CITATION REPORT List of articles citing

The organization of the human cerebral cortex estimated by intrinsic functional connectivity

DOI: 10.1152/jn.00338.2011 Journal of Neurophysiology, 2011, 106, 1125-65.

Source: https://exaly.com/paper-pdf/49982288/citation-report.pdf

Version: 2024-04-10

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

#	Paper	IF	Citations
2243	The organization of the human cerebellum estimated by intrinsic functional connectivity. <i>Journal of Neurophysiology</i> , 2011 , 106, 2322-45	3.2	1265
2242	Functional network organization of the human brain. 2011 , 72, 665-78		2477
2241	Focal pontine lesions provide evidence that intrinsic functional connectivity reflects polysynaptic anatomical pathways. 2011 , 31, 15065-71		87
2240	Toward systems neuroscience of ADHD: a meta-analysis of 55 fMRI studies. 2012 , 169, 1038-55		594
2239	Network assemblies in the functional brain. 2012 , 25, 384-91		30
2238	Intrinsic amygdala-cortical functional connectivity predicts social network size in humans. 2012 , 32, 147	729-41	201
2237	The organization of the human striatum estimated by intrinsic functional connectivity. <i>Journal of Neurophysiology</i> , 2012 , 108, 2242-63	3.2	527
2236	Unravelling the intrinsic functional organization of the human lateral frontal cortex: a parcellation scheme based on resting state fMRI. 2012 , 32, 10238-52		54
2235	Lateralization in intrinsic functional connectivity of the temporoparietal junction with salience- and attention-related brain networks. <i>Journal of Neurophysiology</i> , 2012 , 108, 3382-92	3.2	106
2234	Connectivity-based structural and functional parcellation of the human cortex using diffusion imaging and tractography. 2012 , 6, 34		51
2233	Three subsystems of the inferior parietal cortex are differently affected in mild cognitive impairment. 2012 , 30, 475-87		46
2232	Electrophysiological low-frequency coherence and cross-frequency coupling contribute to BOLD connectivity. 2012 , 76, 1010-20		120
2231	Resting state functional connectivity of the striatum in Parkinson's disease. 2012 , 135, 3699-711		297
2230	The social brain in psychiatric and neurological disorders. 2012 , 16, 559-72		464
2229	Toward a Materialist Metapsychology: Major Operating Principles of the Brain Provide a Blueprint for a Fundamentally Psychodynamic Infrastructure. 2012 , 99, 563-588		3
2228	Explaining the encoding/retrieval flip: memory-related deactivations and activations in the posteromedial cortex. 2012 , 50, 3764-74		82
2227	Open neuroscience solutions for the connectome-wide association era. 2012 , 73, 214-8		94

A cortical core for dynamic integration of functional networks in the resting human brain. 2012 , 74, 753-64	319
2225 Large-scale brain systems in ADHD: beyond the prefrontal-striatal model. 2012 , 16, 17-26	458
2224 Characterizing variation in the functional connectome: promise and pitfalls. 2012 , 16, 181-8	190
2223 Cognit activation: a mechanism enabling temporal integration in working memory. 2012 , 16, 207-18	95
Neural correlates of establishing, maintaining, and switching brain states. 2012 , 16, 330-7	156
Network centrality in the human functional connectome. 2012 , 22, 1862-75	715
The fallacy of a "task-negative" network. 2012 , 3, 145	202
A functional architecture of the human brain: emerging insights from the science of emotion. 2012 , 16, 533-40	331
The influence of head motion on intrinsic functional connectivity MRI. 2012 , 59, 431-8	1823
The serendipitous discovery of the brain's default network. 2012 , 62, 1137-45	200
2216 The future of the human connectome. 2012 , 62, 1299-310	144
2215 A brief history of the resting state: the Washington University perspective. 2012 , 62, 902-10	161
Dissociable large-scale networks anchored in the right anterior insula subserve affective experience and attention. 2012 , 60, 1947-58	186
2213 A clustering-based method to detect functional connectivity differences. 2012 , 61, 56-61	8
A convergent functional architecture of the insula emerges across imaging modalities. 2012 , 61, 1129-42	282
2211 States of mind: emotions, body feelings, and thoughts share distributed neural networks. 2012 , 62, 2110-28	94
Neuropsychological assessment and the paradox of ADHD. 2012 , 1, 79-89	22
Metabolic brain covariant networks as revealed by FDG-PET with reference to resting-state fMRI networks. 2012 , 2, 275-83	105

2208	Local signal time-series during rest used for areal boundary mapping in individual human brains. 2012 , 7, e36496	20
2207	Clustering of resting state networks. 2012 , 7, e40370	124
2206	Functional Heterogeneity within the Default Network during Semantic Processing and Speech Production. 2012 , 3, 281	71
2205	The Consequences of Human Behavior. 2012 , 1, 205-228	1
2204	Monkey in the middle: why non-human primates are needed to bridge the gap in resting-state investigations. 2012 , 6, 29	99
2203	Resting state cortico-cerebellar functional connectivity networks: a comparison of anatomical and self-organizing map approaches. 2012 , 6, 31	166
2202	The fuzzy brain. Vagueness and mapping connectivity of the human cerebral cortex. 2012 , 6, 37	7
2201	The NKI-Rockland Sample: A Model for Accelerating the Pace of Discovery Science in Psychiatry. 2012 , 6, 152	437
2200	The ADHD-200 Consortium: A Model to Advance the Translational Potential of Neuroimaging in Clinical Neuroscience. 2012 , 6, 62	198
2199	Stepwise connectivity of the modal cortex reveals the multimodal organization of the human brain. 2012 , 32, 10649-61	179
2198	Human connectomics. 2012 , 22, 144-53	183
2197	Inferring functional connectivity in MRI using Bayesian network structure learning with a modified PC algorithm. 2013 , 75, 165-175	25
2196	Functional brain hubs and their test-retest reliability: a multiband resting-state functional MRI study. 2013 , 83, 969-82	135
2195	Control-related systems in the human brain. 2013 , 23, 223-8	222
2194	Multi-task connectivity reveals flexible hubs for adaptive task control. 2013 , 16, 1348-55	982
2193	The expected value of control: an integrative theory of anterior cingulate cortex function. 2013 , 79, 217-40	1160
2192	Feature-reduction and semi-simulated data in functional connectivity-based cortical parcellation. 2013 , 29, 333-47	3
2191	Towards a Theoretical Neuroscience: from Cell Chemistry to Cognition. 2013,	4

(2013-2013)

