploiting Complexity Information for Brain Activation Detection. PLoS ONE, 2016, 11, e0152418.	1.1	6
6619	Lateralized Resting-State Functional Brain Network Organization Changes in Heart Failure. PLoS ONE, 2016, 11, e0155894.	1.1	12
6620	Cognition and the Default Mode Network in Children with Sickle Cell Disease: A Resting State Functional MRI Study. PLoS ONE, 2016, 11, e0157090.	1.1	24
6621	Choosing Wavelet Methods, Filters, and Lengths for Functional Brain Network Construction. PLoS ONE, 2016, 11, e0157243.	1.1	92
6622	Frequency Specificity of fMRI in Mesial Temporal Lobe Epilepsy. PLoS ONE, 2016, 11, e0157342.	1.1	9
6623	Task-Related Edge Density (TED) – A New Method for Revealing Dynamic Network Formation in fMRI Data of the Human Brain. PLoS ONE, 2016, 11, e0158185.	1.1	10
6624	Temporal Non-Local Means Filtering Reveals Real-Time Whole-Brain Cortical Interactions in Resting fMRI. PLoS ONE, 2016, 11, e0158504.	1.1	27
6625	Functional Connectivity with the Default Mode Network Is Altered in Fibromyalgia Patients. PLoS ONE, 2016, 11, e0159198.	1.1	54
6626	Moderate-Heavy Alcohol Consumption Lifestyle in Older Adults Is Associated with Altered Central Executive Network Community Structure during Cognitive Task. PLoS ONE, 2016, 11, e0160214.	1.1	24
6627	Distinction between Neural and Vascular BOLD Oscillations and Intertwined Heart Rate Oscillations at 0.1 Hz in the Resting State and during Movement. PLoS ONE, 2017, 12, e0168097.	1.1	19
6628	Multiband multi-echo imaging of simultaneous oxygenation and flow timeseries for resting state connectivity. PLoS ONE, 2017, 12, e0169253.	1.1	23

#	ARTICLE	IF	CITATIONS
6629	Time-varying spectral power of resting-state fMRI networks reveal cross-frequency dependence in dynamic connectivity. PLoS ONE, 2017, 12, e0171647.	1.1	21
6630	Multimodal MR-imaging reveals large-scale structural and functional connectivity changes in profound early blindness. PLoS ONE, 2017, 12, e0173064.	1.1	40
6631	Altered cortical and subcortical connectivity due to infrasound administered near the hearing threshold – Evidence from fMRI. PLoS ONE, 2017, 12, e0174420.	1.1	22
6632	Amplitude of low-frequency fluctuations in first-episode, drug-naïve depressive patients: A 5-year retrospective study. PLoS ONE, 2017, 12, e0174564.	1.1	17
6633	Fronto-temporal interactions are functionally relevant for semantic control in language processing. PLoS ONE, 2017, 12, e0177753.	1.1	8
6634	Reproducibility of frequency-dependent low frequency fluctuations in reaction time over time and across tasks. PLoS ONE, 2017, 12, e0184476.	1.1	8
6635	Contrasting resting-state fMRI abnormalities from sickle and non-sickle anemia. PLoS ONE, 2017, 12, e0184860.	1.1	22
6636	Reduced resting state connectivity and gray matter volume correlate with cognitive impairment in minimal hepatic encephalopathy. PLoS ONE, 2017, 12, e0186463.	1.1	22
6637	Vagal nerve stimulation triggers widespread responses and alters large-scale functional connectivity in the rat brain. PLoS ONE, 2017, 12, e0189518.	1.1	51
6638	Dynamic brain-body coupling of breath-by-breath O ₂ -CO ₂ exchange ratio with resting state cerebral hemodynamic fluctuations. PLoS ONE, 2020, 15, e0238946.	1.1	8
6639	Functional connectivity of white matter as a biomarker of cognitive decline in Alzheimer’s disease. PLoS ONE, 2020, 15, e0240513.	1.1	33
6640	Between-module functional connectivity of the salient ventral attention network and dorsal attention network is associated with motor inhibition. PLoS ONE, 2020, 15, e0242985.	1.1	17
6641	A comparison of the effectiveness of functional MRI analysis methods for pain research: The new normal. PLoS ONE, 2020, 15, e0243723.	1.1	11
6642	Resting-state functional connectivity abnormalities in patients with obsessive-compulsive disorder and their healthy first-degree relatives. Journal of Psychiatry and Neuroscience, 2014, 39, 304-311.	1.4	128
6643	Machine learning (ML) for the diagnosis of autism spectrum disorder (ASD) using brain imaging. Reviews in the Neurosciences, 2020, 31, 825-841.	1.4	106
6644	Topographical Organization of Attentional, Social, and Memory Processes in the Human Temporoparietal Cortex. ENeuro, 2016, 3, ENEURO.0060-16.2016.	0.9	43
6645	Large-Scale Network Coupling with the Fusiform Cortex Facilitates Future Social Motivation. ENeuro, 2017, 4, ENEURO.0084-17.2017.	0.9	18
6646	Novel Intrinsic Ignition Method Measuring Local-Global Integration Characterizes Wakefulness and Deep Sleep. ENeuro, 2017, 4, ENEURO.0106-17.2017.	0.9	47

#	ARTICLE	IF	CITATIONS
6647	From State-to-Trait Meditation: Reconfiguration of Central Executive and Default Mode Networks. <i>ENeuro</i> , 2019, 6, ENEURO.0335-18.2019.	0.9	42
6648	Sleep-State Dependent Alterations in Brain Functional Connectivity under Urethane Anesthesia in a Rat Model of Early-Stage Parkinson's Disease. <i>ENeuro</i> , 2019, 6, ENEURO.0456-18.2019.	0.9	9
6649	Functional Connectome Analyses Reveal the Human Olfactory Network Organization. <i>ENeuro</i> , 2020, 7, ENEURO.0551-19.2020.	0.9	19
6650	Elevated resting-state connectivity in the medial temporal lobe and the prefrontal cortex among patients with Cushing's syndrome in remission. <i>European Journal of Endocrinology</i> , 2019, 180, 329-338.	1.9	12
6651	Resting state fMRI connectivity analysis as a tool for detection of abnormalities in five different cognitive networks of the brain in MS patients. <i>Clinical Case Reports and Reviews</i> , 2016, 2, 464-471.	0.1	10
6653	Addiction Treatment in America: After Money or Aftercare?. <i>Journal of Reward Deficiency Syndrome</i> , 2015, 01, 87-94.	1.0	14
6654	Disrupted small-world brain network topology in pure conduct disorder. <i>Oncotarget</i> , 2017, 8, 65506-65524.	0.8	17
6655	Altered resting-state functional activity in isolated pontine infarction patients with pathological laughing and crying. <i>Oncotarget</i> , 2017, 8, 84529-84539.	0.8	3
6656	Altered network efficiency of functional brain networks in patients with breast cancer after chemotherapy. <i>Oncotarget</i> , 2017, 8, 105648-105661.	0.8	21
6657	Impaired Functional Connectivity of the Thalamus in Alzheimer's Disease and Mild Cognitive Impairment: A Resting-State fMRI Study. <i>Current Alzheimer Research</i> , 2013, 10, 754-766.	0.7	106
6658	Absolute Oxygenation Metabolism Measurements Using Magnetic Resonance Imaging. <i>Open Neuroimaging Journal</i> , 2011, 5, 120-135.	0.2	2
6659	Combining Graph and Machine Learning Methods to Analyze Differences in Functional Connectivity Across Sex. <i>Open Neuroimaging Journal</i> , 2012, 6, 1-9.	0.2	30
6660	Consciousness, Functional Networks and Delirium Screening. <i>Current Aging Science</i> , 2017, 10, 122-128.	0.4	9
6661	Functional Magnetic Resonance Imaging Biomarkers Predicting Cognitive Progression in Parkinson Disease: Protocol for a Prospective Longitudinal Cohort Study. <i>JMIR Research Protocols</i> , 2019, 8, e12870.	0.5	4
6662	Validation of corpus callosotomy after laser interstitial thermal therapy: a multimodal approach. <i>Journal of Neurosurgery</i> , 2019, 131, 1095-1105.	0.9	18
6663	Mapping cognitive and emotional networks in neurosurgical patients using resting-state functional magnetic resonance imaging. <i>Neurosurgical Focus</i> , 2020, 48, E9.	1.0	36
6664	Normalization of aberrant pretherapeutic dynamic functional connectivity of extrastriate visual system in patients who underwent thalamotomy with stereotactic radiosurgery for essential tremor: a resting-state functional MRI study. <i>Journal of Neurosurgery</i> , 2020, 132, 1792-1801.	0.9	19
6665	Resting-state network mapping in neurosurgical practice: a review. <i>Neurosurgical Focus</i> , 2019, 47, E15.	1.0	26

#	ARTICLE	IF	CITATIONS
6666	Animal models and high field imaging and spectroscopy. Dialogues in Clinical Neuroscience, 2013, 15, 263-278.	1.8	19
6667	Structure and function of complex brain networks. Dialogues in Clinical Neuroscience, 2013, 15, 247-262.	1.8	618
6669	Posterior Cingulate Cortex Network Predicts Alzheimer's Disease Progression. Frontiers in Aging Neuroscience, 2020, 12, 608667.	1.7	20
6670	Distinct neural signatures detected for ADHD subtypes after controlling for micro-movements in resting state functional connectivity MRI data. Frontiers in Systems Neuroscience, 2012, 6, 80.	1.2	390
6671	Functional brain networks in schizophrenia: a review. Frontiers in Human Neuroscience, 2009, 3, 17.	1.0	234
6674	Brain burst suppression activity.. Psychology and Neuroscience, 2014, 7, 531-543.	0.5	5
6675	Changes in the default mode network in the prefrontal lobe, posterior cingulated cortex and hippocampus of heroin users. Neural Regeneration Research, 2012, 7, 1386-91.	1.6	6
6676	Methods and utility of EEG-fMRI in epilepsy. Quantitative Imaging in Medicine and Surgery, 2015, 5, 300-12.	1.1	33
6677	The Endogenously Active Brain: The Need for an Alternative Cognitive Architecture. Philosophia Scientiae, 2013, , 3-30.	0.1	7
6678	Changes in brain functional network connectivity after stroke. Neural Regeneration Research, 2014, 9, 51.	1.6	25
6679	Resting-state connectivity in the default mode network and insula during experimental low back pain. Neural Regeneration Research, 2014, 9, 135.	1.6	36
6680	Resting-state network complexity and magnitude changes in neonates with severe hypoxic ischemic encephalopathy. Neural Regeneration Research, 2019, 14, 642.	1.6	13
6681	The development of brain functional connectivity networks revealed by resting-state functional magnetic resonance imaging. Neural Regeneration Research, 2019, 14, 1419.	1.6	9
6682	Alteration of functional connectivity in patients with Alzheimer's disease revealed by resting-state functional magnetic resonance imaging. Neural Regeneration Research, 2020, 15, 285.	1.6	23
6683	Functional neuroimaging in trigeminal autonomic cephalalgias. Annals of Indian Academy of Neurology, 2018, 21, 51.	0.2	8
6684	Functional MRI in Patients with the C9ORF72 Expansion associate Frontotemporal Dementia. Molecular Biology (Los Angeles, Calif), 2014, 03, .	0.0	3
6685	Reduced Interhemispheric Resting-State Functional Homotopy in Obsessive-Compulsive Disorder. Neuropsychiatry, 2018, 08, .	0.4	4
6686	Impact of Cannabis Use on Brain Structure and Function in Suppressed HIV Infection. Journal of Behavioral and Brain Science, 2020, 10, 344-370.	0.2	12

#	ARTICLE	IF	CITATIONS
6687	Stimulating brain tissue with bright light alters functional connectivity in brain at the resting state. World Journal of Neuroscience, 2012, 02, 81-90.	0.1	23
6688	Statistical parametric mapping (SPM). Scholarpedia Journal, 2008, 3, 6232.	0.3	56
6689	Disruption of Orbitofronto-Striatal Functional Connectivity Underlies Maladaptive Persistent Behaviors in Alcohol-Dependent Patients. Psychiatry Investigation, 2013, 10, 266.	0.7	17
6690	Analysis of Altered Baseline Brain Activity in Drug-Naive Adult Patients with Social Anxiety Disorder Using Resting-State Functional MRI. Psychiatry Investigation, 2015, 12, 372.	0.7	46
6691	Frontoparietal Cortical Thinning in Respiratory-Type Panic Disorder: A Preliminary Report. Psychiatry Investigation, 2016, 13, 146.	0.7	6
6692	Why fish do not feel pain. Animal Sentience, 2016, 1, .	0.3	77
6693	Change of Brain Functional Connectivity in Patients With Spinal Cord Injury: Graph Theory Based Approach. Annals of Rehabilitation Medicine, 2015, 39, 374.	0.6	28
6694	A SPATIAL SCAN STATISTIC FOR COMPOUND POISSON DATA, USING NEGATIVE BINOMIAL DISTRIBUTION AND ACCOUNTING FOR POPULATION STRATIFICATION. Statistica Sinica, 2015, 25, 295-312.	0.2	13
6695	Study of multiscale entropy model to evaluate the cognitive behavior of healthy elderly people based on resting state functional magnetic resonance imaging. Wuli Xuebao/Acta Physica Sinica, 2020, 69, 108703.	0.2	1
6696	Resting state functional connectivity in the human spinal cord. ELife, 2014, 3, e02812.	2.8	97
6697	Widespread correlation patterns of fMRI signal across visual cortex reflect eccentricity organization. ELife, 2015, 4, .	2.8	48
6698	Normalisation of brain connectivity through compensatory behaviour, despite congenital hand absence. ELife, 2015, 4, .	2.8	41
6699	A hierarchical, retinotopic proto-organization of the primate visual system at birth. ELife, 2017, 6, .	2.8	132
6700	Cortex-wide BOLD fMRI activity reflects locally-recorded slow oscillation-associated calcium waves. ELife, 2017, 6, .	2.8	85
6701	The relationship between spatial configuration and functional connectivity of brain regions revisited. ELife, 2019, 8, .	2.8	64
6702	Network-wide abnormalities explain memory variability in hippocampal amnesia. ELife, 2019, 8, .	2.8	30
6703	Static and dynamic alterations in the amplitude of low-frequency fluctuation in patients with amyotrophic lateral sclerosis. PeerJ, 2020, 8, e10052.	0.9	14
6704	Assessment of brain functional connectome alternations and correlation with depression and anxiety in major depressive disorders. PeerJ, 2017, 5, e3147.	0.9	25

#	ARTICLE	IF	CITATIONS
6705	Modulatory interactions between the default mode network and task positive networks in resting-state. PeerJ, 2014, 2, e367.	0.9	82
6706	One pair of hands is not like another: caudate BOLD response in dogs depends on signal source and canine temperament. PeerJ, 2014, 2, e596.	0.9	34
6707	Brain structural and functional changes in patients with major depressive disorder: a literature review. PeerJ, 2019, 7, e8170.	0.9	57
6708	Flexible Brain Transitions Between Hierarchical Network Segregation and Integration Associated With Cognitive Performance During a Multisource Interference Task. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 1835-1846.	3.9	12
6709	New Horizons in Brain Science. Creative Economy, 2021, , 291-310.	0.1	0
6710	White Matter Functional Connectivity in Resting-State fMRI: Robustness, Reliability, and Relationships to Gray Matter. Cerebral Cortex, 2022, 32, 1547-1559.	1.6	36
6712	fMRI and Other Neuroimaging Methods. , 2021, , .		1
6713	What We Should Not Forget about Down Syndrome. Neurographics, 2021, 11, 149-165.	0.0	0
6715	Cannabis use and resting state functional connectivity in adolescent bipolar disorder. Journal of Psychiatry and Neuroscience, 2021, 46, E559-E567.	1.4	4
6717	Multifractal Functional Connectivity Analysis of Electroencephalogram Reveals Reorganization of Brain Networks in a Visual Pattern Recognition Paradigm. Frontiers in Human Neuroscience, 2021, 15, 740225.	1.0	6
6718	Amplitude of Low-Frequency Fluctuation in Multiple Frequency Bands in Tension-Type Headache Patients: A Resting-State Functional Magnetic Resonance Imaging Study. Frontiers in Neuroscience, 2021, 15, 742973.	1.4	6
6719	Brain Injury and Mental Health Among the Victims of Intimate Partner Violence: A Case-Series Exploratory Study. Frontiers in Psychology, 2021, 12, 710602.	1.1	7
6720	Shared Patterns of Brain Functional Connectivity for the Comorbidity between Migraine and Insomnia. Biomedicines, 2021, 9, 1420.	1.4	8
6721	Alterations of Regional Homogeneity in Children With Congenital Sensorineural Hearing Loss: A Resting-State fMRI Study. Frontiers in Neuroscience, 2021, 15, 678910.	1.4	4
6722	Clinical correlates of hypothalamic functional changes in migraine patients. Cephalalgia, 2022, 42, 279-290.	1.8	14
6724	Inter-species cortical registration between macaques and humans using a functional network property under a spherical demons framework. PLoS ONE, 2021, 16, e0258992.	1.1	0
6725	Aberrant Functional Connectivity of the Posterior Cingulate Cortex in Type 2 Diabetes Without Cognitive Impairment and Microvascular Complications. Frontiers in Endocrinology, 2021, 12, 722861.	1.5	10
6726	Imbalanced basal ganglia connectivity is associated with motor deficits and apathy in Huntington's disease. Brain, 2022, 145, 991-1000.	3.7	11

#	ARTICLE	IF	CITATIONS
6728	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.	1.0	10
6729	Is it time to put rest to rest?. <i>Trends in Cognitive Sciences</i> , 2021, 25, 1021-1032.	4.0	114
6730	Population modeling with machine learning can enhance measures of mental health. <i>GigaScience</i> , 2021, 10, .	3.3	23
6733	Fullerene-Filtered Light Spectrum and Fullerenes Modulate Emotional and Pain Processing in Mice. <i>Symmetry</i> , 2021, 13, 2004.	1.1	5
6734	Exploring EEG electroencephalography with a model inspired by quantum mechanics. <i>Scientific Reports</i> , 2021, 11, 19771.	1.6	1
6735	Resting-state functional reorganisation in Alzheimer's disease and amnesic mild cognitive impairment: protocol for a systematic review and meta-analysis. <i>BMJ Open</i> , 2021, 11, e049798.	0.8	4
6736	Alterations of spontaneous brain activity in systematic lupus erythematosus patients without neuropsychiatric symptoms: A resting-functional MRI study. <i>Lupus</i> , 2021, 30, 1781-1789.	0.8	3
6737	Evidence for exercise-related plasticity in functional and structural neural network connectivity. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 131, 923-940.	2.9	42
6738	Breakdown of specific functional brain networks in clinical variants of Alzheimer's disease. <i>Ageing Research Reviews</i> , 2021, 72, 101482.	5.0	21
6739	Clinical applications of magnetic resonance imaging based functional and structural connectivity. <i>NeuroImage</i> , 2021, 244, 118649.	2.1	21
6740	Cortical Excitability and Connectivity Reflected in fMRI, MEG, EEG, and TMS. <i>Medical Radiology</i> , 2000, , 453-463.	0.0	2
6741	Functional MRI in Neurology. <i>Medical Radiology</i> , 2000, , 475-486.	0.0	2
6743	Functional Connectivity. , 2004, , 999-1018.		1
6744	Spike Sorting. , 2007, , 257-270.		0
6745	PET and fMRI. , 2007, , 294-312.		0
6746	Statistical Protocols. , 2007, , 148-183.		0
6747	Electro- and Magnetoencephalography. , 2007, , 271-293.		0
6748	Methodological Considerations. , 2007, , 40-48.		0

#	ARTICLE	IF	CITATIONS
6750	Why Study Brain Dynamics?. , 2007, , 3-13.		0
6751	Theoretical Accounts of the Nervous System. , 2007, , 14-26.		0
6752	Local Regression and Likelihood. , 2007, , 323-332.		0
6754	Entropy and Mutual Information. , 2007, , 333-341.		0
6755	Engineering Theories and Nervous System Function. , 2007, , 27-39.		0
6756	Image Quality Issues. , 2009, , 173-199.		0
6758	Magnetic Resonance Imaging of Pharmacological Systems. , 2010, , 91-104.		0
6759	Functional Magnetic Resonance Imaging in Drug Development. , 2010, , 67-89.		0
6760	Correlation Analysis during Resting State of the Whole Head with Near-Infrared Spectroscopy. , 2010, , .		0
6761	Low Frequency Fluctuation Component Analysis in Active Stimulation fMRI Paradigm. Journal of the Korean Society of Magnetic Resonance in Medicine, 2010, 14, 115.	0.1	1
6762	Cognitive Deficits in Neurodegenerative Disorders: Parkinsonâ€™s Disease and Alzheimerâ€™s Disease. Advances in Neurobiology, 2011, , 243-292.	1.3	0
6763	Functional Neuroradiology of Psychiatric Diseases. , 2011, , 261-271.		0
6764	Introduction to Brain Imaging. Biological and Medical Physics Series, 2011, , 41-68.	0.3	1
6765	Functional Connectivity MR Imaging. , 2011, , 355-371.		4
6767	Funktionelle kortikale Korrelate der Handfunktion. , 2011, , 415-432.		0
6768	arf3DS4: An Integrated Framework for Localization and Connectivity Analysis of fMRI Data. Journal of Statistical Software, 2011, 44, .	1.8	4
6769	Intrinsic Activity and Consciousness. Research and Perspectives in Neurosciences, 2011, , 147-160.	0.4	0
6770	MRI of Neurological Damage in Rats and Mice. Neuromethods, 2011, , 135-149.	0.2	0

#	ARTICLE	IF	CITATIONS
6771	Understanding the abnormal brain activity in epilepsy as a potential predictor of the onset of an epileptic seizure. ANZIAM Journal, 0, 51, 36.	0.0	0
6772	An MCMC-Based Analysis of a Multilevel Model for Functional MRI Data. Chapman & Hall/CRC Interdisciplinary Statistics Series, 2011, , 363-382.	0.4	2
6773	Management of Epilepsy - Research, Results and Treatment. , 2011, , .		3
6777	A Hybrid Point-Sets Clustering Approach to Identification of Resting State Functional Network. Communications in Computer and Information Science, 2012, , 350-358.	0.4	0
6778	Advanced Magnetic Resonance Neuroimaging Techniques in the Neonate with a Focus on Hemodynamic-Related Brain Injury. , 2012, , 187-198.		0
6780	Statistical Learning for Resting-State fMRI: Successes and Challenges. Lecture Notes in Computer Science, 2012, , 172-177.	1.0	1
6781	Effects of Cortical Stimulation on Cortical Functional Connectivity: Imaging Studies. , 2012, , 71-91.		0
6782	Functional MRI of Neural Plasticity and Drug Effect in the Brain. Advances in Intelligent and Soft Computing, 2012, , 17-25.	0.2	0
6783	Study on Resting-State Functional Connectivity of Rat Sensorimotor System*. Progress in Biochemistry and Biophysics, 2012, 39, 519-524.	0.3	0
6784	Cluster headache and the hypothalamus " causal relationship or epiphenomenon?. Headache Medicine, 0, , 188-197.	0.1	0
6785	fMRI in Parkinson's Disease. , 2013, , 227-238.		0
6787	Resting-State-fMRT. , 2013, , 229-256.		1
6788	Apport de l'imagerie par r�sonance magn�tique dans la maladie d'Alzheimer. , 2013, , 45-61.		0
6789	Changes of Motor Deactivation Regions in Patients with Intracranial Lesions. Journal of Korean Neurosurgical Society, 2013, 54, 453.	0.5	1
6790	Research on Electromagnetic Coupling Artificial Neural Network with Spatial Topology. Lecture Notes in Computer Science, 2013, , 57-65.	1.0	0
6791	Neuroimaging Modalities. , 2013, , 1-22.		1
6792	An Improved ICA Method on Resting State fMRI Data Analysis. , 2013, , .		0
6795	MRI Methods Applied to Stroke. , 2014, , 257-281.		0

#	ARTICLE	IF	CITATIONS
6796	Changes of Regional Homogeneity and Amplitude of Low Frequency Fluctuation on Resting-State Induced by Acupuncture. Korean Journal of Acupuncture, 2013, 30, 161-170.	0.1	0
6797	Elementary Principles in Cognitive Systems Modeling. , 2014, , 65-84.		0
6798	Research Tools and Paradigms. , 2014, , 1-10.		0
6799	The Shift Towards Structure. , 2014, , 85-95.		0
6800	A General Framework for Representation. , 2014, , 97-108.		0
6802	The Categorical Imperative: Category Theory in Cognitive and Brain Science. , 2014, , 33-63.		0
6803	From Cells to Memories: A Categorical Approach. , 2014, , 161-166.		0
6806	Spontaneous Activity, Models of. , 2014, , 1-5.		0
6807	Magnetoencephalography in the study of brain dynamics. Functional Neurology, 0, , .	1.3	6
6808	Influence of Scan Duration on the Reliability of Resting-State fMRI Regional Homogeneity. Communications in Computer and Information Science, 2014, , 402-408.	0.4	0
6810	Analysis of Brain Networks during Resting State with Near-Infrared Spectroscopy. , 2014, , .		0
6811	Rationale for Neurofeedback Training in Children with Autism. , 2014, , 439-460.		1
6812	Large Scale Brain Networks of Neural Fields. , 2014, , 417-432.		3
6813	Spontaneous FAD Dynamics Reveal Functional Connectivity Patterns In Mice. , 2014, , .		0
6814	Recent Advances in Neuroimaging Analysis. Journal of the Nihon University Medical Association, 2014, 73, 112-115.	0.0	0
6815	Altered Brain Development: Delay in Emergence of Self-Representation in Children with ASD. , 2014, , 2903-2922.		0
6816	Physiological Noise Modeling and Analysis for Spinal Cord fMRI. , 2014, , 240-257.		2
6817	Towards the Understanding of Healthy and Pathological Aging Through MEG. , 2014, , 609-640.		0

#	ARTICLE	IF	CITATIONS
6818	Functional MR Imaging of the Primary Motor Area in Patients with Brain Tumors of the Motor Cortex : Evaluation with Echo-planer Imaging on a Clinical 1.0 T MR Imager. Japanese Journal of Neurosurgery, 1998, 7, 222-229.	0.0	2
6819	BASIC CONCEPTS OF FUNCTIONAL MAGNETIC RESONANCE IMAGING AND ARTERIOVENOUS MALFORMATIONS. Magnetic Resonance Imaging Clinics of North America, 1998, 6, 801-810.	0.6	4
6820	Magnetic Resonance Imaging: Physical Principles to Advanced Applications. , 1999, , 17-45.		1
6822	Functional Connectivity MR Imaging. , 2015, , 83-104.		0
6823	Changes in Human Brain Networks and Spontaneous Activity Caused by Motor and Cognitive Learning. , 2015, , 331-341.		0
6824	Altered Structural-functional Maturation of the Right Amygdala in Healthy Adolescents Exposed to Traumatic Events. Journal of Child and Adolescent Behavior, 2015, 03, .	0.2	0
6825	The scientific study of coma and related states. Advances in Consciousness Research, 2015, , 48-80.	0.2	0
6826	Coupled Stable Overlapping Replicator Dynamics for Multimodal Brain Subnetwork Identification. Lecture Notes in Computer Science, 2015, 24, 770-781.	1.0	5
6827	Resting State Functional Connectivity and Thrombolysis Mediated Reperfusion in Acute Ischemic Stroke: A Pilot Study. Journal of Neurological Disorders, 2015, 03, .	0.1	0
6828	Genetic Influence on the Human Brain. , 2015, , 247-258.		3
6829	Introduction to Functional Brain Connectivity: Potential Contributions to Understanding Adolescent Vulnerability to Substance Abuse. , 2015, , 181-199.		0
6830	A communication hub for a decentralized collaboration on studying real-life cognition. F1000Research, 2015, 4, 62.	0.8	1
6831	Detection of genetically modified herbicide tolerant soybeans using multiplex-nested PCR. , 2015, , 705-714.		0
6832	Changes of functional connectivity patterns of V1 with eyes open and closed. , 2015, , 715-718.		0
6834	Non-Invasive Functional Neuroimaging in the Mouse Using Diffuse Optical Tomography. , 2016, , .		0
6835	Neuroimaging Approach to the Functional Neuroanatomy : From Human Brain Mapping of the Single Brain towards Network-Network Analysis of Real-time Social Interaction as “Two-in-One” System using Hyper-scanning fMRI. Japanese Journal of Neurosurgery. 2016. 25. 421-426.	0.0	1
6836	Childhood Anxiety Disorders and Obsessive-Compulsive Disorder. , 2016, , 423-446.		0
6837	A Preliminary Study to discriminate aMCI and dMCI with Multiple Clinical Neuroimaging Characteristics Using Random Forests Classifier. Neuropsychiatry, 2016, 06, .	0.4	0

#	ARTICLE	IF	CITATIONS
6838	Functional Imaging: Magnetic Resonance Imaging. , 2016, , 1-28.		0
6843	Redes en estado de reposo: revisi3n y aplicaciones de un concepto en evolucion. Iatreia, 2016, 29, .	0.1	0
6850	Chapter 14 Brain network organization in ASD. , 2016, , 287-318.		0
6851	Methods for in vivo determination the amygdala organisation in humans: state of the art. Aktualnosci Neurologiczne, 2016, 16, 187-193.	0.1	0
6853	Dictionary Learning and Sparse Coding-Based Denoising for High-Resolution Task Functional Connectivity MRI Analysis. Lecture Notes in Computer Science, 2017, , 45-52.	1.0	3
6854	Imaging in Neurology Research II: Exploring Plasticity and Cognitive Networks by In Vivo MRI. , 2017, , 727-760.		0
6855	Coactivation of Default Mode Network and Executive Network Regions in the Human Brain. , 2017, , 247-276.		2
6856	Noninvasive Imaging Technologies in Primates. Neuromethods, 2017, , 441-470.	0.2	2
6857	Amygdala-Prefrontal Connectivity Analysis of Decoding Human Emotion. , 2017, , .		0
6859	Task-Based and Resting-State Functional MRI in DLGG. , 2017, , 351-374.		0
6860	â€œEvaluating Acquisition Time of rfMRI in the Human Connectome Project for Early Psychosis. How Much Is Enough?â€ Lecture Notes in Computer Science, 2017, , 108-115.	1.0	1
6861	Impaired resting-state functional connectivity of frontostriatal regions in internet game over-user. Korean Journal of Cognitive and Biological Psychology, 2017, 29, 63-80.	0.0	0
6862	Neuroimaging in Chronic Pain, Fibromyalgia, and Somatization. , 2017, , 421-442.		0
6863	Rheumatic Pain. , 2017, , 297-317.		0
6864	Use of fMRI Activation Paradigms: A Presurgical Tool for Mapping Brain Function. , 2017, , 333-355.		0
6898	Hierarchical Spatio-Temporal Modeling of Resting State fMRI Data. Springer Proceedings in Mathematics and Statistics, 2018, , 111-130.	0.1	2
6915	4. Pathogenesis and Treatment of Dementia. The Journal of the Japanese Society of Internal Medicine, 2018, 107, 1804-1809.	0.0	0
6918	Resting state fMRI in pre-surgical brain mapping. Literature review. Medical Visualization, 2018, , 6-13.	0.1	4

#	ARTICLE	IF	CITATIONS
6921	Prediction of Brain Connectivity Map in Resting-State Fmri Data Using Shrinkage Estimator. Basic and Clinical Neuroscience, 2019, 10, 147-156.	0.3	2
6927	Basic Principles of Functional MRI. , 2018, , 20-29.		0
6933	Towards the Understanding of Healthy and Pathological Aging Through MEG. , 2019, , 817-851.		0
6934	Functional Magnetic Resonance Imaging of Eye Movements: Introduction to Methods and Basic Phenomena. Studies in Neuroscience, Psychology and Behavioral Economics, 2019, , 503-548.	0.1	0
6935	Mapping Optogenetically Driven Single-Vessel fMRI with Concurrent Neuronal Calcium Recordings in the Rat Hippocampus. SSRN Electronic Journal, 0, , .	0.4	0
6936	A Multilayer Sparse Representation of Dynamic Brain Functional Network Based on Hypergraph Theory for ADHD Classification. Lecture Notes in Computer Science, 2019, , 325-334.	1.0	2
6937	An Introduction to MEG Connectivity Measurements. , 2019, , 433-470.		0
6939	Brain Functional Connectivity Augmentation Method for Mental Disease Classification with Generative Adversarial Network. Lecture Notes in Computer Science, 2019, , 444-455.	1.0	5
6940	Delineation of Cerebrocerebellar Networks with MRI Measures of Functional and Structural Connectivity. , 2019, , 1-17.		0
6945	Covariance Shrinkage for Dynamic Functional Connectivity. Lecture Notes in Computer Science, 2019, 11848, 32-41.	1.0	0
6946	Correlates of Executive Dysfunction in HIV. , 2019, , 261-284.		0
6947	Studying Dynamic Neural Interactions with MEG. , 2019, , 519-541.		3
6948	Brain Dynamics in Pediatric MEG. , 2019, , 695-731.		0
6949	Mapping the Spatio-Temporal Functional Coherence in the Resting Brain. Lecture Notes in Computer Science, 2019, , 39-48.	1.0	0
6950	Ä±okdeÄ±iÄ±kenli Ampirik Mod AyrÄ±Ä±tÄ±rÄ±mÄ± ile Ä±sssel BaÄ±ylantÄ± AÄ±ylarÄ± Kestirimi. Academic Platform Journal of Engineering and Science, 2019, 7, 1-1.	0.5	0
6952	Discriminative Analysis of Nonlinear Functional Connectivity in Schizophrenia. , 2019, , 35-54.		0
6953	An Introduction to MEG Connectivity Measurements. , 2019, , 1-38.		0
6954	Brain Dynamics in Pediatric MEG. , 2019, , 1-37.		0

#	ARTICLE	IF	CITATIONS
6955	Towards the Understanding of Healthy and Pathological Aging Through MEG. , 2019, , 1-35.		0
6956	Qualitative vs. Quantitative Methods in Psychiatric Research: Updated. <i>Methods in Molecular Biology</i> , 2019, 2011, 23-37.	0.4	1
6958	ãfã,ãf'ãf'1/4ã,1ã,ãf£ãf'ãf³ã,°è,,³æ©ÿèf'1/2ã,ãfjãf'1/4ã,ãf³ã,°. <i>Journal of the Society of Biomechanisms</i> , 2019, 43, 170-187.	0.0	0
6959	Studying Dynamic Neural Interactions with MEG. , 2019, , 1-23.		1
6962	Altered functional connectivity of the executive control network during resting state among males with problematic hypersexual behavior. <i>Korean Society for Emotion and Sensibility</i> , 2019, 22, 35-44.	0.0	0
6963	â†°ç”ÿâ%çš,,âšè,,âè,,²1/4šãšÿèf'1/2æ€šç£ã...±æ€æ^âfæžçççèfžã,,ççžç»âè,,²çš,,çš”â†. <i>Environmental Health Perspectives (Chinese)</i>		
6985	Default mode network (default state network of the brain). <i>Comprehensive Child Studies</i> , 2019, 1, 80-84.	0.0	0
6989	Conectividade Funcional Cerebral utilizando TÃ©cnicas de Imagens por RessonÃ¢ncia MagnÃ©tica. <i>Revista Brasileira De FÃsica MÃ©dica</i> , 2019, 13, 66.	0.0	0
6990	Editorial. Mapping at rest: translating resting-state functional MRI to clinical practice. <i>Journal of Neurosurgery</i> , 2019, 131, 759-761.	0.9	0
7004	Maternal Fluoxetine Exposure Alters Cortical Hemodynamic and Calcium Response of Offspring to Somatosensory Stimuli. <i>ENeuro</i> , 2019, 6, ENEURO.0238-19.2019.	0.9	5
7008	Mesoscale Microcircuits Within and Across Primate Somatosensory Areas Identified With Functional MRI. , 2020, , 279-287.		0
7009	Dynamic Functional Connectivity Captures Individualsâ€™ Unique Brain Signatures. <i>Lecture Notes in Computer Science</i> , 2020, , 97-106.	1.0	1
7015	Effective connectivity differences in motor network during passive movement of paretic and non-paretic ankles in subacute stroke patients. <i>PeerJ</i> , 2020, 8, e8942.	0.9	1
7017	fMRI resting state networks visualization in patients with severe traumatic brain injury. <i>Medical Visualization</i> , 2020, 24, 68-84.	0.1	3
7024	Evaluation of fMRI counting task efficiency for normal brain functional connectivity analysis during executive function examination. <i>Medical Visualization</i> , 2020, 24, 119-130.	0.1	3
7031	Resolving the Connectome, Spectrally-Specific Functional Connectivity Networks and Their Distinct Contributions to Behavior. <i>ENeuro</i> , 2020, 7, ENEURO.0101-20.2020.	0.9	6
7034	Regional homogeneity alterations in multi-frequency bands in tension-type headache: a resting-state fMRI study. <i>Journal of Headache and Pain</i> , 2021, 22, 129.	2.5	14
7035	A multi-measure approach for assessing the performance of fMRI preprocessing strategies in resting-state functional connectivity. <i>Magnetic Resonance Imaging</i> , 2022, 85, 228-250.	1.0	9

#	ARTICLE	IF	CITATIONS
7036	Motor sequences; separating the sequence from the motor. A longitudinal rsfMRI study. <i>Brain Structure and Function</i> , 2022, 227, 793-807.	1.2	7
7037	Investigating the human spinal sensorimotor pathways through functional magnetic resonance imaging. <i>NeuroImage</i> , 2021, 245, 118684.	2.1	26
7038	Discriminating subclinical depression from major depression using multi-scale brain functional features: A radiomics analysis. <i>Journal of Affective Disorders</i> , 2022, 297, 542-552.	2.0	18
7039	Power spectra reveal distinct BOLD resting-state time courses in white matter. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	16
7040	Resting-State Functional Magnetic Resonance Imaging Networks as a Quantitative Metric for Impact of Neurosurgical Interventions. <i>Frontiers in Neuroscience</i> , 2021, 15, 665016.	1.4	2
7041	Identity-mapping cascaded network for fMRI registration. <i>Physics in Medicine and Biology</i> , 2021, 66, .	1.6	1
7042	The Temporal Dynamics of Spontaneous Emotional Brain States and Their Implications for Mental Health. <i>Journal of Cognitive Neuroscience</i> , 2021, , 1-14.	1.1	5
7043	Task-based and Resting State Functional MRI in Children. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2021, 29, 527-541.	0.6	1
7044	Use of fMRI Language Lateralization for Quantitative Prediction of Naming and Verbal Memory Outcome in Left Temporal Lobe Epilepsy Surgery. , 2020, , 241-264.		1
7045	Functional Neuroimaging Techniques in the Study of Central Pain Mechanisms. <i>Human Physiology</i> , 2020, 46, 851-858.	0.1	0
7047	Structural and Functional Imaging in Glioma Management. <i>Neurosurgery</i> , 2021, 88, 211-221.	0.6	8
7051	Atypical White Matter Amplitude of Low Frequency Fluctuation in Autism " A Multivariate Pattern Analysis Study. , 2020, , .		1
7052	Altered brain network in first-episode, drug-naive patients with major depressive disorder. <i>Journal of Affective Disorders</i> , 2022, 297, 1-7.	2.0	5
7053	Neurobiology of Deception. , 2020, , 67-96.		0
7054	Effects of Head Motion on the Evaluation of Age-related Brain Network Changes Using Resting State Functional MRI. <i>Magnetic Resonance in Medical Sciences</i> , 2021, 20, 338-346.	1.1	5
7056	Brain Imaging of Ketamine Abusers. , 2020, , 15-31.		0
7057	Network-Based Imaging and Connectomics. , 2020, , 73-91.		0
7058	Functional MRI biomarkers of peripartum psychiatric disorders. , 2020, , 181-205.		1

#	ARTICLE	IF	CITATIONS
7059	Non-invasive Brain Stimulation in Human Stroke Survivors. , 2020, , 501-535.		1
7060	Sound-induced flash illusion in elderly adults: Evidence from low-frequency fluctuation amplitudes in resting-state fMRI. Acta Psychologica Sinica, 2020, 52, 823.	0.4	2
7061	Resting State Functional MRI for Presurgical Planning. , 2020, , 287-301.		0
7062	Brain Network Functional Connectivity in Alzheimer's Disease and Frontotemporal Dementia. , 2020, , 385-415.		1
7063	Deep Parametric Mixtures for Modeling the Functional Connectome. Lecture Notes in Computer Science, 2020, 12329, 133-143.	1.0	1
7064	Functional Magnetic Resonance Imaging. , 2020, , 331-348.		0
7065	Identifying Extrinsic Functional Activation of Brain Regions using BOLD Signals. , 2020, , .		2
7066	Modeling Connectivity in Health and Disease: Examples from the Motor System. , 2020, , 321-334.		0
7067	Functional Brain Network Learning Based on Spatial Similarity for Brain Disorders Identification. Journal of Applied Mathematics and Physics, 2020, 08, 2427-2437.	0.2	2
7068	Inter-Hemispherical Investigations on the Functional Connectivity in Controls and Autism Spectrum Using Resting State fMRI. Advances in Computational Intelligence and Robotics Book Series, 2020, , 169-186.	0.4	0
7069	Neuroimaging of intrinsic connectivity networks: a robust method for assessing functional brain organization in psychiatric disorders. Revista Brasileira De Psiquiatria, 2020, 42, 1-2.	0.9	3
7073	A novel stroke lesion network mapping approach: improved accuracy yet still low deficit prediction. Brain Communications, 2021, 3, fcab259.	1.5	15
7074	Imaging early brain structural and functional development. Advances in Magnetic Resonance Technology and Applications, 2021, , 395-428.	0.0	0
7075	Neuroimaging of early brain development and the consequences of preterm birth. Advances in Magnetic Resonance Technology and Applications, 2021, 2, 429-465.	0.0	1
7076	Advanced fetal MRI. Advances in Magnetic Resonance Technology and Applications, 2021, 2, 113-127.	0.0	0
7077	MRI evaluation of myelopathic pain after spinal cord injury or spinal cord tumor surgery. Pain Research, 2020, 35, 34-44.	0.1	0
7079	Varsayılan Mod ve Fronto Parietal Ağıllarında Fonksiyonel Bağlanabilirlik ile Cinsiyet Farklılıkları'nın İncelenmesi. European Journal of Science and Technology, 0, , 298-303.	0.5	0
7080	Classification of Obsessive-Compulsive Disorder Using Distance Correlation on Resting-State Functional MRI Images. Frontiers in Neuroinformatics, 2021, 15, 676491.	1.3	1

#	ARTICLE	IF	CITATIONS
7081	Integrated structural and functional atlases of Asian children from infancy to childhood. <i>NeuroImage</i> , 2021, 245, 118716.	2.1	8
7082	The Role of Cerebrovascular Reactivity Mapping in Functional MRI: Calibrated fMRI and Resting-State fMRI. <i>NeuroMethods</i> , 2022, , 75-88.	0.2	0
7083	Minimum spanning tree based graph neural network for emotion classification using EEG. <i>Neural Networks</i> , 2022, 145, 308-318.	3.3	29
7084	The Potential Advantages of Tai Chi Chuan in Promoting Inhibitory Control and Spontaneous Neural Activity in Young Adults. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 747733.	1.0	4
7087	Altered amygdala-cortical connectivity in individuals with Cannabis use disorder. <i>Journal of Psychopharmacology</i> , 2021, 35, 1365-1374.	2.0	2
7088	Functional connectivity associated with individual differences on the emotional attentional blink task. <i>NeuroImage Reports</i> , 2021, 1, 100065.	0.5	0
7095	Combined Analysis of Resting-State fMRI and DTI Data Reveals Abnormal Development of Function-Structure in Early-Onset Schizophrenia. , 2008, , 628-635.		4
7096	Effects of Cortical Stimulation on Cortical Functional Connectivity: Imaging Studies. , 2012, , 71-91.		0
7097	Decreased low-frequency brain effective connectivity in seafarers during voyages: a functional near-infrared spectroscopy study. <i>Physiological Measurement</i> , 2020, 41, 095003.	1.2	2
7104	Prefrontal inter-hemispheric resting-state functional connectivity measured with diffuse correlation spectroscopy. <i>OSA Continuum</i> , 2020, 3, 2830.	1.8	1
7108	Neuroimaging Findings in Mild Cognitive Impairment. , 2021, , 367-425.		1
7115	Pain sensitivity and the primary sensorimotor cortices: a multimodal neuroimaging study. <i>Pain</i> , 2021, 162, 846-855.	2.0	17
7116	Resective Surgery of Neoplasms. , 0, , 887-901.		1
7120	Disorganization of Equilibrium Directional Interactions in the Brain Motor Network of Parkinson's disease: New Insight of Resting State Analysis Using Granger Causality and Graphical Approach. <i>Journal of Medical Signals and Sensors</i> , 2013, 3, 69-78.	0.5	11
7121	Resting state activity in patients with disorders of consciousness. <i>Functional Neurology</i> , 2011, 26, 37-43.	1.3	57
7122	Magnetoencephalography in the study of brain dynamics. <i>Functional Neurology</i> , 2014, 29, 241-53.	1.3	15
7125	Intraoperative high-field magnetic resonance imaging combined with neuronavigation-guided resection of intracranial mesenchymal chondrosarcoma in Broca's area: a rare case report and literature review. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 4697-702.	1.3	5
7127	Heritability estimates on resting state fMRI data using ENIGMA analysis pipeline. <i>Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing</i> , 2018, 23, 307-318.	0.7	14