2190	Evidence for hubs in human functional brain networks. 2013 , 79, 798-813	499
2189	Spatially constrained hierarchical parcellation of the brain with resting-state fMRI. 2013 , 76, 313-24	158
2188	Functional brain imaging across development. 2013 , 22, 719-31	152
2187	Gender versus brain size effects on subcortical gray matter volumes in the human brain. 2013 , 556, 79-83	14
2186	Network discovery with large DCMs. 2013 , 68, 181-91	76
2185	Functional network architecture of reading-related regions across development. 2013 , 125, 231-43	53
2184	Groupwise whole-brain parcellation from resting-state fMRI data for network node identification. 2013 , 82, 403-15	499
2183	The angular gyrus: multiple functions and multiple subdivisions. 2013 , 19, 43-61	835
2182	The critical roles of localization and physiology for understanding parietal contributions to memory retrieval. 2013 , 19, 578-91	21
2181	Working memory for social information: chunking or domain-specific buffer?. 2013 , 70, 233-9	27
2180	The evolution of distributed association networks in the human brain. 2013 , 17, 648-65	412
2179	Functional connectomics from resting-state fMRI. 2013 , 17, 666-82	560
2178	Describing functional diversity of brain regions and brain networks. 2013 , 73, 50-8	157
2177	Heterogeneous impact of motion on fundamental patterns of developmental changes in functional connectivity during youth. 2013 , 83, 45-57	167
2176	The WU-Minn Human Connectome Project: an overview. 2013 , 80, 62-79	2585
2175	Function in the human connectome: task-fMRI and individual differences in behavior. 2013 , 80, 169-89	779
2174	Predicting Treatment Response from Resting State fMRI Data: Comparison of Parcellation Approaches. 2013 ,	1
2173	A Framework for Inter-Subject Prediction of Functional Connectivity From Structural Networks. 2013 , 32, 2200-14	19

2172	Mining the Hierarchy of Resting-State Brain Networks: Selection of Representative Clusters in a Multiscale Structure. 2013 ,	10
2171	The topographic connectome. 2013 , 23, 207-15	73
2170	The connectivity of functional cores reveals different degrees of segregation and integration in the brain at rest. 2013 , 69, 51-61	37
2169	Abnormal brain synchrony in Down Syndrome. 2013 , 2, 703-15	81
2168	Intrinsic coupling modes: multiscale interactions in ongoing brain activity. 2013, 80, 867-86	295
2167	Inter-subject alignment of human cortical anatomy using functional connectivity. 2013, 81, 400-411	77
2166	Le cervelet. 2013,	4
2165	ADHD as a Model of Brain-Behavior Relationships. 2013,	25
2164	How many clusters in the insular cortex?. 2013 , 23, 2779-80	11
2163	Natural scenes viewing alters the dynamics of functional connectivity in the human brain. 2013 , 79, 782-97	121
	Natural scenes viewing alters the dynamics of functional connectivity in the human brain. 2013 , 79, 782-97 Functional brain connectivity and cognition: effects of adult age and task demands. 2013 , 34, 1925-34	121
2162		
2162 2161	Functional brain connectivity and cognition: effects of adult age and task demands. 2013 , 34, 1925-34	24
2162 2161	Functional brain connectivity and cognition: effects of adult age and task demands. 2013 , 34, 1925-34 Individual variability in functional connectivity architecture of the human brain. 2013 , 77, 586-95	24 634
2162 2161 2160	Functional brain connectivity and cognition: effects of adult age and task demands. 2013 , 34, 1925-34 Individual variability in functional connectivity architecture of the human brain. 2013 , 77, 586-95 Functional neuroimaging and psychology: what have you done for me lately?. 2013 , 25, 834-42 Retinotopic patterns of correlated fluctuations in visual cortex reflect the dynamics of spontaneous perceptual suppression. 2013 , 33, 2188-98	24 634 16
2162 2161 2160 2159	Functional brain connectivity and cognition: effects of adult age and task demands. 2013 , 34, 1925-34 Individual variability in functional connectivity architecture of the human brain. 2013 , 77, 586-95 Functional neuroimaging and psychology: what have you done for me lately?. 2013 , 25, 834-42 Retinotopic patterns of correlated fluctuations in visual cortex reflect the dynamics of spontaneous perceptual suppression. 2013 , 33, 2188-98	24 634 16 34
2162 2161 2160 2159 2158	Functional brain connectivity and cognition: effects of adult age and task demands. 2013, 34, 1925-34 Individual variability in functional connectivity architecture of the human brain. 2013, 77, 586-95 Functional neuroimaging and psychology: what have you done for me lately?. 2013, 25, 834-42 Retinotopic patterns of correlated fluctuations in visual cortex reflect the dynamics of spontaneous perceptual suppression. 2013, 33, 2188-98 Cerebellar networks with the cerebral cortex and basal ganglia. 2013, 17, 241-54	24 634 16 34 495

(2013-2013)

2154	Brain connectivity and visual attention. 2013 , 3, 317-38	66
2153	Frequency specific interactions of MEG resting state activity within and across brain networks as revealed by the multivariate interaction measure. 2013 , 79, 172-83	91
2152	Graph analysis of the human connectome: promise, progress, and pitfalls. 2013, 80, 426-44	493
2151	Distributed effects of methylphenidate on the network structure of the resting brain: a connectomic pattern classification analysis. 2013 , 81, 213-221	32
2150	Functional interactions between intrinsic brain activity and behavior. 2013, 80, 379-86	97
2149	Meta-analysis of functional magnetic resonance imaging studies of inhibition and attention in attention-deficit/hyperactivity disorder: exploring task-specific, stimulant medication, and age effects. 2013 , 70, 185-98	430
2148	Intrinsic architecture underlying the relations among the default, dorsal attention, and frontoparietal control networks of the human brain. 2013 , 25, 74-86	453
2147	Dynamic functional connectivity: promise, issues, and interpretations. 2013 , 80, 360-78	1571
2146	The autonomic brain: an activation likelihood estimation meta-analysis for central processing of autonomic function. 2013 , 33, 10503-11	466
2145	Opportunities and limitations of intrinsic functional connectivity MRI. 2013 , 16, 832-7	625
2144	Heteromodal conceptual processing in the angular gyrus. 2013 , 71, 175-86	104
2143	Visualizing the human connectome. 2013 , 80, 445-61	76
2142	Resting state network estimation in individual subjects. 2013 , 82, 616-633	174
2141	An improved framework for confound regression and filtering for control of motion artifact in the preprocessing of resting-state functional connectivity data. 2013 , 64, 240-56	1024
2140	Toward reliable characterization of functional homogeneity in the human brain: preprocessing, scan duration, imaging resolution and computational space. 2013 , 65, 374-86	325
2139	Identification of reproducible individualized targets for treatment of depression with TMS based on intrinsic connectivity. 2013 , 66, 151-60	178
2138	Neural network connectivity differences in children who stutter. 2013 , 136, 3709-26	114
2137	Dreaming and the Default Mode Network. 2013 , 49, 226-232	5