#	ARTICLE	IF	CITATIONS
7129	Impact of Cannabis Use on Brain Structure and Function in Suppressed HIV Infection. Journal of Behavioral and Brain Science, 2020, 10, 344-370.	0.2	5
7130	Comparison of topological properties of functional brain networks with graph theory in temporal lobe epilepsy with different duration of disease. Annals of Translational Medicine, 2020, 8, 1503.	0.7	1
7131	Effect of focal and nonfocal cerebral lesions on functional connectivity studied with MR imaging. American Journal of Neuroradiology, 2001, 22, 294-300.	1.2	64
7132	Functional connectivity MR imaging: fact or artifact?. American Journal of Neuroradiology, 2001, 22, 239-40.	1.2	18
7133	Functional connectivity in the thalamus and hippocampus studied with functional MR imaging. American Journal of Neuroradiology, 2000, 21, 1397-401.	1.2	126
7134	Role of the corpus callosum in functional connectivity. American Journal of Neuroradiology, 2003, 24, 208-12.	1.2	144
7135	Frequencies contributing to functional connectivity in the cerebral cortex in "resting-state" data. American Journal of Neuroradiology, 2001, 22, 1326-33.	1.2	1,161
7136	Mapping functionally related regions of brain with functional connectivity MR imaging. American Journal of Neuroradiology, 2000, 21, 1636-44.	1.2	665
7137	Comparing stimulus-evoked and spontaneous response of the face-selective multi-units in the human posterior fusiform gyrus. Neuroscience of Consciousness, 2021, 2021, niab033.	1.4	0
7138	Passive localization of the central sulcus during sleep based on intracranial EEG. Cerebral Cortex, 2022, 32, 3726-3735.	1.6	3
7139	Developmental Coupling of Cerebral Blood Flow and fMRI Fluctuations in Youth. SSRN Electronic Journal, 0, , .	0.4	0
7140	Towards data-driven group inferences of resting-state fMRI data in rodents: Comparison of group ICA, GIG-ICA, and IVA-GL. Journal of Neuroscience Methods, 2022, 366, 109411.	1.3	5
7141	Seed-based dual regression: An illustration of the impact of dual regression's inherent filtering of global signal. Journal of Neuroscience Methods, 2022, 366, 109410.	1.3	1
7142	Comparing stimulus-evoked and spontaneous response of the face-selective multi-units in the human posterior fusiform gyrus. Neuroscience of Consciousness, 2021, 2021, niab033.	1.4	4
7143	Changes of Brain Functional Connectivity in End-Stage Renal Disease Patients Receiving Peritoneal Dialysis Without Cognitive Decline. Frontiers in Medicine, 2021, 8, 734410.	1.2	4
7144	Information Flow Pattern in Early Mild Cognitive Impairment Patients. Frontiers in Neurology, 2021, 12, 706631.	1.1	0
7145	Intraoperative Resting-State Functional Connectivity Based on RGB Imaging. Diagnostics, 2021, 11, 2067.	1.3	2
7147	Altered brain network functional connectivity patterns in patients with vestibular migraine diagnosed according to the diagnostic criteria of the Bárány Society and the International Headache Society. Journal of Neurology, 2022, 269, 3026-3036.	1.8	13

#	ARTICLE	IF	CITATIONS
7148	Homotopic functional connectivity disruptions in glioma patients are associated with tumor malignancy and overall survival. <i>Neuro-Oncology Advances</i> , 2021, 3, vtab176.	0.4	2
7150	Single-neuron firing cascades underlie global spontaneous brain events. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	15
7151	Differential Impact of Anxious Misery Psychopathology on Multiple Representations of the Functional Connectome. <i>Biological Psychiatry Global Open Science</i> , 2022, 2, 489-499.	1.0	4
7152	Characteristics of Neural Network Changes in Normal Aging and Early Dementia. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 747359.	1.7	20
7153	Study protocol: establishment of a multicentre pre-eclampsia database and biobank in Sweden: GO PROVE and UP MOST, a prospective cohort study. <i>BMJ Open</i> , 2021, 11, e049559.	0.8	2
7154	The Functional Network of the Visual Cortex Is Altered in Migraine. <i>Vision (Switzerland)</i> , 2021, 5, 57.	0.5	2
7155	Spontaneous brain activity alterations in thyroid-associated ophthalmopathy patients using amplitude of low-frequency fluctuation: A resting-state fMRI study. <i>NeuroReport</i> , 2021, 32, 1416-1422.	0.6	9
7157	Long-term prognosis and educational determinants of brain network decline in older adult individuals. <i>Nature Aging</i> , 2021, 1, 1053-1067.	5.3	45
7158	Developmental Changes in Dynamic Functional Connectivity From Childhood Into Adolescence. <i>Frontiers in Systems Neuroscience</i> , 2021, 15, 724805.	1.2	14
7160	Imaging functional neuroplasticity in human white matter tracts. <i>Brain Structure and Function</i> , 2022, 227, 381-392.	1.2	15
7161	Unveiling whole-brain dynamics in normal aging through Hidden Markov Models. <i>Human Brain Mapping</i> , 2022, 43, 1129-1144.	1.9	10
7162	Resting-State Functional Magnetic Resonance Imaging of Interhemispheric Functional Connectivity in Experimental Traumatic Brain Injury. <i>Neurotrauma Reports</i> , 2021, 2, 526-540.	0.5	2
7163	Temporal order of signal propagation within and across intrinsic brain networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	22
7164	Cervelet et cognition. <i>Bulletin De L'Academie Nationale De Medecine</i> , 2021, 206, 38-38.	0.0	1
7165	Structural and Functional Abnormalities in Knee Osteoarthritis Pain Revealed With Multimodal Magnetic Resonance Imaging. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 783355.	1.0	12
7166	Brain network modulation in Alzheimer's and frontotemporal dementia with transcranial electrical stimulation. <i>Neurobiology of Aging</i> , 2022, 111, 24-34.	1.5	16
7167	Correlated functional connectivity and glucose metabolism in brain white matter revealed by simultaneous MRI/positron emission tomography. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 1507-1514.	1.9	9
7168	Adolescent Brain Development and Contextual Influences: A Decade in Review. <i>Journal of Research on Adolescence</i> , 2021, 31, 843-869.	1.9	14

#	ARTICLE	IF	CITATIONS
7169	The Role of the Human Brain Neuronâ€™s Gliaâ€™s Synapse Composition in Forming Resting-State Functional Connectivity Networks. <i>Brain Sciences</i> , 2021, 11, 1565.	1.1	6
7170	Stationary EEG pattern relates to large-scale resting state networks â€™ An EEG-fMRI study connecting brain networks across time-scales. <i>NeuroImage</i> , 2022, 246, 118763.	2.1	5
7171	Progressive modulation of resting-state brain activity during neurofeedback of positive-social emotion regulation networks. <i>Scientific Reports</i> , 2021, 11, 23363.	1.6	7
7172	Presurgical Resting-State fMRI. <i>Medical Radiology</i> , 2022, , 197-215.	0.0	0
7173	Changes in resting-state measures of prostate cancer patients exposed to androgen deprivation therapy. <i>Scientific Reports</i> , 2021, 11, 23350.	1.6	4
7174	Simultaneous EEG-fMRI in Epilepsy. <i>Medical Radiology</i> , 2022, , 217-247.	0.0	0
7175	Revealing Brain Activity and White Matter Structure Using Functional and Diffusion-Weighted Magnetic Resonance Imaging. <i>Medical Radiology</i> , 2022, , 21-83.	0.0	0
7176	Resting-state functional MRI signal fluctuation amplitudes are correlated with brain amyloid- β deposition in patients with mild cognitive impairment. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 876-890.	2.4	3
7177	Task effects on functional connectivity measures after stroke. <i>Experimental Brain Research</i> , 2021, , 1.	0.7	3
7178	Extracting BOLD signals based on time-constrained multiset canonical correlation analysis for brain functional network estimation and classification. <i>Brain Research</i> , 2022, 1775, 147745.	1.1	2
7179	Whole-brain propagating patterns in human resting-state brain activities. <i>NeuroImage</i> , 2021, 245, 118711.	2.1	5
7180	Functional ultrasound imaging: A useful tool for functional connectomics?. <i>NeuroImage</i> , 2021, 245, 118722.	2.1	6
7181	Presurgical Functional Localization Possibilities, Limitations, and Validity. <i>Medical Radiology</i> , 2022, , 343-372.	0.0	1
7182	Considerations and recent advances in nanoscale interfaces with neuronal and cardiac networks. <i>Applied Physics Reviews</i> , 2021, 8, 041317.	5.5	5
7183	Fluency shaping increases integration of the command-to-execution and the auditory-to-motor pathways in persistent developmental stuttering. <i>NeuroImage</i> , 2021, 245, 118736.	2.1	5
7184	Resting state functional connectivity in pediatric populations. <i>Advances in Magnetic Resonance Technology and Applications</i> , 2021, 2, 65-87.	0.0	0
7186	Risk of abnormal outcomes based on basic and advanced MRI measurements. <i>Advances in Magnetic Resonance Technology and Applications</i> , 2021, 2, 467-499.	0.0	0
7187	Identifying functional brain abnormalities in migraine and depression comorbidity. <i>Quantitative Imaging in Medicine and Surgery</i> , 2022, 12, 2288-2302.	1.1	11

#	ARTICLE	IF	CITATIONS
7188	AktywnoÅspoczynkowa mÅzgu a funkcje neuropsychologiczne osÅb zakaÅzonych HIV. , 2021, , .		0
7189	Neuroscience applications of functional MRI. Advances in Magnetic Resonance Technology and Applications, 2021, , 261-276.	0.0	0
7191	Multitask brain network reconfiguration is inversely associated with human intelligence. Cerebral Cortex, 2022, 32, 4172-4182.	1.6	19
7192	The Three Cornerstones of Cerebellar Ataxia: Closing the Loop of 200ÅYears of Cerebellar Research. Contemporary Clinical Neuroscience, 2021, , 459-478.	0.3	5
7193	Divergent time-varying connectivity of thalamic sub-regions characterizes clinical phenotypes and cognitive status in multiple sclerosis. Molecular Psychiatry, 2022, 27, 1765-1773.	4.1	3
7194	Abnormal Static and Dynamic Functional Network Connectivity in Patients With Presbycusis. Frontiers in Aging Neuroscience, 2021, 13, 774901.	1.7	7
7195	Brain Imaging Biomarkers for Chronic Pain. Frontiers in Neurology, 2021, 12, 734821.	1.1	12
7196	Abnormal connectivity model of raphe nuclei with sensory-associated cortex in ParkinsonÅs disease with chronic pain. Neurological Sciences, 2022, 43, 3175-3185.	0.9	4
7197	Predicting behavior through dynamic modes in resting-state fMRI data. NeuroImage, 2022, 247, 118801.	2.1	8
7198	Functional brain network community structure in childhood: Unfinished territories and fuzzy boundaries. NeuroImage, 2022, 247, 118843.	2.1	17
7199	Enhancing task fMRI preprocessing via individualized modelÅbased filtering of intrinsic activity dynamics. NeuroImage, 2022, 247, 118836.	2.1	3
7200	A methodological scoping review of the integration of fMRI to guide dMRI tractography. What has been done and what can be improved: A 20-year perspective. Journal of Neuroscience Methods, 2022, 367, 109435.	1.3	3
7201	Inside information: Systematic within-node functional connectivity changes observed across tasks or groups. NeuroImage, 2022, 247, 118792.	2.1	4
7202	A method to assess the default EEG macrostate and its reactivity to stimulation. Clinical Neurophysiology, 2022, 134, 50-64.	0.7	3
7203	Filtering respiratory motion artifact from resting state fMRI data in infant and toddler populations. NeuroImage, 2022, 247, 118838.	2.1	9
7204	Predicting individual task contrasts from restingÅstate functional connectivity using a surfaceÅbased convolutional network. NeuroImage, 2022, 248, 118849.	2.1	12
7205	Forschung: Tiefe Hirnstimulation ÅMethodische UmbrÅche. , 0, , .		0
7207	Deep Neural Generative Adversarial Model based on VAE + GAN for Disorder Diagnosis. , 2020, , .		3

#	ARTICLE	IF	CITATIONS
7208	Comparison of topological properties of functional brain networks with graph theory in temporal lobe epilepsy with different duration of disease. <i>Annals of Translational Medicine</i> , 2020, 8, 1503-1503.	0.7	8
7209	âf'âf^è,,³æ©ÿèf1/2ç”ç©¶â«ãšãâã,âfMRIâ®â1/21â%². <i>Journal of the Society of Biomechanisms</i> , 2021, 45, 21-29.	0.0	0
7211	Human Intelligence and Network Neuroscience. , 2021, , 102-122.		1
7212	The Sensory and Motor Components of the Cortical Hierarchy Are Coupled to the Rhythm of the Stomach during Rest. <i>Journal of Neuroscience</i> , 2022, 42, 2205-2220.	1.7	18
7213	Dissection of brain-wide resting-state and functional somatosensory circuits by fMRI with optogenetic silencing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	25
7214	Shared genetic influences on restingâ€state functional networks of the brain. <i>Human Brain Mapping</i> , 2022, 43, 1787-1803.	1.9	3
7215	Gamma band functional connectivity reduction in patients with amnesic mild cognitive impairment and epileptiform activity. <i>Brain Communications</i> , 2022, 4, fcac012.	1.5	10
7216	Human brain functional MRS reveals interplay of metabolites implicated in neurotransmission and neuroenergetics. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 911-934.	2.4	16
7217	The Role of the Human Hypothalamus in Food Intake Networks: An MRI Perspective. <i>Frontiers in Nutrition</i> , 2021, 8, 760914.	1.6	7
7218	Monitoring Neuronal Network Disturbances of Brain Diseases: A Preclinical MRI Approach in the Rodent Brain. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 815552.	1.8	4
7219	Weaker connectivity in resting state networks is associated with disinhibited eating in older adults. <i>International Journal of Obesity</i> , 2022, 46, 859-865.	1.6	2
7220	Neuroimaging of psychiatric disorders. <i>Progress in Brain Research</i> , 2022, 270, 149-169.	0.9	4
7221	Altered Structural and Functional MRI Connectivity in Type 2 Diabetes Mellitus Related Cognitive Impairment: A Review. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 755017.	1.0	8
7222	The Influence of Aging on the Functional Connectivity of the Human Basal Ganglia. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 785666.	1.7	4
7224	Common and specific large-scale brain changes in major depressive disorder, anxiety disorders, and chronic pain: a transdiagnostic multimodal meta-analysis of structural and functional MRI studies. <i>Neuropsychopharmacology</i> , 2022, 47, 1071-1080.	2.8	29
7225	Testâ€retest stability of spontaneous brain activity and functional connectivity in the core restingâ€state networks assessed with ultrahigh field <sc>7â€tesla</sc> restingâ€state <sc>functional magnetic resonance imaging</sc>. <i>Human Brain Mapping</i> , 2022, 43, 2026-2040.	1.9	8
7226	Reducing false discoveries in resting-state functional connectivity using short channel correction: an fNIRS study. <i>Neurophotonics</i> , 2022, 9, 015001.	1.7	12
7227	Multi-dynamic modelling reveals strongly time-varying resting fMRI correlations. <i>Medical Image Analysis</i> , 2022, 77, 102366.	7.0	10

#	ARTICLE	IF	CITATIONS
7228	Towards a model of language neurobiology in early development. <i>Brain and Language</i> , 2022, 224, 105047.	0.8	9
7229	Repetitive Transcranial Magnetic Stimulation of the Contralesional Dorsal Premotor Cortex for Upper Extremity Motor Improvement in Severe Stroke: Study Protocol for a Pilot Randomized Clinical Trial. <i>Cerebrovascular Diseases</i> , 2022, 51, 557-564.	0.8	4
7230	The physiological basis underlying functional connectivity differences in older adults: A multi-modal analysis of resting-state fMRI. <i>Brain Imaging and Behavior</i> , 2022, 16, 1575-1591.	1.1	4
7231	Latency structure of BOLD signals within white matter in resting-state fMRI. <i>Magnetic Resonance Imaging</i> , 2022, 89, 58-69.	1.0	4
7232	Resting-State Functional Connectivity in the Dorsal Attention Network Relates to Behavioral Performance in Spatial Attention Tasks and May Show Task-Related Adaptation. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 757128.	1.0	8
7233	Alterations of dynamic functional connectivity between visual and executive-control networks in schizophrenia. <i>Brain Imaging and Behavior</i> , 2022, 16, 1294-1302.	1.1	4
7234	Frequency-Specific Changes of Amplitude of Low-Frequency Fluctuations in Patients with Acute Basal Ganglia Ischemic Stroke. <i>Neural Plasticity</i> , 2022, 2022, 1-10.	1.0	8
7235	Structural and functional deficits and couplings in the cortico-striato-thalamo-cerebellar circuitry in social anxiety disorder. <i>Translational Psychiatry</i> , 2022, 12, 26.	2.4	45
7236	The role of disrupted functional connectivity in aphasia. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2022, 185, 99-119.	1.0	2
7237	Neurodegenerative and functional signatures of the cerebellar cortex in m.3243A&G patients. <i>Brain Communications</i> , 2022, 4, fcac024.	1.5	2
7238	OUP accepted manuscript. <i>Cerebral Cortex</i> , 2022, , .	1.6	4
7240	Abnormal dynamics of resting-state functional activity and couplings in postpartum depression with and without anxiety. <i>Cerebral Cortex</i> , 2022, 32, 5597-5608.	1.6	24
7242	Case Series of Applications of Resting State Functional MRI in Brain Tumor Surgery: A Novel Technique. <i>Indian Journal of Radiology and Imaging</i> , 2021, 31, 990-997.	0.3	0
7243	Functional MRI evidence for reorganization of language networks after stroke. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2022, 185, 131-150.	1.0	7
7244	Do You Really Know if It's True? How Asking Users to Rate Stories Affects Belief in Fake News on Social Media. <i>Information Systems Research</i> , 2022, 33, 887-907.	2.2	6
7245	Individualized spatial network predictions using Siamese convolutional neural networks: A resting-state fMRI study of over 11,000 unaffected individuals. <i>PLoS ONE</i> , 2022, 17, e0249502.	1.1	3
7246	Shaping the Sensory-Motor Network by Short-Term Unresolvable Sensory-Motor Mismatch. <i>Frontiers in Neurology</i> , 2021, 12, 793662.	1.1	1
7247	Light sedation with short habituation time for large-scale functional magnetic resonance imaging studies in rats. <i>NMR in Biomedicine</i> , 2022, 35, e4679.	1.6	3

#	ARTICLE	IF	CITATIONS
7248	Effects of sex and age on presumed inhibitory interactions in 6 areas of the human cerebral cortex as revealed by the fMRI Human Connectome Project. <i>Experimental Brain Research</i> , 2022, 240, 969-979.	0.7	3
7249	Localizing Spectral Interactions in the Resting State Network Using the Hilbert-Huang Transform. <i>Brain Sciences</i> , 2022, 12, 140.	1.1	2
7250	Frequency-Resolved Connectome Hubs and Their Test-Retest Reliability in the Resting Human Brain. <i>Neuroscience Bulletin</i> , 2022, 38, 519-532.	1.5	2
7251	Modulating intrinsic functional connectivity with visual cortex using low-frequency repetitive transcranial magnetic stimulation. <i>Brain and Behavior</i> , 2022, 12, e2491.	1.0	2
7252	Altered degree centrality in patients with non-neuropsychiatric systemic lupus erythematosus: a resting-state fMRI study. <i>Journal of Investigative Medicine</i> , 2022, , jim-2021-001941.	0.7	0
7254	Resting state fMRI connectivity is sensitive to laminar connective architecture in the human brain. <i>Brain Informatics</i> , 2022, 9, 2.	1.8	4
7255	Differentiating Melancholic and Non-melancholic Major Depressive Disorder Using Fractional Amplitude of Low-Frequency Fluctuations. <i>Frontiers in Psychiatry</i> , 2021, 12, 763770.	1.3	4
7256	Biomarkers Derived from Alterations in Overlapping Community Structure of Resting-state Brain Functional Networks for Detecting Alzheimer's Disease. <i>Neuroscience</i> , 2022, 484, 38-52.	1.1	6
7257	Frequency-dependent genetic modulation of neuronal oscillations: a combined transcriptome and resting-state functional MRI study. <i>Cerebral Cortex</i> , 2022, 32, 5132-5144.	1.6	13
7259	Laminar-specific functional connectivity mapping with multi-slice line-scanning fMRI. <i>Cerebral Cortex</i> , 2022, 32, 4492-4501.	1.6	6
7260	Resting-state functional connectivity graph-properties correlate with bipolar disorder-risk in young medication-free depressed subjects. <i>Journal of Affective Disorders</i> , 2022, 301, 52-59.	2.0	1
7261	Effective connectivity within the corticothalamic circuit in the neuromyelitis optica patients: A comparative study using resting-state fMRI. <i>Journal of Clinical Neuroscience</i> , 2022, 97, 25-31.	0.8	0
7262	Altered regional brain activity and functional connectivity patterns in major depressive disorder: A function of childhood trauma or diagnosis?. <i>Journal of Psychiatric Research</i> , 2022, 147, 237-247.	1.5	19
7263	Predicting individual traits from unperformed tasks. <i>NeuroImage</i> , 2022, 249, 118920.	2.1	8
7264	Hemodynamic and metabolic correspondence of resting-state voxel-based physiological metrics in healthy adults. <i>NeuroImage</i> , 2022, 250, 118923.	2.1	36
7265	Risk-taking in humans and the medial orbitofrontal cortex reward system. <i>NeuroImage</i> , 2022, 249, 118893.	2.1	10
7266	Functional connectome of arousal and motor brainstem nuclei in living humans by 7 Tesla resting-state fMRI. <i>NeuroImage</i> , 2022, 249, 118865.	2.1	20
7267	Combination of spontaneous regional brain activity and HTR1A/1B DNA methylation to predict early responses to antidepressant treatments in MDD. <i>Journal of Affective Disorders</i> , 2022, 302, 249-257.	2.0	4