2136	Of bandwagons and bathwater: the value of resting state functional magnetic resonance imaging for child psychiatric research. 2013 , 52, 562-5	4
2135	Pushing spatial and temporal resolution for functional and diffusion MRI in the Human Connectome Project. 2013 , 80, 80-104	534
2134	Memory Systems, Processing Modes, and Components: Functional Neuroimaging Evidence. 2013 , 8, 49-55	103
2133	From movement to thought: the development of executive function. 2013 , 2, 104-15	57
2132	Why are you looking like that? How the context influences evaluation and processing of human faces. 2013 , 8, 438-45	63
2131	In vivo characterization of the early states of the amyloid-beta network. 2013 , 136, 2239-52	84
2130	Impaired default network functional connectivity in autosomal dominant Alzheimer disease. 2013 , 81, 736-44	115
2129	Emergence of sensory patterns during sleep highlights differential dynamics of REM and non-REM sleep stages. 2013 , 33, 14715-28	15
2128	The encoding/retrieval flip: interactions between memory performance and memory stage and relationship to intrinsic cortical networks. 2013 , 25, 1163-79	42
2127	Rethinking the role of the rTPJ in attention and social cognition in light of the opposing domains hypothesis: findings from an ALE-based meta-analysis and resting-state functional connectivity. 2013 , 7, 323	58
2126	Cerebellar asymmetry and its relation to cerebral asymmetry estimated by intrinsic functional connectivity. <i>Journal of Neurophysiology</i> , 2013 , 109, 46-57	78
2125	Two distinct forms of functional lateralization in the human brain. 2013 , 110, E3435-44	221
2124	Graphs of brain networks. 2013 , 37, 1813-5	3
2123	Distinct parietal and temporal connectivity profiles of ventrolateral frontal areas involved in language production. 2013 , 33, 16846-52	55
2122	Resting-state fMRI: a review of methods and clinical applications. 2013 , 34, 1866-72	593
2121	Frequency-dependent relationship between resting-state functional magnetic resonance imaging signal power and head motion is localized within distributed association networks. 2014 , 4, 30-9	15
2120	Intrinsic functional connectivity of the brain swallowing network during subliminal esophageal acid stimulation. 2013 , 25, 992-e779	8
2119	From too much and too little towards stratified psychiatry and pathophysiology. 2013 , 12, 130-1	

2118	The fine-scale functional correlation of striate cortex in sighted and blind people. 2013 , 33, 16209-19	51
2117	Disorder-specific functional abnormalities during sustained attention in youth with Attention Deficit Hyperactivity Disorder (ADHD) and with autism. 2013 , 18, 236-44	183
2116	Progress with optogenetic functional MRI and its translational implications. 2013, 8, 691-700	8
2115	Daytime sleepiness is associated with decreased default mode network connectivity in both young and cognitively intact elderly subjects. 2013 , 36, 1609-15	40
2114	Resting state networks' corticotopy: the dual intertwined rings architecture. 2013 , 8, e67444	23
2113	Modulatory interactions of resting-state brain functional connectivity. 2013 , 8, e71163	16
2112	Evaluation of node-inhomogeneity effects on the functional brain network properties using an anatomy-constrained hierarchical brain parcellation. 2013 , 8, e74935	17
2111	BOLD Granger causality reflects vascular anatomy. 2013 , 8, e84279	43
2 110	Emotion. 2013,	
2109	Predictive feedback and conscious visual experience. 2012 , 3, 620	81
2109	Predictive feedback and conscious visual experience. 2012 , 3, 620 Resting-state functional connectivity of ventral parietal regions associated with attention reorienting and episodic recollection. 2013 , 7, 38	21
	Resting-state functional connectivity of ventral parietal regions associated with attention	
2108	Resting-state functional connectivity of ventral parietal regions associated with attention reorienting and episodic recollection. 2013 , 7, 38 Beyond Noise: Using Temporal ICA to Extract Meaningful Information from High-Frequency fMRI	21
2108	Resting-state functional connectivity of ventral parietal regions associated with attention reorienting and episodic recollection. 2013, 7, 38 Beyond Noise: Using Temporal ICA to Extract Meaningful Information from High-Frequency fMRI Signal Fluctuations during Rest. 2013, 7, 168 Parcellation of the cingulate cortex at rest and during tasks: a meta-analytic clustering and	21
2108 2107 2106	Resting-state functional connectivity of ventral parietal regions associated with attention reorienting and episodic recollection. 2013, 7, 38 Beyond Noise: Using Temporal ICA to Extract Meaningful Information from High-Frequency fMRI Signal Fluctuations during Rest. 2013, 7, 168 Parcellation of the cingulate cortex at rest and during tasks: a meta-analytic clustering and experimental study. 2013, 7, 275 Emotional modulation of experimental pain: a source imaging study of laser evoked potentials.	21 105 28
2108 2107 2106 2105	Resting-state functional connectivity of ventral parietal regions associated with attention reorienting and episodic recollection. 2013, 7, 38 Beyond Noise: Using Temporal ICA to Extract Meaningful Information from High-Frequency fMRI Signal Fluctuations during Rest. 2013, 7, 168 Parcellation of the cingulate cortex at rest and during tasks: a meta-analytic clustering and experimental study. 2013, 7, 275 Emotional modulation of experimental pain: a source imaging study of laser evoked potentials. 2013, 7, 552 Interpreting the effects of altered brain anatomical connectivity on fMRI functional connectivity: a	211052821
2108 2107 2106 2105 2104	Resting-state functional connectivity of ventral parietal regions associated with attention reorienting and episodic recollection. 2013, 7, 38 Beyond Noise: Using Temporal ICA to Extract Meaningful Information from High-Frequency fMRI Signal Fluctuations during Rest. 2013, 7, 168 Parcellation of the cingulate cortex at rest and during tasks: a meta-analytic clustering and experimental study. 2013, 7, 275 Emotional modulation of experimental pain: a source imaging study of laser evoked potentials. 2013, 7, 552 Interpreting the effects of altered brain anatomical connectivity on fMRI functional connectivity: a role for computational neural modeling. 2013, 7, 649	21 105 28 21 8

2100	Grey matter changes in cognitively impaired Parkinson's disease patients. 2014 , 9, e85595	49
2099	Intrinsic functional brain architecture derived from graph theoretical analysis in the human fetus. 2014 , 9, e94423	69
2098	Unravelling the intrinsic functional organization of the human striatum: a parcellation and connectivity study based on resting-state FMRI. 2014 , 9, e106768	71
2097	Increased resting state functional connectivity in the fronto-parietal and default mode network in anorexia nervosa. 2014 , 8, 346	62
2096	Insight into others' minds: spatio-temporal representations by intrinsic frame of reference. 2014 , 8, 58	3
2095	The VWFA: it's not just for words anymore. 2014 , 8, 88	72
2094	Functional neuroanatomy of developmental dyslexia: the role of orthographic depth. 2014, 8, 347	52
2093	Anatomical and functional plasticity in early blind individuals and the mixture of experts architecture. 2014 , 8, 971	24
2092	Multi-scale integration and predictability in resting state brain activity. 2014 , 8, 66	10
2091	The spatial structure of resting state connectivity stability on the scale of minutes. 2014 , 8, 138	86
2090	Which fMRI clustering gives good brain parcellations?. 2014 , 8, 167	208
2089	Detection of abnormal resting-state networks in individual patients suffering from focal epilepsy: an initial step toward individual connectivity assessment. 2014 , 8, 419	24
2088	Distinct regions of the cerebellum show gray matter decreases in autism, ADHD, and developmental dyslexia. 2014 , 8, 92	139
2087	The Role of Language on the Perception and Experience of Emotion. 2014,	
2086	Large-scale changes in network interactions as a physiological signature of spatial neglect. 2014 , 137, 3267-83	114
2085	Frontoparietal representations of task context support the flexible control of goal-directed cognition. 2014 , 34, 10743-55	95
2084	Neural correlates of dueling affective reactions to win-win choices. 2014 , 111, 10978-83	43
2083	Neurobiological basis of head motion in brain imaging. 2014 , 111, 6058-62	221

2082	The small-world organization of large-scale brain systems and relationships with subcortical structures. 2014 , 3, 245-52	5
2081	Transfer of learning relates to intrinsic connectivity between hippocampus, ventromedial prefrontal cortex, and large-scale networks. 2014 , 34, 11297-303	53
2080	Computation of resting state networks from fMRI through a measure of phase synchrony. 2014 , 2014, 1456-9	
2079	Functional connectivity relationships predict similarities in task activation and pattern information during associative memory encoding. 2014 , 26, 1085-99	39
2078	The circuitry of abulia: insights from functional connectivity MRI. 2014 , 6, 320-6	26
2077	Brain and language: evidence for neural multifunctionality. 2014 , 2014, 260381	17
2076	Intrinsic functional connectivity networks in healthy elderly subjects: a multiparametric approach with structural connectivity analysis. 2014 , 2014, 947252	13
2075	Functional heterogeneity in posterior parietal cortex across attention and episodic memory retrieval. 2014 , 24, 49-66	117
2074	Abnormal Parietal Brain Function in ADHD: Replication and Extension of Previous EEG Beta Asymmetry Findings. 2014 , 5, 87	20
2073	Structural and functional rich club organization of the brain in children and adults. 2014 , 9, e88297	123
2072	Functional ultrasound imaging of intrinsic connectivity in the living rat brain with high spatiotemporal resolution. 2014 , 5, 5023	94
2071	[Neurobiology of attention deficit hyperactivity disorder]. 2014 , 82, 9-29	17
2070	Directed interactivity of large-scale brain networks: Introducing a new method for estimating resting-state effective connectivity MRI. 2014 ,	1
2069	Cerebellar language mapping and cerebral language dominance in pediatric epilepsy surgery patients. 2014 , 6, 296-306	25
2068	Disruption of cortical association networks in schizophrenia and psychotic bipolar disorder. 2014 , 71, 109-18	261
2067	Involvement of the dorsal and ventral attention networks in oddball stimulus processing: a meta-analysis. 2014 , 35, 2265-84	132
2066	An intact action-perception coupling depends on the integrity of the cerebellum. 2014 , 34, 6707-16	32
2065	Modality-spanning deficits in attention-deficit/hyperactivity disorder in functional networks, gray matter, and white matter. 2014 , 34, 16555-66	59

A functional dissociation between language and multiple-demand systems revealed in patterns of BOLD signal fluctuations. <i>Journal of Neurophysiology</i> , 2014 , 112, 1105-18	3.2	99
Intermittent theta-burst stimulation of the lateral cerebellum increases functional connectivity of the default network. 2014 , 34, 12049-56		125
2062 Baseline frontostriatal-limbic connectivity predicts reward-based memory formation. 2014 , 35, 5921-31		15
Functional clustering of the human inferior parietal lobule by whole-brain connectivity mapping of resting-state functional magnetic resonance imaging signals. 2014 , 4, 53-69		59
2060 SCALABLE FUSED LASSO SVM FOR CONNECTOME-BASED DISEASE PREDICTION. 2014 , 2014, 5989-5993	3	2
2059 Efficiency of weak brain connections support general cognitive functioning. 2014 , 35, 4566-82		110
Dietary omega-3 fatty acids modulate large-scale systems organization in the rhesus macaque brain. 2014 , 34, 2065-74		54
2057 How machine learning is shaping cognitive neuroimaging. 2014 , 3, 28		74
2056 Spontaneous mentalizing predicts the fundamental attribution error. 2014 , 26, 569-76		11
2055 Characterizing thalamo-cortical disturbances in schizophrenia and bipolar illness. 2014 , 24, 3116-30		305
2054 Visual Network Asymmetry and Default Mode Network Function in ADHD: An fMRI Study. 2014 , 5, 81		25
2053 The Human Connectome: Linking Structure and Function in the Human Brain. 2014 , 401-428		
2052 The neuropsychology of attention: revisiting the "Mirsky model". 2014 , 3, 297-307		15
Spontaneous neuronal activity predicts intersubject variations in executive control of attention. 2051 2014 , 263, 181-92		38
Volitional regulation of emotions produces distributed alterations in connectivity between visual, attention control, and default networks. 2014 , 89, 110-21		82
2049 Integration of visual and motor functional streams in the human brain. 2014 , 567, 68-73		23
2048 Methods to detect, characterize, and remove motion artifact in resting state fMRI. 2014 , 84, 320-41		1793
2047 Neural correlates of nondual awareness in meditation. 2014 , 1307, 9-18		85

(2014-2014)