#	ARTICLE	IF	CITATIONS
7268	The genetic architecture of language functional connectivity. <i>NeuroImage</i> , 2022, 249, 118795.	2.1	14
7269	Evaluation of Structural Neural Connectivity Between the Primary Auditory Cortex and Cognition-Related Brain Areas Using Diffusion Tensor Tractography in 43 Normal Adults. <i>Medical Science Monitor</i> , 2022, 28, e936131.	0.5	2
7271	A novel approach for extracting functional brain networks involved in mesial temporal lobe epilepsy based on self organizing maps. <i>Informatics in Medicine Unlocked</i> , 2022, 29, 100876.	1.9	3
7272	Dissociable Functional Brain Networks Associated With Apathy in Subcortical Ischemic Vascular Disease and Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 717037.	1.7	2
7274	Dialectical Thinking Is Linked With Smaller Left Nucleus Accumbens and Right Amygdala. <i>Frontiers in Psychology</i> , 2022, 13, 760489.	1.1	0
7275	Human NREM Sleep Promotes Brain-Wide Vasomotor and Respiratory Pulsations. <i>Journal of Neuroscience</i> , 2022, 42, 2503-2515.	1.7	33
7277	Resting state fMRI brain mapping in pediatric supratentorial brain tumors. <i>Egyptian Journal of Radiology and Nuclear Medicine</i> , 2022, 53, .	0.3	1
7278	Functional connectivity in the central executive network predicts changes in binge drinking behavior during emerging adulthood: an observational prospective study. <i>Addiction</i> , 2022, , .	1.7	1
7279	The Relationship Between Vitamin D, Clinical Manifestations, and Functional Network Connectivity in Female Patients With Major Depressive Disorder. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 817607.	1.7	1
7280	SIRT1 mediates hypoxic postconditioning- and resveratrol-induced protection against functional connectivity deficits after subarachnoid hemorrhage. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 1210-1223.	2.4	7
7281	Alterations in motor functional connectivity in Neonatal Hypoxic Ischemic Encephalopathy. <i>Brain Injury</i> , 2022, 36, 287-294.	0.6	2
7282	The Predictive Value of Dynamic Intrinsic Local Metrics in Transient Ischemic Attack. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 808094.	1.7	7
7283	Functional Reorganization After Four-Week Brain-Computer Interface-Controlled Supernumerary Robotic Finger Training: A Pilot Study of Longitudinal Resting-State fMRI. <i>Frontiers in Neuroscience</i> , 2021, 15, 766648.	1.4	1
7284	Altered Local Brain Amplitude of Fluctuations in Patients With Myotonic Dystrophy Type 1. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 790632.	1.7	1
7285	A massive 7T fMRI dataset to bridge cognitive neuroscience and artificial intelligence. <i>Nature Neuroscience</i> , 2022, 25, 116-126.	7.1	129
7286	Metabolic and functional connectivity provide unique and complementary insights into cognition-connectome relationships. <i>Cerebral Cortex</i> , 2023, 33, 1476-1488.	1.6	4
7287	Stability Analysis of fMRI BOLD Signals for Disease Diagnosis. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2022, 30, 967-978.	2.7	4
7291	Linking fMRI, Pain, and Addictions. , 2022, , 1-31.		0

#	ARTICLE	IF	CITATIONS
7292	Symptom-severity-related brain connectivity alterations in functional movement disorders. <i>NeuroImage: Clinical</i> , 2022, 34, 102981.	1.4	6
7293	Insight Into the Effects of Clinical Repetitive Transcranial Magnetic Stimulation on the Brain From Positron Emission Tomography and Magnetic Resonance Imaging Studies: A Narrative Review. <i>Frontiers in Neuroscience</i> , 2022, 16, 787403.	1.4	11
7294	Early Fractional Amplitude of Low Frequency Fluctuation Can Predict the Efficacy of Transcutaneous Auricular Vagus Nerve Stimulation Treatment for Migraine Without Aura. <i>Frontiers in Molecular Neuroscience</i> , 2022, 15, 778139.	1.4	13
7295	Data-driven study on resting-state functional magnetic resonance imaging during early abstinence of alcohol dependence in male patients and its predictive value for relapse. <i>BMC Psychiatry</i> , 2022, 22, 143.	1.1	9
7299	Altered Spontaneous Brain Activity and Network Property in Patients With Congenital Monocular Blindness. <i>Frontiers in Neurology</i> , 2022, 13, 789655.	1.1	3
7302	Spatial Stability of Functional Networks: A Measure to Assess the Robustness of Graph-Theoretical Metrics to Spatial Errors Related to Brain Parcellation. <i>Frontiers in Neuroscience</i> , 2021, 15, 736524.	1.4	7
7303	Disrupted Resting State Attentional Network Connectivity in Adolescent and Young Adult Cannabis Users following Two-Weeks of Monitored Abstinence. <i>Brain Sciences</i> , 2022, 12, 287.	1.1	2
7304	Resting State Electrophysiological Cortical Activity: A Brain Signature Candidate for Patients with Migraine. <i>Current Pain and Headache Reports</i> , 2022, 26, 289-297.	1.3	9
7305	Decoding task specific and task general functional architectures of the brain. <i>Human Brain Mapping</i> , 2022, 43, 2801-2816.	1.9	4
7306	Analysis of fMRI Signals from Working Memory Tasks and Resting-State of Brain: Neutrosophic-Entropy-Based Clustering Algorithm. <i>International Journal of Neural Systems</i> , 2022, 32, 2250012.	3.2	6
7307	Caveats and Nuances of Model-Based and Model-Free Representational Connectivity Analysis. <i>Frontiers in Neuroscience</i> , 2022, 16, 755988.	1.4	5
7308	Abnormal functional connectivity of brain regions associated with fear network model in panic disorder. <i>World Journal of Biological Psychiatry</i> , 2022, 23, 764-772.	1.3	2
7309	Modeling functional difference between gyri and sulci within intrinsic connectivity networks. <i>Cerebral Cortex</i> , 2023, 33, 933-947.	1.6	8
7310	Abnormal voxel-wise whole-brain functional connectivity in first-episode, drug-naïve adolescents with major depression disorder. <i>European Child and Adolescent Psychiatry</i> , 2023, 32, 1317-1327.	2.8	11
7311	Study of Sex Differences in Unmedicated Patients With Major Depressive Disorder by Using Resting State Brain Functional Magnetic Resonance Imaging. <i>Frontiers in Neuroscience</i> , 2022, 16, 814410.	1.4	13
7312	Spontaneous neural activity in the right fusiform gyrus and putamen is associated with consummatory anhedonia in obsessive compulsive disorder. <i>Brain Imaging and Behavior</i> , 2022, 16, 1708-1720.	1.1	4
7314	Effect of Impaired Stereoscopic Vision on Large-Scale Resting-State Functional Network Connectivity in Comitant Exotropia Patients. <i>Frontiers in Neuroscience</i> , 2022, 16, 833937.	1.4	8
7316	Large-scale network dysfunction in $\hat{I}\pm$ -Synucleinopathy: A meta-analysis of resting-state functional connectivity. <i>EBioMedicine</i> , 2022, 77, 103915.	2.7	14

#	ARTICLE	IF	CITATIONS
7317	Aberrant dopamine transporter and functional connectivity patterns in LRRK2 and GBA mutation carriers. <i>Npj Parkinson's Disease</i> , 2022, 8, 20.	2.5	5
7318	Connectome gradient dysfunction in major depression and its association with gene expression profiles and treatment outcomes. <i>Molecular Psychiatry</i> , 2022, 27, 1384-1393.	4.1	65
7319	Functional brain imaging in bipolar disorder. , 2022, , 60-80.		0
7320	Towards an efficient validation of dynamical whole-brain models. <i>Scientific Reports</i> , 2022, 12, 4331.	1.6	5
7321	Decreased homotopic functional connectivity in traumatic brain injury. <i>Cerebral Cortex</i> , 2022, , .	1.6	1
7322	Functional Connectivity of the Brain Across Rodents and Humans. <i>Frontiers in Neuroscience</i> , 2022, 16, 816331.	1.4	22
7323	A connectome-based neuromarker of nonverbal number acuity and arithmetic skills. <i>Cerebral Cortex</i> , 2023, 33, 881-894.	1.6	5
7324	Menstrual Cycle-Related Changes in Women with Schizophrenia: A Resting-State fMRI Study. <i>Neuropsychobiology</i> , 2022, , 1-15.	0.9	2
7325	Effects of Systemic Physiology on Mapping Resting-State Networks Using Functional Near-Infrared Spectroscopy. <i>Frontiers in Neuroscience</i> , 2022, 16, 803297.	1.4	14
7326	Developmental coupling of cerebral blood flow and fMRI fluctuations in youth. <i>Cell Reports</i> , 2022, 38, 110576.	2.9	23
7327	No evidence for motor-recovery-related cortical connectivity changes after stroke using resting-state fMRI. <i>Journal of Neurophysiology</i> , 2022, 127, 637-650.	0.9	5
7328	Investigating Structure-Function Connectivity in a Patient With Locked-in Syndrome by 7T Magnetic Resonance Imaging. <i>Neurologist</i> , 2022, Publish Ahead of Print, .	0.4	1
7329	Resting-State fMRI in Chronic Patients with Disorders of Consciousness: The Role of Lower-Order Networks for Clinical Assessment. <i>Brain Sciences</i> , 2022, 12, 355.	1.1	5
7330	Alternative labeling tool: a minimal algorithm for denoising single-subject resting-state fMRI data with ICA-MELODIC. <i>Brain Imaging and Behavior</i> , 2022, 16, 1823-1831.	1.1	2
7331	Functional Connectivity Changes in Multiple-Frequency Bands in Acute Basal Ganglia Ischemic Stroke Patients: A Machine Learning Approach. <i>Neural Plasticity</i> , 2022, 2022, 1-10.	1.0	5
7332	Ranking of communities in multiplex spatiotemporal models of brain dynamics. <i>Applied Network Science</i> , 2022, 7, 15.	0.8	0
7333	Searching for optimal machine learning model to classify mild cognitive impairment (MCI) subtypes using multimodal MRI data. <i>Scientific Reports</i> , 2022, 12, 4284.	1.6	15
7334	The neural correlates of amplitude of low-frequency fluctuation: a multimodal resting-state MEG and fMRI-EEG study. <i>Cerebral Cortex</i> , 2023, 33, 1119-1129.	1.6	6

#	ARTICLE	IF	CITATIONS
7335	Resting functional connectivity of the left inferior frontal gyrus with the dorsomedial prefrontal cortex and temporoparietal junction reflects the social network size for active interactions. <i>Human Brain Mapping</i> , 2022, 43, 2869-2879.	1.9	5
7336	The differential association between local neurotransmitter levels and whole-brain resting-state functional connectivity in two distinct cingulate cortex subregions. <i>Human Brain Mapping</i> , 2022, 43, 2833-2844.	1.9	7
7337	Overview of (f)MRI Studies of Cognitive Aging for Non-Experts: Looking through the Lens of Neuroimaging. <i>Life</i> , 2022, 12, 416.	1.1	2
7338	Neuroimaging of structural and functional connectivity in preterm infants with intraventricular hemorrhage. <i>Seminars in Perinatology</i> , 2022, 46, 151593.	1.1	3
7339	Changes in Magnetic Resonance Signal Fluctuation in Superior Sagittal Sinus: Deterioration of Arteriolar Vasomotor Function of Young Smokers. <i>Tomography</i> , 2022, 8, 657-666.	0.8	0
7340	Brain Network Connectivity and Executive Function in Children with Infantile Hydrocephalus. <i>Brain Connectivity</i> , 2022, 12, 784-798.	0.8	3
7342	On the intersection between data quality and dynamical modelling of large-scale fMRI signals. <i>NeuroImage</i> , 2022, 256, 119051.	2.1	11
7343	Dual-stream encoder neural networks with spectral constraint for clustering functional brain connectivity data. <i>Neural Computing and Applications</i> , 2022, 34, 12737-12747.	3.2	2
7344	The effect of acquisition duration on cerebral blood flow-based resting-state functional connectivity. <i>Human Brain Mapping</i> , 2022, 43, 3184-3194.	1.9	4
7345	Functional dissection of neural circuitry using a genetic reporter for fMRI. <i>Nature Neuroscience</i> , 2022, 25, 390-398.	7.1	11
7346	Effects of Ordered Grasping Movement on Brain Function in the Performance Virtual Reality Task: A Near-Infrared Spectroscopy Study. <i>Frontiers in Human Neuroscience</i> , 2022, 16, 798416.	1.0	3
7347	Altered resting fMRI spectral power in data-driven brain networks during development: A longitudinal study. <i>Journal of Neuroscience Methods</i> , 2022, 372, 109537.	1.3	2
7348	The Failure of Blobology: fMRI Misinterpretation, Maleficence and Muddle. <i>Frontiers in Human Neuroscience</i> , 2022, 16, 870091.	1.0	8
7349	Effective Connectivity within the Papez Circuit in the Multiple Sclerosis Patients: A Comparative Study Using Resting-State fMRI. <i>Journal of Biomedical Physics and Engineering</i> , 2022, 12, 149-160.	0.5	1
7351	Functional connectomes incorporating phase synchronization for the characterization and prediction of individual differences. <i>Journal of Neuroscience Methods</i> , 2022, 372, 109539.	1.3	0
7352	Neural network of bipolar disorder: Toward integration of neuroimaging and neurocircuit-based treatment strategies. <i>Translational Psychiatry</i> , 2022, 12, 143.	2.4	18
7353	Applications in Awake Animal Magnetic Resonance Imaging. <i>Frontiers in Neuroscience</i> , 2022, 16, 854377.	1.4	11
7354	Altered intrinsic brain activity in patients with CSF1R-related leukoencephalopathy. <i>Brain Imaging and Behavior</i> , 2022, 16, 1842-1853.	1.1	1

#	ARTICLE	IF	CITATIONS
7355	Mapping of whole-brain resting-state networks using ultra-high resolution acquisition protocols. <i>Human Brain Mapping</i> , 2022, 43, 3386-3403.	1.9	10
7356	Brain function mediates the association between low vitamin D and neurocognitive status in female patients with major depressive disorder. <i>Psychological Medicine</i> , 2022, , 1-14.	2.7	2
7357	More Than Just Statics: Temporal Dynamic Changes in Inter- and Intra-hemispheric Functional Connectivity in First-Episode, Drug-Naive Patients With Major Depressive Disorder. <i>Frontiers in Human Neuroscience</i> , 2022, 16, 868135.	1.0	1
7358	Dysfunction in the Interaction of Information Between and Within the Bilateral Primary Sensory Cortex. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 862107.	1.7	1
7359	Social-Cognitive Network Connectivity in Preterm Children and Relations With Early Nutrition and Developmental Outcomes. <i>Frontiers in Systems Neuroscience</i> , 2022, 16, 812111.	1.2	1
7360	The local neural markers of MRI in patients with temporal lobe epilepsy presenting ictal panic: A resting-state postictal fMRI study. <i>Epilepsy and Behavior</i> , 2022, 129, 108490.	0.9	2
7362	Altered spontaneous cortical activity predicts pain perception in individuals with cerebral palsy. <i>Brain Communications</i> , 2022, 4, fcac087.	1.5	3
7363	Resting-state fMRI functional connectivity and mindfulness in clinical and non-clinical contexts: A review and synthesis. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 135, 104583.	2.9	53
7364	Individualized event structure drives individual differences in whole-brain functional connectivity. <i>NeuroImage</i> , 2022, 252, 118993.	2.1	46
7365	Mixed-dictionary models and variational inference in task fMRI for shorter scans and better image quality. <i>Medical Image Analysis</i> , 2022, 78, 102392.	7.0	0
7366	Dynamics of functional network organization through graph mixture learning. <i>NeuroImage</i> , 2022, 252, 119037.	2.1	5
7367	Alterations of regional spontaneous neuronal activity and corresponding brain circuits related to non-suicidal self-injury in young adults with major depressive disorder. <i>Journal of Affective Disorders</i> , 2022, 305, 8-18.	2.0	11
7368	Moving beyond the "CAP" of the Iceberg: Intrinsic connectivity networks in fMRI are continuously engaging and overlapping. <i>NeuroImage</i> , 2022, 251, 119013.	2.1	17
7369	Structure-function coupling within the reward network in preschool children predicts executive functioning in later childhood. <i>Developmental Cognitive Neuroscience</i> , 2022, 55, 101107.	1.9	10
7370	Effects of binge drinking during adolescence and emerging adulthood on the brain: A systematic review of neuroimaging studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 137, 104637.	2.9	14
7371	A study of brain networks for autism spectrum disorder classification using resting-state functional connectivity. <i>Machine Learning With Applications</i> , 2022, 8, 100290.	3.0	14
7372	Cortical connectivity is embedded in resting state at columnar resolution. <i>Progress in Neurobiology</i> , 2022, 213, 102263.	2.8	7
7373	Time-varying dynamic network model for dynamic resting state functional connectivity in fMRI and MEG imaging. <i>NeuroImage</i> , 2022, 254, 119131.	2.1	9

#	ARTICLE	IF	CITATIONS
7374	Brain-Wide Diffuse Optical Tomography Based on Cap-Based, Whole-Head fNIRS Recording. , 2021, 2021, 3609-3612.		1
7375	Investigation of Spontaneous Brain Activity at Rest in Patients with Chronic Pain by Using Resting-state fMRI. The Japanese Journal of Rehabilitation Medicine, 2021, 58, 1235-1242.	0.0	0
7377	Trust and Brain Dynamics. , 2021, , 293-312.		0
7378	Effect of proprioceptive stimulation using a soft robotic glove on motor activation and brain connectivity in stroke survivors. Journal of Neural Engineering, 2021, 18, 066049.	1.8	7
7379	Resting-State Functional Magnetic Resonance Imaging for Surgical Neuro-Oncology Planning: Towards a Standardization in Clinical Settings. Brain Sciences, 2021, 11, 1613.	1.1	5
7380	Evaluating the performance of machine learning models for automatic diagnosis of patients with schizophrenia based on a single site dataset of 440 participants. European Psychiatry, 2022, 65, 1-34.	0.1	5
7381	Altered connectivity in the right inferior frontal gyrus associated with self-control in adolescents exhibiting problematic smartphone use: A fMRI study. Journal of Behavioral Addictions, 2021, 10, 1048-1060.	1.9	10
7382	Altered resting-state functional connectivity of the frontal-striatal circuit in elderly with apathy. PLoS ONE, 2021, 16, e0261334.	1.1	6
7383	Dynamic Functional Connectivity Better Predicts Disability Than Structural and Static Functional Connectivity in People With Multiple Sclerosis. Frontiers in Neuroscience, 2021, 15, 763966.	1.4	7
7384	Surface-Based Spontaneous Oscillation in Schizophrenia: A Resting-State Functional Magnetic Resonance Imaging Study. Frontiers in Human Neuroscience, 2021, 15, 750879.	1.0	2
7385	Transcriptomic and macroscopic architectures of intersubject functional variability in human brain white-matter. Communications Biology, 2021, 4, 1417.	2.0	14
7386	Diffusion tensor imaging is a good tool for assessing patients with dementia and behavioral problems and discriminating them from other dementia patients. Acta Radiologica Open, 2021, 10, 205846012110664.	0.3	0
7387	Structural Covariance Network as an Endophenotype in Alzheimer's Disease-Susceptible Single-Nucleotide Polymorphisms and the Correlations With Cognitive Outcomes. Frontiers in Aging Neuroscience, 2021, 13, 721217.	1.7	5
7388	Abnormal functional connectivity profiles predict drug responsiveness in patients with temporal lobe epilepsy. Epilepsia, 2022, 63, 463-473.	2.6	5
7390	Correlations Between the DMN and the Smoking Cessation Outcome of a Real-Time fMRI Neurofeedback Supported Exploratory Therapy Approach: Descriptive Statistics on Tobacco-Dependent Patients. Clinical EEG and Neuroscience, 2022, 53, 287-296.	0.9	1
7391	Photoacoustic Imaging of Brain Functions: Wide Field-of-View Functional Imaging with High Spatiotemporal Resolution. Laser and Photonics Reviews, 2022, 16, .	4.4	13
7392	Altered Resting-State Intranetwork and Internetwork Functional Connectivity in Patients With Chronic Unilateral Vestibulopathy. Journal of Magnetic Resonance Imaging, 2022, 56, 291-300.	1.9	11
7393	Classification of ASD Subtypes Based on Coherence Features of BOLD Resting-state fMRI Signals. , 2021, , .		1