2046	Future planning: default network activity couples with frontoparietal control network and reward-processing regions during process and outcome simulations. 2014 , 9, 1942-51	98
2045	Contributions and challenges for network models in cognitive neuroscience. 2014 , 17, 652-60	507
2044	Abnormal lateralization of functional connectivity between language and default mode regions in autism. 2014 , 5, 8	62
2043	Understanding the temporal evolution of neuronal connectivity in cultured networks using statistical analysis. 2014 , 15, 17	8
2042	Disrupted network architecture of the resting brain in attention-deficit/hyperactivity disorder. 2014 , 35, 4693-705	105
2041	The cross-functional role of frontoparietal regions in cognition: internal attention as the overarching mechanism. 2014 , 116, 66-86	62
2040	Local activity determines functional connectivity in the resting human brain: a simultaneous FDG-PET/fMRI study. 2014 , 34, 6260-6	117
2039	Reworking the language network. 2014 , 18, 120-6	325
2038	What is normal in normal aging? Effects of aging, amyloid and Alzheimer's disease on the cerebral cortex and the hippocampus. 2014 , 117, 20-40	412
2037	Developmental changes in the organization of functional connections between the basal ganglia and cerebral cortex. 2014 , 34, 5842-54	66
2036	A multivariate distance-based analytic framework for connectome-wide association studies. 2014 , 93 Pt 1, 74-94	115
2035	Mapping distributed brain function and networks with diffuse optical tomography. 2014 , 8, 448-454	308
2034	Parcellating an individual subject's cortical and subcortical brain structures using snowball sampling of resting-state correlations. 2014 , 24, 2036-54	92
2033	Brain network dysfunction in late-life depression: a literature review. 2014 , 27, 5-12	76
2032	An approach for parcellating human cortical areas using resting-state correlations. 2014 , 93 Pt 2, 276-91	124
2031	Connectivity trajectory across lifespan differentiates the precuneus from the default network. 2014 , 89, 45-56	97
2030	Disease prediction based on functional connectomes using a scalable and spatially-informed support vector machine. 2014 , 96, 183-202	46
2029	Global resting-state functional magnetic resonance imaging analysis identifies frontal cortex, striatal, and cerebellar dysconnectivity in obsessive-compulsive disorder. 2014 , 75, 595-605	177

2028	Topological organization of the human brain functional connectome across the lifespan. 2014 , 7, 76-93	261
2027	Estimates of segregation and overlap of functional connectivity networks in the human cerebral cortex. 2014 , 88, 212-27	155
2026	In vivo architectonics: a cortico-centric perspective. 2014 , 93 Pt 2, 157-64	44
2025	Trends and properties of human cerebral cortex: correlations with cortical myelin content. 2014 , 93 Pt 2, 165-75	262
2024	Comparison of human ventral frontal cortex areas for cognitive control and language with areas in monkey frontal cortex. 2014 , 81, 700-13	275
2023	Studying brain organization via spontaneous fMRI signal. 2014 , 84, 681-96	167
2022	Resting-brain functional connectivity predicted by analytic measures of network communication. 2014 , 111, 833-8	371
2021	Decreased segregation of brain systems across the healthy adult lifespan. 2014 , 111, E4997-5006	406
2020	Resting-state blood oxygen level-dependent functional magnetic resonance imaging for presurgical planning. 2014 , 24, 655-69	13
2019	The frontoparietal control system: a central role in mental health. 2014 , 20, 652-64	291
	The frontoparietal control system: a central role in mental health. 2014 , 20, 652-64 The Myth of Executive Functioning. 2014 ,	291 31
2018	The Myth of Executive Functioning. 2014, Reconfigurable task-dependent functional coupling modes cluster around a core functional	31
2018	The Myth of Executive Functioning. 2014, Reconfigurable task-dependent functional coupling modes cluster around a core functional architecture. 2014, 369, Template based rotation: a method for functional connectivity analysis with a priori templates.	31
2018 2017 2016	The Myth of Executive Functioning. 2014, Reconfigurable task-dependent functional coupling modes cluster around a core functional architecture. 2014, 369, Template based rotation: a method for functional connectivity analysis with a priori templates. 2014, 102 Pt 2, 620-36 The relationship between amyloid deposition, neurodegeneration, and cognitive decline in	31 214 37
2018 2017 2016 2015	The Myth of Executive Functioning. 2014, Reconfigurable task-dependent functional coupling modes cluster around a core functional architecture. 2014, 369, Template based rotation: a method for functional connectivity analysis with a priori templates. 2014, 102 Pt 2, 620-36 The relationship between amyloid deposition, neurodegeneration, and cognitive decline in dementia. 2014, 14, 498 Functional specialization in the human brain estimated by intrinsic hemispheric interaction. 2014,	31 214 37
2018 2017 2016 2015	The Myth of Executive Functioning. 2014, Reconfigurable task-dependent functional coupling modes cluster around a core functional architecture. 2014, 369, Template based rotation: a method for functional connectivity analysis with a priori templates. 2014, 102 Pt 2, 620-36 The relationship between amyloid deposition, neurodegeneration, and cognitive decline in dementia. 2014, 14, 498 Functional specialization in the human brain estimated by intrinsic hemispheric interaction. 2014, 34, 12341-52	31 214 37 10 90

2010	Dynamic functional connectivity of the default mode network tracks daydreaming. 2014 , 100, 471-80	225
2009	A functional network estimation method of resting-state fMRI using a hierarchical Markov random field. 2014 , 100, 520-34	17
2008	The amygdala as a hub in brain networks that support social life. 2014 , 63, 235-48	199
2007	Modular structure facilitates mosaic evolution of the brain in chimpanzees and humans. 2014 , 5, 4469	65
2006	Neuroimaging in social anxiety disorder meta-analytic review resulting in a new neurofunctional model. 2014 , 47, 260-80	219
2005	Changes in structural and functional connectivity among resting-state networks across the human lifespan. 2014 , 102 Pt 2, 345-57	449
2004	Resting-state networks link invasive and noninvasive brain stimulation across diverse psychiatric and neurological diseases. 2014 , 111, E4367-75	348
2003	Behavioral relevance of the dynamics of the functional brain connectome. 2014 , 4, 741-59	76
2002	Lag in maturation of the brain's intrinsic functional architecture in attention-deficit/hyperactivity disorder. 2014 , 111, 14259-64	137
2001	Understanding human original actions directed at real-world goals: the role of the lateral prefrontal cortex. 2014 , 103, 91-105	3
2000	From Homo sapiens to Homo in nexu (connected man): could functional imaging redefine the brain of a "new human species"?. 2014 , 41, 1385-7	4
1999	Structural degree predicts functional network connectivity: a multimodal resting-state fMRI and MEG study. 2014 , 97, 296-307	87
1998	Altered resting functional connectivity of expressive language regions after speed reading training. 2014 , 36, 482-93	1
1997	Neuroimaging of the Philadelphia neurodevelopmental cohort. 2014 , 86, 544-53	307
1996	Network dysfunction in Alzheimer's disease: refining the disconnection hypothesis. 2014 , 4, 299-311	100
1995	Development of thalamocortical connectivity during infancy and its cognitive correlations. 2014 , 34, 9067-75	129
1994	Network measures predict neuropsychological outcome after brain injury. 2014 , 111, 14247-52	170
1993	Regional functional connectivity predicts distinct cognitive impairments in Alzheimer's disease spectrum. 2014 , 5, 385-95	43

1992	Beta coherence within human ventromedial prefrontal cortex precedes affective value choices. 2014 , 85 Pt 2, 769-78		27
1991	Algorithm to find high density EEG scalp coordinates and analysis of their correspondence to structural and functional regions of the brain. 2014 , 229, 84-96		51
1990	Disconnected aging: cerebral white matter integrity and age-related differences in cognition. 2014 , 276, 187-205		248
1989	Borders, map clusters, and supra-areal organization in visual cortex. 2014 , 93 Pt 2, 292-7		29
1988	Contributions of episodic retrieval and mentalizing to autobiographical thought: evidence from functional neuroimaging, resting-state connectivity, and fMRI meta-analyses. 2014 , 91, 324-35		184
1987	Understanding brain networks and brain organization. 2014 , 11, 400-35		197
1986	Disrupted modular organization of resting-state cortical functional connectivity in U.S. military personnel following concussive 'mild' blast-related traumatic brain injury. 2014 , 84, 76-96		83
1985	The default network and self-generated thought: component processes, dynamic control, and clinical relevance. 2014 , 1316, 29-52		1027
1984	Functional connectivity-based parcellation of the human sensorimotor cortex. 2014 , 39, 1332-42		22
1983	Lag structure in resting-state fMRI. <i>Journal of Neurophysiology</i> , 2014 , 111, 2374-91	3.2	115
1983 1982	Lag structure in resting-state fMRI. <i>Journal of Neurophysiology</i> , 2014 , 111, 2374-91 Test-retest reliabilities of resting-state FMRI measurements in human brain functional connectomics: a systems neuroscience perspective. 2014 , 45, 100-18	3.2	115 405
1982	Test-retest reliabilities of resting-state FMRI measurements in human brain functional	3.2	
1982 1981	Test-retest reliabilities of resting-state FMRI measurements in human brain functional connectomics: a systems neuroscience perspective. 2014 , 45, 100-18	3.2	405
1982 1981	Test-retest reliabilities of resting-state FMRI measurements in human brain functional connectomics: a systems neuroscience perspective. 2014 , 45, 100-18 How local excitation-inhibition ratio impacts the whole brain dynamics. 2014 , 34, 7886-98	3.2	405
1982 1981 1980	Test-retest reliabilities of resting-state FMRI measurements in human brain functional connectomics: a systems neuroscience perspective. 2014 , 45, 100-18 How local excitation-inhibition ratio impacts the whole brain dynamics. 2014 , 34, 7886-98 Subject-specific functional parcellation via prior based eigenanatomy. 2014 , 99, 14-27	3.2	405 180
1982 1981 1980	Test-retest reliabilities of resting-state FMRI measurements in human brain functional connectomics: a systems neuroscience perspective. 2014 , 45, 100-18 How local excitation-inhibition ratio impacts the whole brain dynamics. 2014 , 34, 7886-98 Subject-specific functional parcellation via prior based eigenanatomy. 2014 , 99, 14-27 Phase based venous suppression in resting-state BOLD GE-fMRI. 2014 , 100, 51-9 Linking DMN connectivity to episodic memory capacity: what can we learn from patients with	3.2	405 180 11
1982 1981 1980 1979 1978	Test-retest reliabilities of resting-state FMRI measurements in human brain functional connectomics: a systems neuroscience perspective. 2014, 45, 100-18 How local excitation-inhibition ratio impacts the whole brain dynamics. 2014, 34, 7886-98 Subject-specific functional parcellation via prior based eigenanatomy. 2014, 99, 14-27 Phase based venous suppression in resting-state BOLD GE-fMRI. 2014, 100, 51-9 Linking DMN connectivity to episodic memory capacity: what can we learn from patients with medial temporal lobe damage?. 2014, 5, 188-96 The parahippocampal gyrus links the default-mode cortical network with the medial temporal lobe	3.2	405 180 11 14 48

(2015-2014)

1974	An open science resource for establishing reliability and reproducibility in functional connectomics. 2014 , 1, 140049	247
1973	Resting state executive control network adaptations in amnestic mild cognitive impairment. 2014 , 40, 993-1004	23
1972	Topographic organization of areas V3 and V4 and its relation to supra-areal organization of the primate visual system. 2015 , 32, E014	27
1971	Altered resting-state frontoparietal control network in children with attention-deficit/hyperactivity disorder. 2015 , 21, 271-84	58
1970	Dorsal anterior cingulate cortex in typically developing children: Laterality analysis. 2015 , 15, 117-29	7
1969	. 2015,	2
1968	Reduced functional connectivity during controlled semantic integration in schizophrenia: A multivariate approach. 2015 , 36, 2948-64	15
1967	Task-sensitive reconfiguration of corticocortical 6-20 Hz oscillatory coherence in naturalistic human performance. 2015 , 36, 2455-69	9
1966	Dissociated multimodal hubs and seizures in temporal lobe epilepsy. 2015 , 2, 338-52	19
1965	Memory Retrieval and the Functional Organization of Frontal Cortex. 2015 , 131-149	6
1964	Evidence of a dissociation pattern in default mode subnetwork functional connectivity in schizophrenia. 2015 , 5, 14655	43
1963	Exogenous features versus prior experiences modulate different subregions of the right IPL during episodic memory retrieval. 2015 , 5, 11248	13
1962	Brain Genomics Superstruct Project initial data release with structural, functional, and behavioral measures. 2015 , 2, 150031	204
1961	Intrinsic Brain Activity and Resting State Networks. 2015 , 1-52	O
1960	Violence: heightened brain attentional network response is selectively muted in Down syndrome. 2015 , 7, 15	4
1959	Automated iterative reclustering framework for determining hierarchical functional networks in resting state fMRI. 2015 , 36, 3303-22	6
1958	Measuring embeddedness: Hierarchical scale-dependent information exchange efficiency of the human brain connectome. 2015 , 36, 3653-65	10
1957	Connectivity-based parcellation: Critique and implications. 2015 , 36, 4771-92	189