#	ARTICLE	IF	CITATIONS
7395	Functional changes in neural networks of the brain in patients with spastic diplegia after translingual neurostimulation. <i>Diagnostic Radiology and Radiotherapy</i> , 2021, 12, 26-34.	0.0	0
7396	Repetitive transcranial magnetic stimulation modulates cortical-subcortical connectivity in sensorimotor network. <i>European Journal of Neuroscience</i> , 2022, 55, 227-243.	1.2	5
7398	Gyral hinges account for the highest cost and the highest communication capacity in a corticocortical network. <i>Cerebral Cortex</i> , 2022, 32, 3359-3376.	1.6	6
7399	Resting-state Functional Connectivity After Occipital Stroke. <i>Neurorehabilitation and Neural Repair</i> , 2022, 36, 151-163.	1.4	5
7400	A multimodal neuroimaging study investigating resting-state connectivity, glutamate and GABA at 7 T in first-episode psychosis. <i>Journal of Psychiatry and Neuroscience</i> , 2021, 46, E702-E710.	1.4	10
7401	Pilot Study on Analysis of Electroencephalography Signals from Children with FASD with the Implementation of Naive Bayesian Classifiers. <i>Sensors</i> , 2022, 22, 103.	2.1	5
7402	Changes in Cortical Activity in Stroke Survivors Undergoing Botulinum Neurotoxin Therapy for Treatment of Focal Spasticity. <i>Frontiers in Rehabilitation Sciences</i> , 2021, 2, .	0.5	0
7403	Insights into dÃ©jÃ© vu: Associations between the frequency of experience and amplitudes of low-frequency oscillations in resting-state functional magnetic resonance imaging. <i>European Journal of Neuroscience</i> , 2022, 55, 426-437.	1.2	1
7404	Extended Network-Based Statistics for Measuring Altered Directed Connectivity Components in the Human Brain. , 2021, , .		4
7405	Delineation of Cerebrocerebellar Networks with MRI Measures of Functional and Structural Connectivity. , 2022, , 703-719.		1
7406	Altered Dynamic Functional Connectivity of Cuneus in Schizophrenia Patients: A Resting-State fMRI Study. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 11392.	1.3	23
7407	Aberrant Interhemispheric Functional Connectivity in Diabetic Retinopathy Patients. <i>Frontiers in Neuroscience</i> , 2021, 15, 792264.	1.4	4
7409	Robustness of individualized inferences from longitudinal resting state EEG dynamics. <i>European Journal of Neuroscience</i> , 2022, 56, 3613-3644.	1.2	1
7410	Altered resting state functional connectivity in youth with congenital heart disease operated during infancy. <i>PLoS ONE</i> , 2022, 17, e0264781.	1.1	4
7411	The modulatory effect of acupuncture on amygdala functional connectivity: narrative review of the clinical research. <i>Research, Society and Development</i> , 2022, 11, e4011628870.	0.0	0
7412	High activity and high functional connectivity are mutually exclusive in resting state zebrafish and human brains. <i>BMC Biology</i> , 2022, 20, 84.	1.7	2
7413	Impact of childhood cerebellar tumor surgery on cognition revealed by precuneus hyperconnectivity. <i>Neuro-Oncology Advances</i> , 2022, 4, v000050.	0.4	1
7414	Thalamocortical functional connectivity in infants with prenatal opioid exposure correlates with severity of neonatal opioid withdrawal syndrome. <i>Neuroradiology</i> , 2022, 64, 1649-1659.	1.1	9

#	ARTICLE	IF	CITATIONS
7416	Molecular basis underlying functional connectivity of fusiform gyrus subregions: A transcriptome-neuroimaging spatial correlation study. <i>Cortex</i> , 2022, 152, 59-73.	1.1	15
7417	The effects of nalmefene on the impulsive and reflective system in alcohol use disorder: A resting-state fMRI study. <i>Psychopharmacology</i> , 2022, 239, 2471-2489.	1.5	2
7418	The Neuro-Endo-Microbio-Ome Study: A Pilot Study of Neurobiological Alterations Pre- Versus Post-Bariatric Surgery. <i>Biological Research for Nursing</i> , 2022, 24, 362-378.	1.0	9
7419	Visual expertise modulates baseline brain activity: a preliminary resting-state fMRI study using expertise model of radiologists. <i>BMC Neuroscience</i> , 2022, 23, 24.	0.8	3
7420	Atypical Functional Connectivity During Unfamiliar Music Listening in Children With Autism. <i>Frontiers in Neuroscience</i> , 2022, 16, 829415.	1.4	2
7421	Motion correction and volumetric reconstruction for fetal functional magnetic resonance imaging data. <i>NeuroImage</i> , 2022, 255, 119213.	2.1	7
7423	Functional magnetic resonance imaging monitoring of therapeutic interventions in multiple sclerosis. , 0, , 120-126.		0
7623	Alterations in resting-state whole-brain functional connectivity pattern similarity in bipolar disorder patients. <i>Brain and Behavior</i> , 2022, 12, e2580.	1.0	3
7624	Whole-Brain Modelling: Past, Present, and Future. <i>Advances in Experimental Medicine and Biology</i> , 2022, 1359, 313-355.	0.8	2
7625	The role of the locus coeruleus in shaping adaptive cortical melodies. <i>Trends in Cognitive Sciences</i> , 2022, 26, 527-538.	4.0	19
7626	Effects of Methylphenidate on Somatic Symptoms and Brain Functional Connectivity in Adolescents with Attention Deficit Hyperactivity Disorder: A Pilot Study. <i>Clinical Psychopharmacology and Neuroscience</i> , 2022, 20, 259-270.	0.9	2
7627	Network-specific selectivity of functional connections in the neonatal brain. <i>Cerebral Cortex</i> , 2023, 33, 2200-2214.	1.6	13
7629	Functional Connectome-Based Predictive Modeling in Autism. <i>Biological Psychiatry</i> , 2022, 92, 626-642.	0.7	20
7630	Frequency-specific coactivation patterns in resting-state and their alterations in schizophrenia: An fMRI study. <i>Human Brain Mapping</i> , 2022, 43, 3792-3808.	1.9	8
7631	Association between aerobic fitness and the functional connectome in patients with schizophrenia. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2022, 272, 1253-1272.	1.8	4
7633	Revealing the Neuroimaging Mechanism of Acupuncture for Poststroke Aphasia: A Systematic Review. <i>Neural Plasticity</i> , 2022, 2022, 1-23.	1.0	4
7634	Functional Imaging for Neurodegenerative Diseases. <i>Presse Medicale</i> , 2022, 51, 104121.	0.8	3
7635	Variability in Resting-State Functional Magnetic Resonance Imaging: The Effect of Body Mass, Blood Pressure, Hematocrit, and Glycated Hemoglobin on Hemodynamic and Neuronal Parameters. <i>Brain Connectivity</i> , 2022, 12, 870-882.	0.8	5

#	ARTICLE	IF	CITATIONS
7636	Estimating High-Order Brain Functional Networks in Bayesian View for Autism Spectrum Disorder Identification. <i>Frontiers in Neuroscience</i> , 2022, 16, 872848.	1.4	1
7637	Cognitive outcome is related to functional thalamo-cortical connectivity after paediatric stroke. <i>Brain Communications</i> , 2022, 4, .	1.5	2
7638	Toward Precise Localization of Abnormal Brain Activity: 1D CNN on Single Voxel fMRI Time-Series. <i>Frontiers in Computational Neuroscience</i> , 2022, 16, 822237.	1.2	1
7639	Open Eyes Increase Neural Oscillation and Enhance Effective Brain Connectivity of the Default Mode Network: Resting-State Electroencephalogram Research. <i>Frontiers in Neuroscience</i> , 2022, 16, 861247.	1.4	2
7641	A systematic data-driven approach to analyze sensor-level <scp>EEG</scp> connectivity: Identifying robust phase-synchronized network components using surface Laplacian with spectral <scp>PCA</scp>. <i>Psychophysiology</i> , 2022, 59, e14080.	1.2	4
7642	Exposure to traffic-related air pollution and noise during pregnancy and childhood, and functional brain connectivity in preadolescents. <i>Environment International</i> , 2022, 164, 107275.	4.8	11
7643	Altered Brain Connectivity Patterns of Individual Differences in Insightful Problem Solving. <i>Frontiers in Behavioral Neuroscience</i> , 2022, 16, .	1.0	5
7644	The Altered Pattern of the Functional Connectome Related to Pathological Biomarkers in Individuals for Autism Spectrum Disorder Identification. <i>Frontiers in Neuroscience</i> , 2022, 16, .	1.4	4
7645	Resting-state Networks in Tinnitus. <i>Clinical Neuroradiology</i> , 2022, 32, 903-922.	1.0	11
7646	Markov-switching state-space models with applications to neuroimaging. <i>Computational Statistics and Data Analysis</i> , 2022, 174, 107525.	0.7	3
7647	Accounting for motion in resting-state fMRI: What part of the spectrum are we characterizing in autism spectrum disorder?. <i>NeuroImage</i> , 2022, 257, 119296.	2.1	13
7648	Estrogen, Cognitive Performance, and Functional Imaging Studies: What Are We Missing About Neuroprotection?. <i>Frontiers in Cellular Neuroscience</i> , 2022, 16, .	1.8	3
7649	Changes in the amplitude of low-frequency fluctuations in specific frequency bands in major depressive disorder after electroconvulsive therapy. <i>World Journal of Psychiatry</i> , 2022, 12, 708-721.	1.3	2
7650	Forecasting brain activity based on models of spatiotemporal brain dynamics: A comparison of graph neural network architectures. <i>Network Neuroscience</i> , 2022, 6, 665-701.	1.4	3
7651	Primitive detection of Alzheimer's disease using neuroimaging: A progression model for Alzheimer's disease: Their applications, benefits, and drawbacks. <i>Journal of Intelligent and Fuzzy Systems</i> , 2022, 43, 4431-4444.	0.8	6
7652	Associations between corpus callosum damage, clinical disability, and surface-based homologous inter-hemispheric connectivity in multiple sclerosis. <i>Brain Structure and Function</i> , 2022, 227, 2909-2922.	1.2	4
7653	Static magnetic field stimulation over motor cortex modulates resting functional connectivity in humans. <i>Scientific Reports</i> , 2022, 12, 7834.	1.6	2
7654	The multifaceted nature of language across adulthood. <i>Brain and Language</i> , 2022, 230, 105125.	0.8	0

#	ARTICLE	IF	CITATIONS
7655	Resting-state functional connectivity of social brain regions predicts motivated dishonesty. <i>NeuroImage</i> , 2022, 256, 119253.	2.1	10
7656	Tonic pain alters functional connectivity of the descending pain modulatory network involving amygdala, periaqueductal gray, parabrachial nucleus and anterior cingulate cortex. <i>NeuroImage</i> , 2022, 256, 119278.	2.1	11
7657	Variability of regional glucose metabolism and the topology of functional networks in the human brain. <i>NeuroImage</i> , 2022, 257, 119280.	2.1	7
7658	Differentiating Individuals with and without Alcohol Use Disorder Using Resting-State fMRI Functional Connectivity of Reward Network, Neuropsychological Performance, and Impulsivity Measures. <i>Behavioral Sciences (Basel, Switzerland)</i> , 2022, 12, 128.	1.0	7
7659	Meta-matching as a simple framework to translate phenotypic predictive models from big to small data. <i>Nature Neuroscience</i> , 2022, 25, 795-804.	7.1	29
7660	Age- and Episodic Memory-related Differences in Task-based Functional Connectivity in Women and Men. <i>Journal of Cognitive Neuroscience</i> , 2022, 34, 1500-1520.	1.1	4
7661	Graph Ricci curvatures reveal atypical functional connectivity in autism spectrum disorder. <i>Scientific Reports</i> , 2022, 12, 8295.	1.6	4
7662	Ageing-Associated Cognitive Decline is Reversed by D-Serine Supplementation. <i>ENeuro</i> , 2022, 9, ENEURO.0176-22.2022.	0.9	6
7663	Functional connectivity in the Gilles de la Tourette syndrome. <i>International Review of Movement Disorders</i> , 2022, , .	0.1	0
7665	Changes in white matter functional networks during wakefulness and sleep. <i>Human Brain Mapping</i> , 0, , .	1.9	4
7666	Altered Intrinsic Brain Activity in Patients With Late-Life Depression: A Resting-State Functional MRI Study. <i>Frontiers in Psychiatry</i> , 2022, 13, .	1.3	2
7667	Effects of Different Scan Duration on Brain Effective Connectivity among Default Mode Network Nodes. <i>Diagnostics</i> , 2022, 12, 1277.	1.3	3
7669	Decreasing integration within face network and segregation beyond the face network in the aging brain. <i>PsyCh Journal</i> , 0, , .	0.5	1
7671	Sources of multifractality of the brain rs-fMRI signal. <i>Chaos, Solitons and Fractals</i> , 2022, 160, 112222.	2.5	6
7672	The reduction of vitamin D in females with major depressive disorder is associated with worse cognition mediated by abnormal brain functional connectivity. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2022, 118, 110577.	2.5	4
7673	Imaging connectivity and functional brain networks in mild traumatic brain injury. , 2022, , 379-391.		0
7674	Functional and morphological reorganization of the brain following spinal cord injury: Insights from MRI. , 2022, , 327-338.		0
7675	Future Directions for Chemosensory Connectomes: Best Practices and Specific Challenges. <i>Frontiers in Systems Neuroscience</i> , 2022, 16, .	1.2	3

#	ARTICLE	IF	CITATIONS
7676	Training-Specific Changes in Regional Spontaneous Neural Activity Among Professional Chinese Chess Players. <i>Frontiers in Neuroscience</i> , 2022, 16, .	1.4	1
7677	Neural network involvement for religious experiences in worship measured by EEG microstate analysis. <i>Social Neuroscience</i> , 2022, 17, 258-275.	0.7	5
7678	Resting-State Neuronal Activity and Functional Connectivity Changes in the Visual Cortex after High Altitude Exposure: A Longitudinal Study. <i>Brain Sciences</i> , 2022, 12, 724.	1.1	5
7679	Eyes-closed versus eyes-open differences in spontaneous neural dynamics during development. <i>NeuroImage</i> , 2022, 258, 119337.	2.1	11
7680	Sexually divergent development of depression-related brain networks during healthy human adolescence. <i>Science Advances</i> , 2022, 8, .	4.7	14
7682	Reorganized Brain Functional Network Topology in Presbycusis. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	7
7683	Whole-Brain Network Models: From Physics to Bedside. <i>Frontiers in Computational Neuroscience</i> , 0, 16, .	1.2	18
7684	The broad edge of synchronization: Griffiths effects and collective phenomena in brain networks. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2022, 380, .	1.6	12
7685	Functional neuroanatomy of English word reading in early bilingual and monolingual adults. <i>Human Brain Mapping</i> , 2022, 43, 4310-4325.	1.9	1
7686	Brain Activity Characteristics of Patients With Disorders of Consciousness in the EEG Resting State Paradigm: A Review. <i>Frontiers in Systems Neuroscience</i> , 2022, 16, .	1.2	9
7687	Impaired Functional Homotopy and Topological Properties Within the Default Mode Network of Children With Generalized Tonic-Clonic Seizures: A Resting-State fMRI Study. <i>Frontiers in Neuroscience</i> , 2022, 16, .	1.4	3
7688	Static and temporal dynamic changes of intrinsic brain activity in pediatric and adults OCD. <i>Journal of Affective Disorders</i> , 2022, 311, 416-424.	2.0	5
7692	Amplitude of low-frequency fluctuations in multiple-frequency bands in patients with intracranial tuberculosis: a prospective cross-sectional study. <i>Quantitative Imaging in Medicine and Surgery</i> , 2022, 12, 4120-4134.	1.1	5
7693	Cognitive control inhibition networks in adulthood are impaired by early iron deficiency in infancy. <i>NeuroImage: Clinical</i> , 2022, 35, 103089.	1.4	2
7695	Task- and resting-state fMRI studies in multiple sclerosis: From regions to systems and time-varying analysis. Current status and future perspective. <i>NeuroImage: Clinical</i> , 2022, 35, 103076.	1.4	22
7697	The Differences in Structure and Function of the Cerebellum Between Cantonese-Mandarin Bilinguals and Mandarin Monolinguals: a Multi-model MRI Study. <i>Cerebellum</i> , 0, , .	1.4	0
7698	NeoRS: A Neonatal Resting State fMRI Data Preprocessing Pipeline. <i>Frontiers in Neuroinformatics</i> , 0, 16, .	1.3	0
7700	Classification of early-MCI patients from healthy controls using evolutionary optimization of graph measures of resting-state fMRI, for the Alzheimer's disease neuroimaging initiative. <i>PLoS ONE</i> , 2022, 17, e0267608.	1.1	11

#	ARTICLE	IF	CITATIONS
7701	Evolution of reading and face circuits during the first three years of reading acquisition. <i>NeuroImage</i> , 2022, 259, 119394.	2.1	10
7702	Optimized Multiscale Entropy Model Based on Resting-State fMRI for Appraising Cognitive Performance in Healthy Elderly. <i>Computational and Mathematical Methods in Medicine</i> , 2022, 2022, 1-12.	0.7	0
7703	Muskelin regulates actin-dependent synaptic changes and intrinsic brain activity relevant to behavioral and cognitive processes. <i>Communications Biology</i> , 2022, 5, .	2.0	1
7704	Functional alterations in large-scale resting-state networks of amyotrophic lateral sclerosis: A multi-site study across Canada and the United States. <i>PLoS ONE</i> , 2022, 17, e0269154.	1.1	8
7705	Typical resting-state activity of the brain requires visual input during an early sensitive period. <i>Brain Communications</i> , 2022, 4, .	1.5	5
7706	A Resting State Functional Magnetic Resonance Imaging Study of Unmedicated Adolescents With Non-suicidal Self-Injury Behaviors: Evidence From the Amplitude of Low-Frequency Fluctuation and Regional Homogeneity Indicator. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	4
7707	Abnormal Ventral Somatomotor Network Homogeneity in Patients With Temporal Lobe Epilepsy. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	2
7708	Similar functional networks predict performance in both perceptual and value-based decision tasks. <i>Cerebral Cortex</i> , 2023, 33, 2669-2681.	1.6	0
7709	Maturation of large-scale brain systems over the first month of life. <i>Cerebral Cortex</i> , 2023, 33, 2788-2803.	1.6	8
7710	Resting-State Brain Network Analysis Methods and Applications. , 0, , .		0
7711	Aberrant stability of brain functional architecture in cirrhotic patients with minimal hepatic encephalopathy. <i>Brain Imaging and Behavior</i> , 2022, 16, 2258-2267.	1.1	6
7712	Aberrant functional connectivity within the salience network is related to cognitive deficits and disorganization in psychosis. <i>Schizophrenia Research</i> , 2022, 246, 103-111.	1.1	6
7713	Abnormal Functional Connectivity of Thalamic Subdivisions in Alzheimer's Disease: A Functional Magnetic Resonance Imaging Study. <i>Neuroscience</i> , 2022, 496, 73-82.	1.1	6
7714	A novel multigranularity feature-selection method based on neighborhood mutual information and its application in autistic patient identification. <i>Biomedical Signal Processing and Control</i> , 2022, 78, 103887.	3.5	1
7715	Spontaneous Activity, <i>Models of</i> , 2022, , 3289-3293.		0
7716	Neuroimaging, <i>Neural Population Models for</i> , 2022, , 2256-2281.		0
7717	Increased cortical-medulla functional connectivity is correlated with swallowing in dysphagia patients with subacute infratentorial stroke. <i>NeuroImage: Clinical</i> , 2022, 35, 103104.	1.4	4
7718	Functional Connectivity of Cortical Resting-State Networks is Differentially Affected by Rest Conditions. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0

#	ARTICLE	IF	CITATIONS
7719	A systematic review on resting state functional connectivity in patients with neurodegenerative disease and hallucinations. <i>NeuroImage: Clinical</i> , 2022, 35, 103112.	1.4	8
7720	Pathological changes of brain oscillations following ischemic stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 1753-1776.	2.4	8
7721	The Degree Centrality and Functional Connectivity in Patients With Temporal Lobe Epilepsy Presenting as Ictal Panic: A Resting State fMRI Study. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	6
7722	Static and Dynamic Characteristics of Functional Network Connectivity in Neurologically Asymptomatic Patients Undergoing Maintenance Hemodialysis: A Resting State Functional MRI Study. <i>Journal of Magnetic Resonance Imaging</i> , 0, , .	1.9	2
7723	Features of residual brain activity in patients with chronic disorders of consciousness on resting-state functional MRI. <i>Annals of Clinical and Experimental Neurology</i> , 2022, 16, 15-24.	0.1	0
7724	Adaptation of prelimbic cortex mediated by IL-6/STAT3/Acp5 pathway contributes to the comorbidity of neuropathic pain and depression in rats. <i>Journal of Neuroinflammation</i> , 2022, 19, .	3.1	10
7725	Targeting Affective Mood Disorders With Ketamine to Prevent Chronic Postsurgical Pain. <i>Frontiers in Pain Research</i> , 0, 3, .	0.9	2
7726	Transcriptome Profiling of the Dorsomedial Prefrontal Cortex in Suicide Victims. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7067.	1.8	4
7727	May the 4C's be with you: an overview of complexity-inspired frameworks for analysing resting-state neuroimaging data. <i>Journal of the Royal Society Interface</i> , 2022, 19, .	1.5	9
7728	EEG Resting-State Functional Networks in Amnesic Mild Cognitive Impairment. <i>Clinical EEG and Neuroscience</i> , 2023, 54, 36-50.	0.9	7
7729	Misconfigured striatal connectivity profiles in smokers. <i>Neuropsychopharmacology</i> , 2022, 47, 2081-2089.	2.8	1
7730	Dynamic and stationary brain connectivity during movie watching as revealed by functional MRI. <i>Brain Structure and Function</i> , 2022, 227, 2299-2312.	1.2	3
7732	Structural and Functional Brain Connectivity Uniquely Contribute to Episodic Memory Performance in Older Adults. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	4
7733	Altered resting state functional connectivity of default mode network in brachioradial pruritus. <i>Journal of the European Academy of Dermatology and Venereology</i> , 0, , .	1.3	2
7735	Remediating Intractable Headache: An Effective Nonpharmacological Approach Employing Infralow Frequency Neuromodulation. <i>Frontiers in Human Neuroscience</i> , 0, 16, .	1.0	1
7736	The dynamic shaping of local cortical circuitry by sex and age, and its relation to Pattern Comparison Processing Speed. <i>Journal of Neurophysiology</i> , 0, , .	0.9	0
7737	Shared and distinct structure-function substrates of heterogenous distractor suppression ability between high and low working memory capacity individuals. <i>NeuroImage</i> , 2022, 260, 119483.	2.1	2
7738	Anesthetic modulations dissociate neuroelectric characteristics between sensory-evoked and spontaneous activities across bilateral rat somatosensory cortical laminae. <i>Scientific Reports</i> , 2022, 12, .	1.6	1

#	ARTICLE	IF	CITATIONS
7739	BOLD co-fluctuation "events"™ are predicted from static functional connectivity. <i>NeuroImage</i> , 2022, 260, 119476.	2.1	21
7740	Somatosensory Deficits After Stroke: Insights From MRI Studies. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	4
7743	From single-neuron dynamics to higher-order circuit motifs in control and pathological brain networks. <i>Journal of Physiology</i> , 2023, 601, 3011-3024.	1.3	3
7744	Motor Network Reorganization Induced in Chronic Stroke Patients with the Use of a Contralesionally-Controlled Brain Computer Interface. <i>Brain-Computer Interfaces</i> , 2022, 9, 179-192.	0.9	2
7745	Functional coordinates: Modeling interactions between brain regions as points in a function space. <i>Network Neuroscience</i> , 2022, 6, 1296-1315.	1.4	2
7747	Connectome-based individualized prediction of reciprocity propensity and sensitivity to framing: a resting-state functional magnetic resonance imaging study. <i>Cerebral Cortex</i> , 2023, 33, 3193-3206.	1.6	3
7750	Brain-wide neural co-activations in resting human. <i>NeuroImage</i> , 2022, 260, 119461.	2.1	3
7751	Impaired time-distance reconfiguration patterns in Alzheimer's disease: a dynamic functional connectivity study with 809 individuals from 7 sites. <i>BMC Bioinformatics</i> , 2022, 23, .	1.2	1
7752	Regional homogeneity of adolescents with high-functioning autism spectrum disorder and its association with symptom severity. <i>Brain and Behavior</i> , 2022, 12, .	1.0	4
7753	Resting-state functional connectivity of the amygdala in major depressive disorder with suicidal ideation. <i>Journal of Psychiatric Research</i> , 2022, 153, 189-196.	1.5	4
7754	Act natural: Functional connectivity from naturalistic stimuli fMRI outperforms resting-state in predicting brain activity. <i>NeuroImage</i> , 2022, 258, 119359.	2.1	14
7755	Reduced functional connectivity supports statistical learning of temporally distributed regularities. <i>NeuroImage</i> , 2022, 260, 119459.	2.1	4
7756	Impact of EEG Frequency Bands and Data Separation on the Performance of Person Verification Employing Neural Networks. <i>Sensors</i> , 2022, 22, 5529.	2.1	4
7757	Reconfiguration of static and dynamic thalamo-cortical network functional connectivity of epileptic children with generalized tonic-clonic seizures. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	1
7758	Structural disconnection and functional reorganization in Fabry disease: a multimodal MRI study. <i>Brain Communications</i> , 2022, 4, .	1.5	4
7759	Performances of whole-brain dynamic and static functional connectivity fingerprinting in machine learning-based classification of major depressive disorder. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	3
7760	Association between Functional Connectivity of Entorhinal Cortex and Olfactory Performance in Parkinson's Disease. <i>Brain Sciences</i> , 2022, 12, 963.	1.1	0
7761	Model-based stationarity filtering of long-term memory data applied to resting-state blood-oxygen-level-dependent signal. <i>PLoS ONE</i> , 2022, 17, e0268752.	1.1	0

#	ARTICLE	IF	CITATIONS
7762	Resting-state functional MRI for motor cortex mapping in childhood-onset focal epilepsy. <i>Journal of Neuroimaging</i> , 0, , .	1.0	5
7763	A window into eye movement dysfunction following mTBI: A scoping review of magnetic resonance imaging and eye tracking findings. <i>Brain and Behavior</i> , 2022, 12, .	1.0	6
7764	Altered resting-state functional connectivity within corticostriatal and subcortical-striatal circuits in chronic pain. <i>Scientific Reports</i> , 2022, 12, .	1.6	7
7765	Mapping correlated neurological deficits after stroke to distributed brain networks. <i>Brain Structure and Function</i> , 2022, 227, 3173-3187.	1.2	18
7767	Transient brain-wide coactivations and structured transitions revealed in hemodynamic imaging data. <i>NeuroImage</i> , 2022, 260, 119460.	2.1	1
7770	Aberrant brain connectivity is associated with childhood maltreatment in individuals with major depressive disorder. <i>Brain Imaging and Behavior</i> , 2022, 16, 2021-2036.	1.1	3
7771	A parsimonious description of global functional brain organization in three spatiotemporal patterns. <i>Nature Neuroscience</i> , 2022, 25, 1093-1103.	7.1	53
7772	Traveling and standing waves in the brain. <i>Nature Neuroscience</i> , 2022, 25, 980-981.	7.1	6
7773	Differences in intrinsic functional networks in patients with essential tremor who had good and poor long-term responses after thalamotomy performed using MR-guided ultrasound. <i>Journal of Neurosurgery</i> , 2023, 138, 318-328.	0.9	4
7774	Cognitive decline is associated with frequency-specific resting state functional changes in normal aging. <i>Brain Imaging and Behavior</i> , 0, , .	1.1	0
7775	Inter-Network Brain Functional Connectivity in Adolescents Assigned Female at Birth Who Experience Gender Dysphoria. <i>Frontiers in Endocrinology</i> , 0, 13, .	1.5	3
7776	Abnormal Dynamic Functional Connectivity of the Left Rostral Hippocampus in Predicting Antidepressant Efficacy in Major Depressive Disorder. <i>Psychiatry Investigation</i> , 2022, 19, 562-569.	0.7	2
7777	Concordance of functional MRI memory task and resting-state functional MRI connectivity used in surgical planning for pediatric temporal lobe epilepsy. <i>Journal of Neurosurgery: Pediatrics</i> , 2022, 30, 394-399.	0.8	0
7778	Transcriptional substrates underlying functional connectivity profiles of subregions within the human sensorimotor cortex. <i>Human Brain Mapping</i> , 2022, 43, 5562-5578.	1.9	6
7779	Task-based functional connectivity of the Useful Field of View (UFOV) fMRI task. <i>GeroScience</i> , 2023, 45, 293-309.	2.1	2
7780	Involvement of the intrinsic functional network of the red nucleus in complex behavioral processing. <i>Cerebral Cortex Communications</i> , 2022, 3, .	0.7	3
7781	Activity flow mapping over probabilistic functional connectivity. <i>Human Brain Mapping</i> , 0, , .	1.9	0
7782	Temporal stability of the hemodynamic response function across the majority of human cerebral cortex. <i>Human Brain Mapping</i> , 2022, 43, 4924-4942.	1.9	7

#	ARTICLE	IF	CITATIONS
7784	The hand motor hotspot for seed-based functional connectivity of hand motor networks at rest. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	5
7785	Disrupted Spontaneous Neural Activity and Its Interaction With Pain and Emotion in Temporomandibular Disorders. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	7
7786	The default mode network, depression and Alzheimer's disease. <i>International Psychogeriatrics</i> , 2022, 34, 675-678.	0.6	2
7787	The comorbidity and cognition in multiple sclerosis (CCOMS) neuroimaging protocol: Study rationale, MRI acquisition, and minimal image processing pipelines. , 0, 1, .		4
7788	Reproducibility of functional connectivity metrics estimated from resting-state functional MRI with differences in days, coils, and global signal regression. <i>Radiological Physics and Technology</i> , 2022, 15, 298-310.	1.0	2
7789	Structural and functional biomarkers of the effect of navigational repetitive transcranial magnetic stimulation in patients with drug-resistant depression. <i>Nevrologiya, Neiropsikhiatriya, Psikhosomatika</i> , 2022, 14, 12-19.	0.2	1
7790	Correction of global physiology in resting-state functional near-infrared spectroscopy. <i>Neurophotonics</i> , 2022, 9, .	1.7	5
7791	The aberrant dynamic amplitude of low-frequency fluctuations in melancholic major depressive disorder with insomnia. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	2
7792	Intrinsic brain abnormalities in female major depressive disorder patients with childhood trauma: A resting-state functional magnetic resonance imaging study. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	0
7793	Brain functional connectivity differences between responders and non-responders to sleeve gastrectomy. <i>Neuroradiology</i> , 0, , .	1.1	0
7794	Global Network Analysis of Alzheimer's Disease with Minimum Spanning Trees. <i>Journal of Alzheimer's Disease</i> , 2022, 89, 571-581.	1.2	3
7795	Increased functional connectivity of white-matter in myotonic dystrophy type 1. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	1
7796	Comparison of Functional Connectivity Analysis Methods in Alzheimer's Disease. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 8096.	1.3	2
7797	A sex-dependent computer aided diagnosis system for autism spectrum disorder using connectivity of resting-state fMRI. <i>Journal of Neural Engineering</i> , 0, , .	1.8	2
7798	Regional homogeneity alterations in multifrequency bands in patients with basal ganglia stroke: A resting-state functional magnetic resonance imaging study. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	3
7799	Low-frequency rTMS targeting individual self-initiated finger-tapping task activation modulates the amplitude of local neural activity in the putamen. <i>Human Brain Mapping</i> , 2023, 44, 203-217.	1.9	2
7802	The altered functional connectivity density related to cognitive impairment in alcoholics. <i>Frontiers in Psychology</i> , 0, 13, .	1.1	2
7803	An fMRI dataset for whole-body somatotopic mapping in humans. <i>Scientific Data</i> , 2022, 9, .	2.4	3

#	ARTICLE	IF	CITATIONS
7804	Connectivity impairment of cerebellar and sensorimotor connector hubs in Parkinson's disease. <i>Brain Communications</i> , 2022, 4, .	1.5	3
7805	Circuit-Based Approaches to Understanding Corticostriathalamic Dysfunction Across the Psychosis Continuum. <i>Biological Psychiatry</i> , 2023, 93, 113-124.	0.7	9
7806	On the Spatial Distribution of Temporal Complexity in Resting State and Task Functional MRI. <i>Entropy</i> , 2022, 24, 1148.	1.1	3
7807	Reorganizations of latency structures within the white matter from wakefulness to sleep. <i>Magnetic Resonance Imaging</i> , 2022, 93, 52-61.	1.0	0
7808	Cerebral blood flow and cardiovascular risk effects on resting brain regional homogeneity. <i>NeuroImage</i> , 2022, 262, 119555.	2.1	1
7810	Decreased resting-state functional connectivity of the habenula-cerebellar in a major depressive disorder. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	2
7812	Discrete scaling and criticality in a chain of adaptive excitable integrators. <i>Chaos, Solitons and Fractals</i> , 2022, 163, 112574.	2.5	0
7813	Structural and functional brain alterations in Cushing's disease: A narrative review. <i>Frontiers in Neuroendocrinology</i> , 2022, 67, 101033.	2.5	1
7814	From brain-body function to conscious interactions. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 141, 104833.	2.9	2
7815	A spatio-temporal decomposition framework for dynamic functional connectivity in the human brain. <i>NeuroImage</i> , 2022, 263, 119618.	2.1	5
7816	Common and unique neural activities in subclinical depression and major depressive disorder indicate the development of brain impairments in different depressive stages. <i>Journal of Affective Disorders</i> , 2022, 317, 278-286.	2.0	6
7817	Comparing resting-state connectivity of working memory networks in U.S. Service members with mild traumatic brain injury and posttraumatic stress disorder. <i>Brain Research</i> , 2022, 1796, 148099.	1.1	1
7818	Predicting the severity of internet gaming disorder with resting-state brain features: A multi-voxel pattern analysis. <i>Journal of Affective Disorders</i> , 2022, 318, 113-122.	2.0	4
7819	Functional connectivity of cortical resting-state networks is differentially affected by rest conditions. <i>Brain Research</i> , 2022, 1796, 148081.	1.1	4
7820	Variability and concordance among indices of brain activity in major depressive disorder with suicidal ideation: A temporal dynamics resting-state fMRI analysis. <i>Journal of Affective Disorders</i> , 2022, 319, 70-78.	2.0	6
7821	The role of basal ganglia network in neural plasticity in neuromyelitis optica spectrum disorder with myelitis. <i>Multiple Sclerosis and Related Disorders</i> , 2022, 68, 104170.	0.9	2
7822	Prediction of brain age based on the community structure of functional networks. <i>Biomedical Signal Processing and Control</i> , 2023, 79, 104151.	3.5	4
7823	Classification of 4D fMRI Images Using ML, Focusing on Computational and Memory Utilization Efficiency. <i>Lecture Notes in Computer Science</i> , 2022, , 55-64.	1.0	0

#	ARTICLE	IF	CITATIONS
7824	Adolescent depression and resting-state fMRI brain networks: a scoping review of longitudinal studies. <i>Revista Brasileira De Psiquiatria</i> , 2022, , .	0.9	2
7825	Disconnection Syndromes. <i>Noropsikiyatri Arsivi</i> , 2022, , .	0.2	0
7827	Imaging the neural underpinnings of freezing of gait in Parkinson's disease. <i>NeuroImage: Clinical</i> , 2022, 35, 103123.	1.4	8
7828	RefineNet: An Automated Framework to Generate Task and Subject-Specific Brain Parcellations for Resting-State fMRI Analysis. <i>Lecture Notes in Computer Science</i> , 2022, , 315-325.	1.0	2
7829	Neurosurgical treatment planning. , 2022, , 239-256.		0
7830	Involvement of cerebellar and subcortical connector hubs in schizophrenia. <i>NeuroImage: Clinical</i> , 2022, 35, 103140.	1.4	7
7831	Deep Spatio-Temporal Attention-Based Recurrent Network From Dynamic Adaptive Functional Connectivity for MCI Identification. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2022, 30, 2600-2612.	2.7	2
7832	Alterations in Large-Scale Intrinsic Connectivity Networks in the Parkinson's Disease-Associated Cognitive Impairment Continuum: A Systematic Review. <i>Noropsikiyatri Arsivi</i> , 2022, , .	0.2	0
7833	MRI predictors of pharmacotherapy response in major depressive disorder. <i>NeuroImage: Clinical</i> , 2022, 36, 103157.	1.4	16
7834	An insight into applications of deep learning in neuroimaging. , 2023, , 323-340.		0
7836	Deep Learning Approach for Classification and Interpretation of Autism Spectrum Disorder. , 2022, , .		2
7837	Functional Connectivity Stability: A Signature of Neurocognitive Development and Psychiatric Problems in Children. , 2022, , .		2
7838	Longitudinal Changes in Resting State FMRI Spectra in Children. , 2022, , .		0
7839	Brain disorder prediction with dynamic multivariate spatio-temporal features: Application to Alzheimer's disease and autism spectrum disorder. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	4
7840	Moxibustion for primary dysmenorrhea: A resting-state functional magnetic resonance imaging study exploring the alteration of functional connectivity strength and functional connectivity. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	7
7841	More than just statics: Static and temporal dynamic changes in intrinsic brain activity in unilateral temporal lobe epilepsy. <i>Frontiers in Human Neuroscience</i> , 0, 16, .	1.0	4
7842	Divergences Between Resting State Networks and Meta-Analytic Maps Of Task-Evoked Brain Activity. <i>Open Neuroimaging Journal</i> , 2022, 15, .	0.2	0
7843	Brain-wide functional connectivity of face patch neurons during rest. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	3

#	ARTICLE	IF	CITATIONS
7844	The early adolescent brain on music: Analysis of functional dynamics reveals engagement of orbitofrontal cortex reward system. <i>Human Brain Mapping</i> , 2023, 44, 429-446.	1.9	9
7845	Carotenoids improve the development of cerebral cortical networks in formula-fed infant macaques. <i>Scientific Reports</i> , 2022, 12, .	1.6	3
7846	Functional connectivity alterations in migraineurs with Alice in Wonderland syndrome. <i>Neurological Sciences</i> , 2023, 44, 305-317.	0.9	3
7847	fMRI studies evaluating central respiratory control in humans. <i>Frontiers in Neural Circuits</i> , 0, 16, .	1.4	3
7848	Sight restoration reverses blindness-induced cross-modal functional connectivity changes between the visual and somatosensory cortex at rest. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	1
7849	Genetic Heterogeneity Shapes Brain Connectivity in Psychiatry. <i>Biological Psychiatry</i> , 2023, 93, 45-58.	0.7	9
7851	Perceived stress modulates the activity between the amygdala and the cortex. <i>Molecular Psychiatry</i> , 2022, 27, 4939-4947.	4.1	5
7852	Frequency-specific alterations in intrinsic low-frequency oscillations in newly diagnosed male patients with obstructive sleep apnea. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	1
7853	Altered Brain Functional Connectivity in Female Athletes Over the Course of a Season of Collision or Contact Sports. <i>Neurotrauma Reports</i> , 2022, 3, 377-387.	0.5	0
7856	Neural signatures of default mode network in major depression disorder after electroconvulsive therapy. <i>Cerebral Cortex</i> , 2023, 33, 3840-3852.	1.6	12
7857	Reduced segregation of brain networks in spatial neglect after stroke. <i>Brain Connectivity</i> , 0, , .	0.8	1
7858	Selecting Multiple Node Statistics Jointly from Functional Connectivity Networks for Brain Disorders Identification. <i>Brain Topography</i> , 2022, 35, 559-571.	0.8	3
7859	Decreasing distance from tumor to the language network causes language deficit. <i>Human Brain Mapping</i> , 0, , .	1.9	1
7860	Magnetic resonance imaging of the dopamine system in schizophrenia – A scoping review. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	4
7861	Functional and structural brain differences in bipolar disorder: a multimodal meta-analysis of neuroimaging studies. <i>Psychological Medicine</i> , 2022, 52, 2861-2873.	2.7	13
7864	The older adult brain is less modular, more integrated, and less efficient at rest: A systematic review of large-scale resting-state functional brain networks in aging. <i>Psychophysiology</i> , 2023, 60, .	1.2	26
7865	Resting-State fMRI Whole Brain Network Function Plasticity Analysis in Attention Deficit Hyperactivity Disorder. <i>Neural Plasticity</i> , 2022, 2022, 1-15.	1.0	3
7866	The atypical functional connectivity of Broca's area at multiple frequency bands in autism spectrum disorder. <i>Brain Imaging and Behavior</i> , 2022, 16, 2627-2636.	1.1	1

#	ARTICLE	IF	CITATIONS
7867	Combining CRISPR-Cas9 and brain imaging to study the link from genes to molecules to networks. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	3
7868	Independent Component and Graph Theory Analyses Reveal Normalized Brain Networks on Resting-State Functional MRI After Working Memory Training in People With HIV. Journal of Magnetic Resonance Imaging, 2023, 57, 1552-1564.	1.9	5
7869	An Open MRI Dataset For Multiscale Neuroscience. Scientific Data, 2022, 9, .	2.4	24
7871	Cerebro-cerebellar motor networks in clinical subtypes of Parkinson's disease. Npj Parkinson's Disease, 2022, 8, .	2.5	12
7872	Abnormal regional homogeneity in right caudate as a potential neuroimaging biomarker for mild cognitive impairment: A resting-state fMRI study and support vector machine analysis. Frontiers in Aging Neuroscience, 0, 14, .	1.7	12
7873	Rethinking clinical decision-making to improve clinical reasoning. Frontiers in Medicine, 0, 9, .	1.2	7
7874	Extracting default mode network based on graph neural network for resting state fMRI study. , 0, 1, .		3
7875	A spinal manipulative therapy altered brain activity in patients with lumbar disc herniation: A resting-state functional magnetic resonance imaging study. Frontiers in Neuroscience, 0, 16, .	1.4	8
7876	Association between Long-Term Air Pollution, Chronic Traffic Noise, and Resting-State Functional Connectivity in the 1000BRAINS Study. Environmental Health Perspectives, 2022, 130, .	2.8	6
7877	HiHi fMRI: a data-reordering method for measuring the hemodynamic response of the brain with high temporal resolution and high SNR. Cerebral Cortex, 0, , .	1.6	0
7878	Brain state transition analysis using ultra-fast fMRI differentiates MCI from cognitively normal controls. Frontiers in Neuroscience, 0, 16, .	1.4	2
7879	Complexity changes in functional state dynamics suggest focal connectivity reductions. Frontiers in Human Neuroscience, 0, 16, .	1.0	0
7880	Building bridges: simultaneous multimodal neuroimaging approaches for exploring the organization of brain networks. Neurophotonics, 2022, 9, .	1.7	6
7881	Increased very low frequency pulsations and decreased cardiorespiratory pulsations suggest altered brain clearance in narcolepsy. Communications Medicine, 2022, 2, .	1.9	4
7882	Tumor BOLD connectivity profile correlates with glioma patients' survival. Neuro-Oncology Advances, 2022, 4, .	0.4	7
7883	The resting-state topological organization damage of language-related brain regions in post-stroke cognitive impairment. Brain Imaging and Behavior, 2022, 16, 2608-2617.	1.1	2
7884	Brain functional connectivity mirrors genetic pleiotropy in psychiatric conditions. Brain, 2023, 146, 1686-1696.	3.7	4
7885	Principal Subspace of Dynamic Functional Connectivity for Diagnosis of Autism Spectrum Disorder. Applied Sciences (Switzerland), 2022, 12, 9339.	1.3	4

#	ARTICLE	IF	CITATIONS
7887	Brain functional connectivity analysis in patients with relapsing-remitting multiple sclerosis: A graph theory approach of EEG resting state. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	2
7888	Alterations in resting-state functional connectivity associated to the age-related decline in time-based prospective memory. <i>Cerebral Cortex</i> , 2023, 33, 4374-4383.	1.6	3
7889	A role for the claustrum in cognitive control. <i>Trends in Cognitive Sciences</i> , 2022, 26, 1133-1152.	4.0	15
7890	Neural mechanism of the relationship between sleep efficiency and clinical improvement in major depressive disorder: A longitudinal functional magnetic resonance imaging study. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	1
7891	Genetic and environmental factors influencing neonatal resting-state functional connectivity. <i>Cerebral Cortex</i> , 2023, 33, 4829-4843.	1.6	1
7894	Acute tryptophan depletion balances altered resting-state functional connectivity of the salience network in female patients recovered from anorexia nervosa. <i>Journal of Psychiatry and Neuroscience</i> , 2022, 47, E351-E358.	1.4	2
7895	The relationship between self-esteem and self-concept clarity is modulated by spontaneous activities of the dACC. <i>Frontiers in Psychology</i> , 0, 13, .	1.1	1
7896	Aberrant resting-state functional connectivity in incarcerated women with elevated psychopathic traits. , 0, 1, .		1
7897	Lateralized Supraspinal Functional Connectivity Correlate with Pain and Motor Dysfunction in Rat Hemiconfusion Cervical Spinal Cord Injury. <i>Neurotrauma Reports</i> , 2022, 3, 421-432.	0.5	2
7898	Reliability and sensitivity to altered hemodynamics measured with resting-state fMRI metrics: Comparison with 123I-IMP SPECT. <i>NeuroImage</i> , 2022, 263, 119654.	2.1	4
7899	Effects of apolipoprotein E4 genotype on cerebro-cerebellar connectivity, brain atrophy, and cognition in patients with Alzheimer's disease. <i>Journal of the Neurological Sciences</i> , 2022, 442, 120435.	0.3	0
7900	Linking fMRI, Pain, and Addictions. , 2022, , 577-607.		0
7901	Assessing the relationship between maternal risk for attention deficit hyperactivity disorder and functional connectivity in their biological toddlers. <i>European Psychiatry</i> , 2022, 65, .	0.1	2
7902	Functional Imaging: Magnetic Resonance Imaging. , 2022, , 3323-3349.		0
7903	Intrinsic Brain Activity and Resting State Networks. , 2022, , 1939-1990.		0
7904	Frequency-dependent white-matter functional network changes associated with cognitive deficits in subcortical vascular cognitive impairment. <i>NeuroImage: Clinical</i> , 2022, 36, 103245.	1.4	3
7905	Functional connectivity in behavioral variant frontotemporal dementia. <i>Brain and Behavior</i> , 2022, 12, .	1.0	5
7906	Compensation Mechanisms May Not Always Account for Enhanced Multisensory Illusion in Older Adults: Evidence from Sound-Induced Flash Illusion. <i>Brain Sciences</i> , 2022, 12, 1418.	1.1	0