1956	Resting state functional MRI reveals abnormal network connectivity in neurofibromatosis 1. 2015 , 36, 4566-81	21
1955	Acupuncture at KI3 in healthy volunteers induces specific cortical functional activity: an fMRI study. 2015 , 15, 361	21
1954	Regional brain volume differences between males with and without autism spectrum disorder are highly age-dependent. 2015 , 6, 29	41
1953	Disrupted functional connectivity of cerebellar default network areas in attention-deficit/hyperactivity disorder. 2015 , 36, 3373-86	57
1952	The imagined itch: brain circuitry supporting nocebo-induced itch in atopic dermatitis patients. 2015 , 70, 1485-92	36
1951	Oral contraceptive pill use is associated with localized decreases in cortical thickness. 2015 , 36, 2644-54	39
1950	Common neural correlates of emotion perception in humans. 2015 , 36, 4184-201	24
1949	Reliability correction for functional connectivity: Theory and implementation. 2015 , 36, 4664-80	48
1948	The influence of mild carbon dioxide on brain functional homotopy using resting-state fMRI. 2015 , 36, 3912-21	16
1947	Social cognition and the cerebellum: A meta-analytic connectivity analysis. 2015 , 36, 5137-54	101
1947 1946	Social cognition and the cerebellum: A meta-analytic connectivity analysis. 2015 , 36, 5137-54 Brain network connectivity-behavioral relationships exhibit trait-like properties: Evidence from hippocampal connectivity and memory. 2015 , 25, 1591-8	101
	Brain network connectivity-behavioral relationships exhibit trait-like properties: Evidence from	
1946	Brain network connectivity-behavioral relationships exhibit trait-like properties: Evidence from hippocampal connectivity and memory. 2015 , 25, 1591-8 The effects of bromazepam over the central and frontal areas during a motor task: an EEG study.	25
1946 1945	Brain network connectivity-behavioral relationships exhibit trait-like properties: Evidence from hippocampal connectivity and memory. 2015 , 25, 1591-8 The effects of bromazepam over the central and frontal areas during a motor task: an EEG study. 2015 , 73, 321-9	25 4
1946 1945 1944	Brain network connectivity-behavioral relationships exhibit trait-like properties: Evidence from hippocampal connectivity and memory. 2015, 25, 1591-8 The effects of bromazepam over the central and frontal areas during a motor task: an EEG study. 2015, 73, 321-9 The NOLB model: a model of the natural organization of language and the brain. 101-134	25 4 12
1946 1945 1944 1943	Brain network connectivity-behavioral relationships exhibit trait-like properties: Evidence from hippocampal connectivity and memory. 2015, 25, 1591-8 The effects of bromazepam over the central and frontal areas during a motor task: an EEG study. 2015, 73, 321-9 The NOLB model: a model of the natural organization of language and the brain. 101-134 Neuropsychiatric Symptoms and Functional Connectivity in Mild Cognitive Impairment. 2015, 46, 727-35	25 4 12 33
1946 1945 1944 1943	Brain network connectivity-behavioral relationships exhibit trait-like properties: Evidence from hippocampal connectivity and memory. 2015, 25, 1591-8 The effects of bromazepam over the central and frontal areas during a motor task: an EEG study. 2015, 73, 321-9 The NOLB model: a model of the natural organization of language and the brain. 101-134 Neuropsychiatric Symptoms and Functional Connectivity in Mild Cognitive Impairment. 2015, 46, 727-35 Role of Hybrid Brain Imaging in Neuropsychiatric Disorders. 2015, 5, 577-614 A voxelwise approach to determine consensus regions-of-interest for the study of brain network	25 4 12 33 8

(2015-2015)

1938	Hierarchical and homotopic correlations of spontaneous neural activity within the visual cortex of the sighted and blind. 2015 , 9, 25	16
1937	Aberrant cerebellar connectivity in motor and association networks in schizophrenia. 2015 , 9, 134	55
1936	The embodied brain: towards a radical embodied cognitive neuroscience. 2015 , 9, 237	65
1935	Dimensionality of ICA in resting-state fMRI investigated by feature optimized classification of independent components with SVM. 2015 , 9, 259	27
1934	Altered connectivity of the dorsal and ventral visual regions in dyslexic children: a resting-state fMRI study. 2015 , 9, 495	41
1933	Controlled processing during sequencing. 2015 , 9, 599	1
1932	The Neural Correlates of Optimistic and Depressive Tendencies of Self-Evaluations and Resting-State Default Mode Network. 2015 , 9, 618	15
1931	Impact of hematocrit on measurements of the intrinsic brain. 2014 , 8, 452	9
1930	Identification of functional networks in resting state fMRI data using adaptive sparse representation and affinity propagation clustering. 2015 , 9, 383	18
1929	Cerebro-cerebellar circuits in autism spectrum disorder. 2015 , 9, 408	149
	Cerebro-cerebellar circuits in autism spectrum disorder. 2015 , 9, 408 Altered Synchronizations among Neural Networks in Geriatric Depression. 2015 , 2015, 343720	149
1928		
1928	Altered Synchronizations among Neural Networks in Geriatric Depression. 2015, 2015, 343720 The Default Mode and Other Resting State Networks. 2015,	
1928	Altered Synchronizations among Neural Networks in Geriatric Depression. 2015, 2015, 343720 The Default Mode and Other Resting State Networks. 2015,	10
1928 1927 1926	Altered Synchronizations among Neural Networks in Geriatric Depression. 2015, 2015, 343720 The Default Mode and Other Resting State Networks. 2015, A Sensitive and Specific Neural Signature for Picture-Induced Negative Affect. 2015, 13, e1002180 Loss of resting-state posterior cingulate flexibility is associated with memory disturbance in left	10
1928 1927 1926 1925	Altered Synchronizations among Neural Networks in Geriatric Depression. 2015, 2015, 343720 The Default Mode and Other Resting State Networks. 2015, A Sensitive and Specific Neural Signature for Picture-Induced Negative Affect. 2015, 13, e1002180 Loss of resting-state posterior cingulate flexibility is associated with memory disturbance in left temporal lobe epilepsy. 2015, 10, e0131209 A Bayesian Alternative to Mutual Information for the Hierarchical Clustering of Dependent Random	10 197 18
1928 1927 1926 1925	Altered Synchronizations among Neural Networks in Geriatric Depression. 2015, 2015, 343720 The Default Mode and Other Resting State Networks. 2015, A Sensitive and Specific Neural Signature for Picture-Induced Negative Affect. 2015, 13, e1002180 Loss of resting-state posterior cingulate flexibility is associated with memory disturbance in left temporal lobe epilepsy. 2015, 10, e0131209 A Bayesian Alternative to Mutual Information for the Hierarchical Clustering of Dependent Random Variables. 2015, 10, e0137278 Integrated Analysis and Visualization of Group Differences in Structural and Functional Brain	10 197 18 4