#	ARTICLE	IF	CITATIONS
7907	Cortical gradient of a human functional similarity network captured by the geometry of cytoarchitectonic organization. <i>Communications Biology</i> , 2022, 5, .	2.0	2
7908	Precise motor rhythmicity relies on motor network responsivity. <i>Cerebral Cortex</i> , 2023, 33, 4432-4447.	1.6	2
7909	The Resting State Functional MRI in Neurology and Psychiatry. <i>Neuroscience and Behavioral Physiology</i> , 0, , .	0.2	0
7910	Relationship between the consciousness level and the structural neural connectivity of the medial prefrontal cortex in hypoxic-ischemic brain injury: a pilot study. <i>NeuroReport</i> , 2022, 33, 750-755.	0.6	0
7911	Resting-state functional connectivity in adults with 47,XXX: a 7 Tesla MRI study. <i>Cerebral Cortex</i> , 0, , .	1.6	0
7912	Aberrant Topological Properties of Brain Functional Network in Children with Obstructive Sleep Apnea Derived from Resting-State fMRI. <i>Brain Topography</i> , 0, , .	0.8	2
7913	The White Matter Functional Abnormalities in Patients with Transient Ischemic Attack: A Reinforcement Learning Approach. <i>Neural Plasticity</i> , 2022, 2022, 1-12.	1.0	1
7914	Pathway-Specific Mediation Effect Between Structure, Function, and Motor Impairment After Subcortical Stroke. <i>Neurology</i> , 2023, 100, .	1.5	3
7915	Geometric learning of functional brain network on the correlation manifold. <i>Scientific Reports</i> , 2022, 12, .	1.6	2
7916	Resting-State Functional Connectivity Impairment in Patients with Major Depressive Episode. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 14045.	1.2	17
7917	Resting-state functional connectivity alteration in elderly patients with knee osteoarthritis and declined cognition: An observational study. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	6
7918	Deep brain imaging of three participants across 1 year: The Bergen breakfast scanning club project. <i>Frontiers in Human Neuroscience</i> , 0, 16, .	1.0	5
7919	Use of connectotyping on task functional MRI data reveals dynamic network level cross talking during task performance. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	0
7920	Anterior dorsal attention network tau drives visual attention deficits in posterior cortical atrophy. <i>Brain</i> , 2023, 146, 295-306.	3.7	10
7921	Aberrant intrinsic functional brain networks in patients with functional constipation. <i>Neuroradiology</i> , 0, , .	1.1	1
7922	Dorsal striatal hypoconnectivity predicts antipsychotic medication treatment response in first-episode psychosis and unmedicated patients with schizophrenia. <i>Brain and Behavior</i> , 2022, 12, .	1.0	4
7923	Evaluation of noise regression techniques in resting-state fMRI studies using data of 434 older adults. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	5
7924	Neural underpinning of a respiration-associated resting-state fMRI network. <i>ELife</i> , 0, 11, .	2.8	11

#	ARTICLE	IF	CITATIONS
7925	Recent Advances in Neuropsychological Outcomes and Intervention in Pediatric Stroke. <i>Stroke</i> , 2022, 53, 3780-3789.	1.0	2
7926	Sex differences in multilayer functional network topology over the course of aging in 37543 UK Biobank participants. <i>Network Neuroscience</i> , 2023, 7, 351-376.	1.4	2
7927	Aberrant frontolimbic circuit in female depressed adolescents with and without suicidal attempts: A resting-state functional magnetic resonance imaging study. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	3
7928	Venglustat combined with imiglucerase for neurological disease in adults with Gaucher disease type 3: the LEAP trial. <i>Brain</i> , 2023, 146, 461-474.	3.7	8
7930	Longitudinal investigation of executive function development employing task-based, teacher reports, and fNIRS multimethodology in 4- to 5-year-old children. <i>Developmental Science</i> , 2022, 25, .	1.3	8
7932	Lifelong experiences as a proxy of cognitive reserve moderate the association between connectivity and cognition in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2023, 122, 33-44.	1.5	8
7933	Association of homotopic areas in the right hemisphere with language deficits in the short term after tumor resection. <i>Journal of Neurosurgery</i> , 2022, , 1-10.	0.9	1
7935	Spatial variation of changes in test-retest reliability of functional connectivity after global signal regression: The effect of considering hemodynamic delay. <i>Human Brain Mapping</i> , 2023, 44, 668-678.	1.9	2
7939	Limbic pathway vulnerability associates with neurologic outcome in children after cardiac arrest. <i>Resuscitation</i> , 2023, 182, 109634.	1.3	2
7940	Large-scale brain network dynamics in very preterm children and relationship with socio-emotional outcomes: an exploratory study. <i>Pediatric Research</i> , 2023, 93, 2072-2080.	1.1	3
7942	Evaluating the reliability, validity, and utility of overlapping networks: Implications for network theories of cognition. <i>Human Brain Mapping</i> , 2023, 44, 1030-1045.	1.9	3
7943	Strength-dependent perturbation of whole-brain model working in different regimes reveals the role of fluctuations in brain dynamics. <i>PLoS Computational Biology</i> , 2022, 18, e1010662.	1.5	12
7944	Amplitude synchronization of spontaneous activity of medial and lateral temporal gyri reveals altered thalamic connectivity in patients with temporal lobe epilepsy. <i>Scientific Reports</i> , 2022, 12, .	1.6	2
7946	Individualized prediction of trait self-control from whole-brain functional connectivity. <i>Psychophysiology</i> , 2023, 60, .	1.2	1
7947	An orderly sequence of autonomic and neural events at transient arousal changes. <i>NeuroImage</i> , 2022, 264, 119720.	2.1	8
7948	Aberrant static and dynamic functional connectivity of amygdala subregions in patients with major depressive disorder and childhood maltreatment. <i>NeuroImage: Clinical</i> , 2022, 36, 103270.	1.4	5
7949	Connectivity-Based Brain Parcellation for Parkinson's Disease. <i>IEEE Transactions on Biomedical Engineering</i> , 2023, 70, 1539-1552.	2.5	5
7950	Functional magnetic resonance imaging (fMRI) in typical and atypical brain development: Challenges and suggestions. , 2022, , .		0

#	ARTICLE	IF	CITATIONS
7951	Changes in sensory-related brain networks of patients with moyamoya disease with limb paresthesia: A resting-state fMRI-based functional connectivity analysis. <i>NeuroImage: Clinical</i> , 2022, 36, 103267.	1.4	0
7952	Neuroimaging in multiple system atrophy. , 2023, , 311-354.		0
7953	Functional MRI in familial and idiopathic PD. , 2023, , 201-250.		0
7957	The pyramid representation of the functional network using resting-state fMRI. <i>Psychoradiology</i> , 2022, 2, 99-111.	1.0	0
7958	BEBOP: Bidirectional dEep Brain cOnnectivity maPping. , 2022, , .		0
7959	Structural brain connectivity predicts early acute pain after mild traumatic brain injury. <i>Pain</i> , 2022, Publish Ahead of Print, .	2.0	0
7960	Test-retest reliability of time-varying patterns of brain activity across single band and multiband resting-state functional magnetic resonance imaging in healthy older adults. <i>Frontiers in Human Neuroscience</i> , 0, 16, .	1.0	3
7961	Altered striatal functional connectivity and structural dysconnectivity in individuals with bipolar disorder: A resting state magnetic resonance imaging study. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	13
7962	The HUSH complex controls brain architecture and protocadherin fidelity. <i>Science Advances</i> , 2022, 8, .	4.7	7
7963	Advanced Diffusion <sc>MRI</sc> of Stroke Recovery. <i>Journal of Magnetic Resonance Imaging</i> , 0, , .	1.9	1
7964	Altered functional connectivity and topology structures in default mode network induced by inflammatory exposure in aged rat: A resting-state functional magnetic resonance imaging study. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	0
7965	Hemispheric Asymmetries of Individual Differences in Functional Connectivity. <i>Journal of Cognitive Neuroscience</i> , 2023, 35, 200-225.	1.1	6
7966	Amplitude of low frequency fluctuations during resting state <sc>fMRI</sc> in autistic children. <i>Autism Research</i> , 2023, 16, 84-98.	2.1	8
7967	From correlation to communication: Disentangling hidden factors from functional connectivity changes. <i>Network Neuroscience</i> , 0, , 1-42.	1.4	0
7968	The complexity of spontaneous brain activity changes in schizophrenia, bipolar disorder, and <sc>ADHD</sc> was examined using different variations of entropy. <i>Human Brain Mapping</i> , 2023, 44, 94-118.	1.9	9
7969	Insulin resistance disrupts white matter microstructure and amplitude of functional spontaneous activity in bipolar disorder. <i>Bipolar Disorders</i> , 2023, 25, 32-42.	1.1	1
7970	Astrocyte dysfunction drives abnormal resting-state functional connectivity in depression. <i>Science Advances</i> , 2022, 8, .	4.7	10
7972	Large-scale brain functional network abnormalities in social anxiety disorder. <i>Psychological Medicine</i> , 2023, 53, 6194-6204.	2.7	8

#	ARTICLE	IF	CITATIONS
7973	The Development of Neuroimaging Biomarkers for Cognitive Decline in Sickle Cell Disease. Hematology/Oncology Clinics of North America, 2022, 36, 1167-1186.	0.9	1
7974	Functional network properties derived from wide-field calcium imaging differ with wakefulness and across cell type. NeuroImage, 2022, 264, 119735.	2.1	6
7975	Activity Ratio to Measure Physical Demand of Cognitive Workload. , 2022, , .		0
7976	Altered Effective Connectivity of the Primary Motor Cortex in Transient Ischemic Attack. Neural Plasticity, 2022, 2022, 1-12.	1.0	2
7977	Neural activity in adults with major depressive disorder differs from that in healthy individuals: A resting-state functional magnetic resonance imaging study. Frontiers in Psychiatry, 0, 13, .	1.3	0
7978	Adolescent nicotine administration increases nicotinic acetylcholine receptor binding and functional connectivity in specific cortico-striatal-thalamic circuits. Brain Communications, 0, , .	1.5	2
7980	Specific and common functional connectivity deficits in drug-free generalized anxiety disorder and panic disorder: A data-driven analysis. Psychiatry Research, 2023, 319, 114971.	1.7	6
7981	Wide-field calcium imaging reveals widespread changes in cortical functional connectivity following mild traumatic brain injury in the mouse. Neurobiology of Disease, 2023, 176, 105943.	2.1	9
7982	Microstate analysis in infancy. , 2023, 70, 101785.		5
7983	Visuo-motor transformations in the intraparietal sulcus mediate the acquisition of endovascular medical skill. NeuroImage, 2023, 266, 119781.	2.1	0
7984	Reorganization of resting-state brain network functional connectivity across human brain developmental stages. Brain Research, 2023, 1800, 148196.	1.1	0
7985	NIRS Studies Show Reduced Interhemispheric Functional Connectivity in Individuals with Multiple Sclerosis That Exhibit Cortical Hypoxia. Advances in Experimental Medicine and Biology, 2022, , 145-149.	0.8	0
7986	A Novel Two-Stage Multi-view Low-Rank Sparse Subspace Clustering Approach to Explore the Relationship Between Brain Function and Structure. Lecture Notes in Computer Science, 2022, , 191-200.	1.0	0
7988	Connectomic neuromodulation for Alzheimer's disease: A systematic review and meta-analysis of invasive and non-invasive techniques. Translational Psychiatry, 2022, 12, .	2.4	5
7989	Editorial: Dynamic functional connectivity in neuropsychiatric disorders: Methods and applications, volume II. Frontiers in Neuroscience, 0, 16, .	1.4	0
7990	Longitudinal changes in functional connectivity in speech motor networks in apraxia of speech after stroke. Frontiers in Neurology, 0, 13, .	1.1	0
7991	Aiding Alzheimer's Disease Diagnosis Using Graph Convolutional Networks Based on rs-fMRI Data. , 2022, , .		4
7992	Near-infrared spectroscopy in child and adolescent neurodevelopmental disorders. , 2022, 1, .		0

#	ARTICLE	IF	CITATIONS
7993	Psychedelics and fNIRS neuroimaging: exploring new opportunities. <i>Neurophotonics</i> , 2022, 10, .	1.7	5
7995	Reduced resilience of brain state transitions in anti-N-methyl-D-aspartate receptor encephalitis. <i>European Journal of Neuroscience</i> , 2023, 57, 568-579.	1.2	5
7996	Alteration of whole-brain amplitude of low-frequency fluctuation and degree centrality in patients with mild to moderate depression: A resting-state functional magnetic resonance imaging study. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	7
7997	Early stage of radiological expertise modulates resting-state local coherence in the inferior temporal lobe. <i>Psychoradiology</i> , 2022, 2, 199-206.	1.0	2
7998	Effects of Physiological Signal Removal on Resting-State Functional MRI Metrics. <i>Brain Sciences</i> , 2023, 13, 8.	1.1	1
8000	Preliminary study on brain resting-state networks and cognitive impairments of patients with obstructive sleep apnea-hypopnea syndrome. <i>BMC Neurology</i> , 2022, 22, .	0.8	4
8001	A study on alterations in functional activity in migraineurs during the interictal period. <i>Heliyon</i> , 2023, 9, e12372.	1.4	5
8002	Air-conducted ultrasound below the hearing threshold elicits functional changes in the cognitive control network. <i>PLoS ONE</i> , 2022, 17, e0277727.	1.1	1
8004	Disrupted effective connectivity of the default, salience and dorsal attention networks in major depressive disorder: a study using spectral dynamic causal modelling of resting-state fMRI. <i>Journal of Psychiatry and Neuroscience</i> , 2022, 47, E421-E434.	1.4	4
8005	Altered brain connectivity in hyperkinetic movement disorders: A review of resting-state fMRI. <i>NeuroImage: Clinical</i> , 2023, 37, 103302.	1.4	4
8006	Network organization of resting-state cerebral hemodynamics and their aliasing contributions measured by functional near-infrared spectroscopy. <i>Journal of Neural Engineering</i> , 0, , .	1.8	0
8008	EEG-Based Mapping of Resting-State Functional Brain Networks in Patients with Parkinson's Disease. <i>Biomimetics</i> , 2022, 7, 231.	1.5	5
8009	Multi-band network fusion for Alzheimer's disease identification with functional MRI. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	1
8010	Exposure to violence is associated with decreased neural connectivity in emotion regulation and cognitive control, but not working memory, networks after accounting for socioeconomic status: a preliminary study. <i>Behavioral and Brain Functions</i> , 2022, 18, .	1.4	0
8012	The arrow of time of brain signals in cognition: Potential intriguing role of parts of the default mode network. <i>Network Neuroscience</i> , 2023, 7, 966-998.	1.4	7
8013	A robust self-referenced 2D nyquist ghost correction for different MRI-biomarker measurements based on multi-band interleaved EPI. <i>Frontiers in Physics</i> , 0, 10, .	1.0	1
8014	Altered spontaneous brain activity during dobutamine challenge in healthy young adults: A resting-state functional magnetic resonance imaging study. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	0
8015	Meta-analysis of structural and functional alterations of brain in patients with attention-deficit/hyperactivity disorder. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	5

#	ARTICLE	IF	CITATIONS
8016	Brain connectomics: time for a molecular imaging perspective?. Trends in Cognitive Sciences, 2023, 27, 353-366.	4.0	20
8018	Neural and cognitive correlates of performance in dynamic multi-modal settings. Neuropsychologia, 2023, 180, 108483.	0.7	2
8019	ALFF response interaction with learning during feedback in individuals with multiple sclerosis. Multiple Sclerosis and Related Disorders, 2023, 70, 104510.	0.9	0
8020	Nodal-statistics-based equivalence relation for graph collections. Physical Review E, 2023, 107, .	0.8	0
8021	Diagnostic identification of chronic insomnia using ALFF and FC features of resting-state functional MRI and logistic regression approach. Scientific Reports, 2023, 13, .	1.6	7
8022	Resting state network mapping in individuals using deep learning. Frontiers in Neurology, 0, 13, .	1.1	3
8023	A method for reconstruction of interpretable brain networks from transient synchronization in resting-state BOLD fluctuations. Frontiers in Neuroinformatics, 0, 16, .	1.3	0
8024	Amplitude of low-frequency fluctuation after taste exposure revealed by resting-state fMRI. Physiology and Behavior, 2023, , 114091.	1.0	0
8026	Implementation of Automated Pipeline for Resting-State fMRI Analysis with PACS Integration. Journal of Digital Imaging, 2023, 36, 1189-1197.	1.6	1
8027	Brain network decoupling with increased serum neurofilament and reduced cognitive function in Alzheimer's disease. Brain, 2023, 146, 2928-2943.	3.7	4
8029	Neurochemical and functional reorganization of the cognitive-ear link underlies cognitive impairment in presbycusis. NeuroImage, 2023, 268, 119861.	2.1	4
8030	Human motor sequence learning drives transient changes in network topology and hippocampal connectivity early during memory consolidation. Cerebral Cortex, 2023, 33, 6120-6131.	1.6	2
8031	Cluster-based characterization of consistencies in individuals' thought profiles at rest in a cohort of 1779 French university students. Current Psychology, 0, , .	1.7	1
8032	Epilepsy as a Complex Network Disorder. , 2022, , 135-152.		0
8033	A generalizable connectome-based marker of in-scan sustained attention in neurodiverse youth. Cerebral Cortex, 0, , .	1.6	1
8034	Nutritional supplement induced modulations in the functional connectivity of a porcine brain. Nutritional Neuroscience, 2024, 27, 147-158.	1.5	0
8035	A comprehensive study on atlas-based classification of autism spectrum disorder using functional connectivity features from resting-state functional magnetic resonance imaging. , 2023, , 269-296.		1
8036	Protocol for Brain Magnetic Resonance Imaging and Extraction of Imaging-Derived Phenotypes from the China Phenobank Project. Phenomics, 2023, 3, 642-656.	0.9	2

#	ARTICLE	IF	CITATIONS
8037	The Effect of Non-invasive Brain Stimulation on Gait in Healthy Young and Older Adults: A Systematic Review of the Literature. <i>Neuroscience</i> , 2023, 516, 125-140.	1.1	3
8038	The autism spectrum among transgender youth: default mode functional connectivity. <i>Cerebral Cortex</i> , 2023, 33, 6633-6647.	1.6	5
8040	The Effect of Early fMRI Abnormalities on Later Cognitive Dysfunction in mTBI: A Multi-modal Analysis of rs-fMRI and DTI. <i>Lecture Notes in Computer Science</i> , 2023, , 81-95.	1.0	0
8041	Mapping Brain Networks Using Multimodal Data. , 2023, , 2975-3025.		0
8042	Wide-Field Optical Imaging in Mouse Models of Ischemic Stroke. <i>Methods in Molecular Biology</i> , 2023, , 113-151.	0.4	4
8043	Altered default mode network causal connectivity patterns in autism spectrum disorder revealed by Liang information flow analysis. <i>Human Brain Mapping</i> , 2023, 44, 2279-2293.	1.9	6
8044	Neuroinnovation in Medicine: History and Future. , 2023, , 13-55.		0
8045	Brain Structural and Functional Alterations in Native Tibetans Living at High Altitude. <i>Neuroscience</i> , 2023, , .	1.1	2
8046	Estimating and mitigating the effects of systemic low frequency oscillations (sLFO) on resting state networks in awake non-human primates using time lag dependent methodology. , 0, 1, .		0
8047	Enhanced brain parcellation via abnormality inpainting for neuroimage-based consciousness evaluation of hydrocephalus patients by lumbar drainage. <i>Brain Informatics</i> , 2023, 10, .	1.8	1
8049	Development of the Functional Connectome Topology in Adolescence: Evidence from Topological Data Analysis. <i>ENeuro</i> , 2023, 10, ENEURO.0296-21.2022.	0.9	1
8050	Detection of Alzheimer's Disease Using Dynamic Functional Connectivity Patterns in Resting-State fMRI. , 2022, , .		0
8051	Exploring the longitudinal associations of functional network connectivity and psychiatric symptom changes in youth. <i>NeuroImage: Clinical</i> , 2023, 38, 103382.	1.4	0
8052	A Riemannian Framework for Structurally Curated Functional Clustering of Brain White Matter Fibers. <i>IEEE Transactions on Medical Imaging</i> , 2023, , 1-1.	5.4	0
8053	Repurposing the mucolytic agent ambroxol for treatment of sub-acute and chronic ischaemic stroke. <i>Brain Communications</i> , 2023, 5, .	1.5	1
8054	Fractional amplitude of low-frequency fluctuation changes of specific cerebral regions in patients with toothache: A functional magnetic resonance imaging study. <i>Brain and Behavior</i> , 2023, 13, .	1.0	1
8056	Functional magnetic resonance imaging of headache: Issues, best practices, and new directions, a narrative review. <i>Headache</i> , 2023, 63, 309-321.	1.8	3
8057	A survey of feature detection methods for localisation of plain sections of axial brain magnetic resonance imaging. <i>Biomedical Signal Processing and Control</i> , 2023, 82, 104611.	3.5	1

#	ARTICLE	IF	CITATIONS
8058	High-efficient Bloch simulation of magnetic resonance imaging sequences based on deep learning. Physics in Medicine and Biology, 2023, 68, 085002.	1.6	1
8059	Cortical gradients during naturalistic processing are hierarchical and modality-specific. NeuroImage, 2023, 271, 120023.	2.1	8
8060	The pollutome-connectome axis: a putative mechanism to explain pollution effects on neurodegeneration. Ageing Research Reviews, 2023, 86, 101867.	5.0	4
8061	PTSD and comorbid MDD is associated with activation of the right frontoparietal network. Psychiatry Research - Neuroimaging, 2023, 331, 111630.	0.9	0
8062	Naturalistic viewing increases individual identifiability based on connectivity within functional brain networks. NeuroImage, 2023, 273, 120083.	2.1	1
8063	Comparison between gradients and parcellations for functional connectivity prediction of behavior. NeuroImage, 2023, 273, 120044.	2.1	6
8064	Homotopic local-global parcellation of the human cerebral cortex from resting-state functional connectivity. NeuroImage, 2023, 273, 120010.	2.1	20
8065	The Current State of Functional MR Imaging for Trauma Prognostication. Neuroimaging Clinics of North America, 2023, 33, 299-313.	0.5	1
8068	Experimental Design and Data Analysis Strategies. , 2022, , 267-322.		0
8069	Brain Rhythms. , 2022, , 377-404.		0
8070	Image Quality Issues. , 2022, , 213-246.		0
8071	Brain network integration, segregation and quasi-€periodic activation and deactivation during tasks and rest. NeuroImage, 2023, 268, 119890.	2.1	2
8072	The mathematical brain at rest. Current Opinion in Behavioral Sciences, 2023, 49, 101246.	2.0	0
8073	Magnetic Resonance Imaging of Primary Adult Brain Tumors: State of the Art and Future Perspectives. Biomedicines, 2023, 11, 364.	1.4	8
8074	Antidepressant treatment-related brain activity changes in remitted major depressive disorder. Psychiatry Research - Neuroimaging, 2023, 330, 111601.	0.9	1
8075	Sex-€based structural and functional <sc>MRI</sc> outcomes in the rat brain after soman (<sc>GD</sc>) exposure-€induced status epilepticus. Epilepsia Open, 2023, 8, 399-410.	1.3	6
8076	Energy-efficiency computing of up and down transitions in a neural network. Journal of Neurophysiology, 2023, 129, 581-590.	0.9	1
8077	The Role of Extra-motor Networks in Upper Limb Motor Performance Post-stroke. Neuroscience, 2023, 514, 1-13.	1.1	0

#	ARTICLE	IF	CITATIONS
8078	A spatiotemporal complexity architecture of human brain activity. <i>Science Advances</i> , 2023, 9, .	4.7	8
8079	The relationship between the prefrontal cortex and limb motor function in stroke: A study based on resting-state functional near-infrared spectroscopy. <i>Brain Research</i> , 2023, 1805, 148269.	1.1	2
8081	Improving the study of brain-behavior relationships by revisiting basic assumptions. <i>Trends in Cognitive Sciences</i> , 2023, 27, 246-257.	4.0	30
8082	Risk of insomnia during COVID-19: effects of depression and brain functional connectivity. <i>Cerebral Cortex</i> , 2023, 33, 7015-7025.	1.6	4
8083	Stimulation of the Premotor Cortex Enhances Interhemispheric Functional Connectivity in Association with Upper Limb Motor Recovery in Moderate-to-Severe Chronic Stroke. <i>Brain Connectivity</i> , 2023, 13, 453-463.	0.8	2
8084	Abnormal resting-state function within language network and its improvement among post-stroke aphasia. <i>Behavioural Brain Research</i> , 2023, 443, 114344.	1.2	1
8085	Leveraging Multiple Distinct EEG Training Sessions for Improvement of Spectral-Based Biometric Verification Results. <i>Sensors</i> , 2023, 23, 2057.	2.1	2
8086	Spontaneous Activity Patterns in Human Attention Networks Code for Hand Movements. <i>Journal of Neuroscience</i> , 2023, 43, 1976-1986.	1.7	1
8087	Functional connectivity of sub-cortical brain regions: disparities and similarities. <i>NeuroReport</i> , 2023, 34, 214-219.	0.6	0
8089	Aberrant degree centrality of functional brain networks in subclinical depression and major depressive disorder. <i>Frontiers in Psychiatry</i> , 0, 14, .	1.3	4
8090	Revealing the Central Mechanism of Acupuncture for Primary Dysmenorrhea Based on Neuroimaging: A Narrative Review. <i>Pain Research and Management</i> , 2023, 2023, 1-8.	0.7	4
8092	Brain network mapping and glioma pathophysiology. <i>Brain Communications</i> , 2023, 5, .	1.5	2
8093	Task-Based and Resting-State Functional MRI in Observing Eloquent Cerebral Areas Personalized for Epilepsy and Surgical Oncology Patients: A Review of the Current Evidence. <i>Journal of Personalized Medicine</i> , 2023, 13, 370.	1.1	1
8094	Internet gaming disorder and tobacco use disorder share neural connectivity patterns between the subcortical and the motor network. <i>Human Brain Mapping</i> , 2023, 44, 2607-2619.	1.9	3
8095	Identifying the distinct spectral dynamics of laminar-specific interhemispheric connectivity with bilateral line-scanning fMRI. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2023, 43, 1115-1129.	2.4	4
8097	Functional connectivity based machine learning approach for autism detection in young children using MEG signals. <i>Journal of Neural Engineering</i> , 2023, 20, 026012.	1.8	0
8098	Social navigation modulates the anterior and posterior hippocampal circuits in the resting brain. <i>Brain Structure and Function</i> , 2023, 228, 799-813.	1.2	1
8099	Abnormal amplitude of low-frequency fluctuation values as a neuroimaging biomarker for major depressive disorder with suicidal attempts in adolescents: A resting-state fMRI and support vector machine analysis. <i>Frontiers in Psychology</i> , 0, 14, .	1.1	4

#	ARTICLE	IF	CITATIONS
8101	Neuroplasticity Following Stroke from a Functional Laterality Perspective: A fNIRS Study. <i>Brain Topography</i> , 0, .	0.8	0
8103	Resting-state abnormalities in functional connectivity of the default mode network in migraine: A meta-analysis. <i>Frontiers in Neuroscience</i> , 0, 17, .	1.4	3
8104	Task-based differences in brain state dynamics and their relation to cognitive ability. <i>NeuroImage</i> , 2023, 271, 119945.	2.1	2
8105	Resting-state functional connectivity in lifelong musicians. <i>Psychoradiology</i> , 2023, 3, .	1.0	0
8106	Increased Effective Connectivity of the Left Parietal Lobe During Walking Tasks in Parkinson's Disease. <i>Journal of Parkinson's Disease</i> , 2023, 13, 165-178.	1.5	1
8107	Operational Improvement in Pediatric Neurosurgery. , 2023, , 159-189.		0
8109	Altered topological properties of functional brain networks in patients with first episode, late-life depression before and after antidepressant treatment. <i>Frontiers in Aging Neuroscience</i> , 0, 15, .	1.7	0
8111	Test-retest reliability of resting-state EEG in young and older adults. <i>Psychophysiology</i> , 2023, 60, .	1.2	9
8113	Quality control procedures and metrics for resting-state functional MRI. , 0, 2, .		0
8114	Occupation-modulated language networks and its lateralization: A resting-state fMRI study of seafarers. <i>Frontiers in Human Neuroscience</i> , 0, 17, .	1.0	0
8115	Editorial: Exploring brain connectivity to understand behavior. <i>Frontiers in Behavioral Neuroscience</i> , 0, 17, .	1.0	0
8116	Multimodality neuroimaging in vascular mild cognitive impairment: A narrative review of current evidence. <i>Frontiers in Aging Neuroscience</i> , 0, 15, .	1.7	0
8117	Polyneuro risk scores capture widely distributed connectivity patterns of cognition. <i>Developmental Cognitive Neuroscience</i> , 2023, 60, 101231.	1.9	6
8118	Evaluation of boundaries between mood and psychosis disorder using dynamic functional network connectivity ($dFNC$) via deep learning classification. <i>Human Brain Mapping</i> , 2023, 44, 3180-3195.	1.9	1
8120	Case report: Multiple disconnection patterns revealed by a multi-modal analysis explained behavior after a focal frontal damage. <i>Frontiers in Neurology</i> , 0, 14, .	1.1	0
8121	Increased spontaneous activity of the superior frontal gyrus with reduced functional connectivity to visual attention areas and cerebellum in male smokers. <i>Frontiers in Human Neuroscience</i> , 0, 17, .	1.0	3
8122	Abnormalities of regional spontaneous brain activity in poststroke aphasia: a meta-analysis. <i>Cerebral Cortex</i> , 0, .	1.6	0
8123	Interoceptive awareness: MBSR training alters information processing of salience network. <i>Frontiers in Behavioral Neuroscience</i> , 0, 17, .	1.0	0

#	ARTICLE	IF	CITATIONS
8124	Shared and differential fractional amplitude of low-frequency fluctuation patterns at rest in major depressive disorders with or without sleep disturbance. <i>Frontiers in Psychology</i> , 0, 14, .	1.1	2
8125	Longitudinal Trajectories of White Matter Development in Attention-Deficit/Hyperactivity Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2023, 8, 1103-1112.	1.1	1
8126	Altered cerebral activities and functional connectivity in depression: a systematic review of fMRI studies. <i>Quantitative Biology</i> , 2022, 10, 366-380.	0.3	1
8127	Aberrant intra- and inter-network functional connectivity patterns of the anterior and posterior hippocampal networks in schizophrenia. <i>CNS Neuroscience and Therapeutics</i> , 2023, 29, 2223-2235.	1.9	1
8128	A consensus protocol for functional connectivity analysis in the rat brain. <i>Nature Neuroscience</i> , 2023, 26, 673-681.	7.1	25
8130	Effect of Repetitive Transcranial Magnetic Stimulation on Cognitive Dysfunction after Stroke. <i>Advances in Clinical Medicine</i> , 2023, 13, 4694-4701.	0.0	0
8131	Whole-brain mapping of effective connectivity by fMRI with cortex-wide patterned optogenetics. <i>Neuron</i> , 2023, 111, 1732-1747.e6.	3.8	7
8132	Regional abnormalities of spontaneous brain activity in migraine: A coordinate-based meta-analysis. <i>Journal of Neuroscience Research</i> , 2023, 101, 1205-1223.	1.3	0
8133	A multimodal meta-analysis of regional functional and structural brain abnormalities in obsessive-compulsive disorder. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2024, 274, 165-180.	1.8	4
8134	Dynamic cortical and tractography atlases of proactive and reactive alpha and high-gamma activities. <i>Brain Communications</i> , 2023, 5, .	1.5	2
8136	Neurocysticercosis-related seizures: Imaging biomarkers. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2023, 108, 13-23.	0.9	1
8137	Hierarchical overlapping modular structure in the human cerebral cortex improves individual identification. <i>IScience</i> , 2023, 26, 106575.	1.9	0
8138	Altered nucleus accumbens functional connectivity precedes apathy in Parkinson's disease. <i>Brain</i> , 2023, 146, 2739-2752.	3.7	3
8139	Adaptive Functional Thresholding for Sparse Covariance Function Estimation in High Dimensions. <i>Journal of the American Statistical Association</i> , 0, , 1-13.	1.8	0
8140	Resting state network segregation modulates age-related differences in language production. <i>Neurobiology of Language (Cambridge, Mass)</i> , 0, , 1-52.	1.7	2
8141	Optimizing network neuroscience computation of individual differences in human spontaneous brain activity for test-retest reliability. <i>Network Neuroscience</i> , 2023, 7, 1080-1108.	1.4	5
8142	Power spectral analysis can determine language laterality from resting-state functional MRI data in healthy controls. <i>Journal of Neuroimaging</i> , 0, , .	1.0	0
8143	Sparse Bayesian Modeling of Hierarchical Independent Component Analysis: Reliable Estimation of Individual Differences in Brain Networks. <i>Biometrics</i> , 2023, 79, 3599-3611.	0.8	0

#	ARTICLE	IF	CITATIONS
8144	A Phenomenological Deep Oscillatory Neural Network Model to Capture the Whole Brain Dynamics in Terms of BOLD Signal. Lecture Notes in Computer Science, 2023, , 160-171.	1.0	1
8145	Functional and Molecular Imaging Techniques. , 2023, , 15-26.		0
8146	Correspondence of functional connectivity gradients across human isocortex, cerebellum, and hippocampus. Communications Biology, 2023, 6, .	2.0	12
8147	Lupus. Advances in Magnetic Resonance Technology and Applications, 2023, , 425-443.	0.0	0
8148	The thalamus in psychosis spectrum disorder. Frontiers in Neuroscience, 0, 17, .	1.4	4
8149	Dynamic covariance estimation via predictive Wishart process with an application on brain connectivity estimation. Computational Statistics and Data Analysis, 2023, 185, 107763.	0.7	0
8150	As without, so within: how the brain's temporo-spatial alignment to the environment shapes consciousness. Interface Focus, 2023, 13, .	1.5	5
8151	Continuous and intermittent theta burst stimulation of primary visual cortex do not modulate resting state functional connectivity: A sham-controlled multi-echo fMRI study. Brain and Behavior, 2023, 13, .	1.0	3
8152	Impact of Amplitude and Phase of fMRI time series for Functional Connectivity Analysis. Magnetic Resonance Imaging, 2023, 102, 26-37.	1.0	1
8153	Enhancing the network specific individual characteristics in rs-fMRI functional connectivity by dictionary learning. Human Brain Mapping, 0, , .	1.9	1
8155	Functional connectivity in older adults – the effect of cerebral small vessel disease. Brain Communications, 0, , .	1.5	1
8156	Deep Learning-Based Modified Bidirectional LSTM Network for Classification of ADHD Disorder. Arabian Journal for Science and Engineering, 2024, 49, 3009-3026.	1.7	3
8157	Hybrid Deep Learning Classification Model for Attention-Deficit-Hyperactivity Disorder using functional Magnetic Resonance Imaging. , 2023, , .		0
8159	Classification of rajayoga meditators based on the duration of practice using graph theoretical measures of functional connectivity from task-based functional magnetic resonance imaging. International Journal of Yoga, 2022, 15, 96.	0.4	2
8160	Comprehensive evaluation of harmonization on functional brain imaging for multisite data-fusion. NeuroImage, 2023, 274, 120089.	2.1	3
8161	A gendered brain perspective from structure to brain interactions. , 2023, , 39-59.		0
8162	The Cerebellum's Orchestra: Understanding the Functional Connectivity of Its Lobes and Deep Nuclei in Coordination and Integration of Brain Networks. Tomography, 2023, 9, 883-893.	0.8	0
8163	Locally Measured Neuronal Correlates of Functional MRI Signals. , 2022, , 79-104.		0

#	ARTICLE	IF	CITATIONS
8164	The functional anatomy of dystonia: Recent developments. <i>International Review of Neurobiology</i> , 2023, , 105-136.	0.9	2
8171	Functional Connectivity Based Classification for Autism Spectrum Disorder Using Spearman's Rank Correlation. , 2022, , .		0
8172	Dissecting Psychiatric Heterogeneity and Comorbidity with Core Region-Based Machine Learning. <i>Neuroscience Bulletin</i> , 2023, 39, 1309-1326.	1.5	1
8182	Functional Connectivity MR Imaging. , 2023, , 521-541.		0
8185	TBI Sports Related Injury. , 2023, , 1389-1399.		0
8186	fMRI and DTI: Review of Complementary Techniques. , 2023, , 1025-1060.		0
8195	Role of resting-state functional MRI in detecting brain functional changes following radiotherapy for head and neck cancer: a systematic review and meta-analysis. <i>Strahlentherapie Und Onkologie</i> , 0, , .	1.0	0
8199	Brain connectivity in major depressive disorder: a precision component of treatment modalities?. <i>Translational Psychiatry</i> , 2023, 13, .	2.4	2
8213	Clinical Implications of Dystonia as a Neural Network Disorder. <i>Advances in Neurobiology</i> , 2023, , 223-240.	1.3	2
8229	The Effect of Exogenous and Endogenous Parameters on Group Resting-State Effective Connectivity and BOLD Signal. <i>Neuroinformatics</i> , 2023, , 195-209.	0.2	0
8231	Chapter 13. Bilingualism and functional connectivity. <i>Studies in Bilingualism</i> , 2023, , 272-300.	0.1	0
8235	Functional Neuroradiology of Psychiatric Diseases. , 2023, , 393-406.		0
8236	Resting State Functional Magnetic Resonance Imaging. , 2023, , 623-639.		0
8249	The developmental connectome. , 2023, , 345-367.		1
8250	Endogenous neuromodulation at infra-low frequencies. , 2023, , 283-299.		0
8251	Network comparisons and their applications in connectomics. , 2023, , 173-199.		0
8254	Time-varying functional connectivity. , 2023, , 277-296.		0
8255	Physiological brain pulsations. , 2023, , 131-153.		0

#	ARTICLE	IF	CITATIONS
8257	Multimodal methods to help interpret resting-state fMRI. , 2023, , 207-235.		1
8258	Resting state fMRI connectivity mapping across species: Challenges and opportunities. , 2023, , 21-57.		1
8259	Introduction to resting-state fMRI. , 2023, , 1-20.		0
8260	Interoceptive influences on resting-state fMRI. , 2023, , 87-105.		0
8261	Head motion and physiological effects. , 2023, , 107-130.		0
8262	Systemic low-frequency oscillations in resting-state fMRI. , 2023, , 155-173.		0
8263	Clinical applications of resting-state fMRI. , 2023, , 335-356.		1
8264	Brain networks atlases. , 2023, , 59-85.		0
8265	The role of vigilance in resting-state functional MRI. , 2023, , 175-205.		0
8283	Preoperative Conventional and Advanced Neuroimaging for Awake Craniotomy & Conventional Neuroimaging, Advanced Neuroimaging, Preoperative Neuroimaging, , 2023, , 49-72.		0
8288	Computational Modeling of Neural Networks of the Human Brain. , 2023, , 11-30.		0
8305	The Statistical Analysis of the Varying Brain. , 2023, , .		0
8316	MR Imaging of Neurodegeneration. , 2023, , 169-181.		0
8319	Military-related mild traumatic brain injury: clinical characteristics, advanced neuroimaging, and molecular mechanisms. Translational Psychiatry, 2023, 13, .	2.4	0
8329	Spatial Dynamic Propagation of Network Activity in Resting fMRI Data. , 2023, , .		0
8339	Mapping the human brain function in vivo. Science Bulletin, 2016, 61, 1839-1840.	4.3	0
8347	What Can iEEG Inform Us About Mechanisms of Spontaneous Behavior?. Studies in Neuroscience, Psychology and Behavioral Economics, 2023, , 331-350.	0.1	0
8348	How Can I Analyze Large-Scale Intrinsic Functional Networks with iEEG?. Studies in Neuroscience, Psychology and Behavioral Economics, 2023, , 539-556.	0.1	0

#	ARTICLE	IF	CITATIONS
8365	Topological Characteristics of 5d Spatially Dynamic Brain Networks in Schizophrenia. , 2023, , .		0
8366	Bipartite Organization of Cerebellar-Cortical Networks Identified based on Intrinsic Functional Connectivity. , 2023, , .		0
8375	Measuring Stimulus-Related Redundant and Synergistic Functional Connectivity with Single Cell Resolution in Auditory Cortex. Lecture Notes in Computer Science, 2023, , 45-56.	1.0	1
8395	Exploring Brain Function-Structure Connectome Skeleton via Self-supervised Graph-Transformer Approach. Lecture Notes in Computer Science, 2023, , 308-317.	1.0	0
8396	Uncovering Structural-Functional Coupling Alterations for Neurodegenerative Diseases. Lecture Notes in Computer Science, 2023, , 87-96.	1.0	0
8404	Pretraining is All You Need: A Multi-Atlas Enhanced Transformer Framework for Autism Spectrum Disorder Classification. Lecture Notes in Computer Science, 2023, , 123-132.	1.0	0
8412	Regionalized Infant Brain Cortical Development Based on Multi-view, High-Level fMRI Fingerprint. Lecture Notes in Computer Science, 2024, , 467-475.	1.0	0
8437	Revisiting Functional Dysconnectivity: a Review of Three Model Frameworks in Schizophrenia. Current Neurology and Neuroscience Reports, 0, , .	2.0	2
8441	Cultural contributions to cognitive aging. , 2023, , .		0
8460	Resting-State fMRI Advances for Functional Brain Dynamics. , 0, , .		0
8476	Mapping and comparing fMRI connectivity networks across species. Communications Biology, 2023, 6, .	2.0	0
8479	Dynamic cortical connectivity alterations associated with Major Depressive Disorder: an EEG study. , 2023, , .		0
8480	Functional Connectivity Dynamics show Resting-State Instability and Rightward Parietal Dysfunction in ADHD. , 2023, , .		0
8486	Application of Minimum Vertex Cover Problem in Functional Brain Connectivity Graphs. , 2023, , .		0
8492	Dynamic Functional Connectivity Analysis Using Network-Based Brain State Identification, Application on Temporal Lobe Epilepsy. , 2023, , .		0
8493	Classifying chronic pain conditions using deep learning and resting-state fMRI. , 2023, , .		0
8500	EEG-Mapping. , 2023, , 503-516.		0
8506	Magnetoencephalography. , 2024, , .		0

#	ARTICLE	IF	CITATIONS
8510	Brain Mapping. , 2024, , 410-421.		0
8524	An Early Detection of Autism Spectrum Disorder Using PDNN and ABIDE I&II Dataset. Lecture Notes in Networks and Systems, 2024, , 295-310.	0.5	0
8525	Research Progress on Analysis Methods and Applications of Electroencephalogram Signals Based on Dynamic Functional Connectivity Analysis. , 2023, , .		0
8533	Methods and Populations. , 2024, , 11-53.		0
8541	Multi-view Brain Networks Construction for Alzheimerâ€™s Disease Diagnosis. , 2023, , .		0
8579	Current State of EEG/ERP Microstate Research. Brain Topography, 2024, 37, 169-180.	0.8	0
8593	Introductory Chapter: New Advances in MRI Clinical Analysis. , 0, , .		0
8603	Improving fMRI-based Autism Spectrum Disorder Classification with Random Walks-informed Feature Extraction and Selection. , 2023, , .		0