1920	Functional Connectivity Estimated from Resting-State fMRI Reveals Selective Alterations in Male Adolescents with Pure Conduct Disorder. 2015 , 10, e0145668	26
1919	Reorganization of brain networks in aging: a review of functional connectivity studies. 2015 , 6, 663	257
1918	Neural Stimulation Has a Long-Term Effect on Foreign Vocabulary Acquisition. 2015 , 2015, 671705	5
1917	Examination of Local Functional Homogeneity in Autism. 2015 , 2015, 174371	22
1916	Neuroimaging of ADHD. 198-209	
1915	Variety in emotional life: within-category typicality of emotional experiences is associated with neural activity in large-scale brain networks. 2015 , 10, 62-71	37
1914	State-dependent and trait-related gray matter changes in nonrefractory depression. 2015 , 26, 57-65	15
1913	Lag threads organize the brain's intrinsic activity. 2015 , 112, E2235-44	122
1912	A Bayesian model of category-specific emotional brain responses. 2015 , 11, e1004066	136
1911	Finding the self by losing the self: Neural correlates of ego-dissolution under psilocybin. 2015 , 36, 3137-53	122
1910	Local-to-remote cortical connectivity in early- and adulthood-onset schizophrenia. 2015, 5, e566	37
1909	Between-network connectivity occurs in brain regions lacking layer IV input. 2015 , 116, 50-8	13
1908	Accurate age classification of 6 and 12 month-old infants based on resting-state functional connectivity magnetic resonance imaging data. 2015 , 12, 123-33	40
1908 1907		40 365
1907	connectivity magnetic resonance imaging data. 2015 , 12, 123-33 The wandering brain: meta-analysis of functional neuroimaging studies of mind-wandering and	
1907 1906	connectivity magnetic resonance imaging data. 2015 , 12, 123-33 The wandering brain: meta-analysis of functional neuroimaging studies of mind-wandering and related spontaneous thought processes. 2015 , 111, 611-21	365
1907 1906 1905	connectivity magnetic resonance imaging data. 2015 , 12, 123-33 The wandering brain: meta-analysis of functional neuroimaging studies of mind-wandering and related spontaneous thought processes. 2015 , 111, 611-21 Meta-analytic connectivity and behavioral parcellation of the human cerebellum. 2015 , 117, 327-42	365 42

1902	The Lag Structure of Intrinsic Activity is Focally Altered in High Functioning Adults with Autism. 2017 , 27, 1083-1093	30
1901	A hierarchical Bayesian model for flexible module discovery in three-way time-series data. 2015 , 31, i17-26	8
1900	Separable roles for attentional control sub-systems in reading tasks: a combined behavioral and fMRI study. 2015 , 25, 1198-218	18
1899	The Richness of Task-Evoked Hemodynamic Responses Defines a Pseudohierarchy of Functionally Meaningful Brain Networks. 2015 , 25, 2658-69	32
1898	Increased Visual Stimulation Systematically Decreases Activity in Lateral Intermediate Cortex. 2015 , 25, 4009-28	11
1897	Canonical genetic signatures of the adult human brain. 2015 , 18, 1832-44	301
1896	Automatic and Controlled Semantic Retrieval: TMS Reveals Distinct Contributions of Posterior Middle Temporal Gyrus and Angular Gyrus. 2015 , 35, 15230-9	118
1895	Enhanced In Vitro Biocompatibility of Chemically Modified Poly(dimethylsiloxane) Surfaces for Stable Adhesion and Long-term Investigation of Brain Cerebral Cortex Cells. 2015 , 7, 25529-38	35
1894	The Structural and Functional Connectome and Prediction of Risk for Cognitive Impairment in Older Adults. 2015 , 2, 234-245	24
1893	Resting-State Blood Oxygen Level-Dependent Functional MRI: A Paradigm Shift in Preoperative Brain Mapping. 2015 , 93, 427-39	18
1892	Spatial and temporal characteristics of error-related activity in the human brain. 2015 , 35, 253-66	48
1891	A potential biomarker in sports-related concussion: brain functional connectivity alteration of the default-mode network measured with longitudinal resting-state fMRI over thirty days. 2015 , 32, 327-41	91
1890	Resting-state connectivity and functional specialization in human medial parieto-occipital cortex. 2015 , 220, 3307-21	43
1889	Mathematical framework for large-scale brain network modeling in The Virtual Brain. 2015 , 111, 385-430	166
1888	Robust brain parcellation using sparse representation on resting-state fMRI. 2015 , 220, 3565-79	19
1887	An integrative neural model of social perception, action observation, and theory of mind. 2015 , 51, 263-75	152
1886	An OP4 functional stream in the language-related neuroarchitecture. 2015 , 25, 658-66	18
1885	GraSP: geodesic Graph-based Segmentation with Shape Priors for the functional parcellation of the cortex. 2015 , 106, 207-21	45

1884	The brain's resting-state activity is shaped by synchronized cross-frequency coupling of neural oscillations. 2015 , 111, 26-35	104
1883	Disrupted neural activity in unilateral vascular pulsatile tinnitus patients in the early stage of disease: evidence from resting-state fMRI. 2015 , 59, 91-99	22
1882	Shared neural processes support semantic control and action understanding. 2015 , 142, 24-35	30
1881	Large-scale probabilistic functional modes from resting state fMRI. 2015 , 109, 217-31	67
1880	Behavioural and neural basis of anomalous motor learning in children with autism. 2015 , 138, 784-97	95
1879	Intrinsic connectivity in the human brain does not reveal networks for 'basic' emotions. 2015 , 10, 1257-65	75
1878	Sex differences in normal age trajectories of functional brain networks. 2015 , 36, 1524-35	150
1877	Understanding structural-functional relationships in the human brain: a large-scale network perspective. 2015 , 21, 290-305	113
1876	Functional interactions between large-scale networks during memory search. 2015 , 25, 667-79	33
1875	A Connectome Computation System for discovery science of brain. 2015 , 60, 86-95	82
1874	Encoding and retrieval along the long axis of the hippocampus and their relationships with dorsal attention and default mode networks: The HERNET model. 2015 , 25, 500-10	68
1873	Mental simulation and meaning in life. 2015 , 108, 336-355	79
1872	Depressive Rumination, the Default-Mode Network, and the Dark Matter of Clinical Neuroscience. 2015 , 78, 224-30	430
1871	Attention and other constructs: evolution or revolution?. 2015 , 4, 123-31	8
1870	Functional connectivity during rested wakefulness predicts vulnerability to sleep deprivation. 2015 , 111, 147-58	157
1869	Gray matter myelination of 1555 human brains using partial volume corrected MRI images. 2015 , 105, 473-85	106
1868	Clinical Functional MRI. 2015 ,	4
1867	Attention: an evolving construct. 2015 , 4, 80-8	3

1866	Breakdown of the brain's functional network modularity with awareness. 2015, 112, 3799-804	89
1865	Large-Scale Functional Brain Organization. 2015 , 449-459	15
1864	Brain Mapping of Control Processes. 2015 , 581-587	1
1863	Salience Network. 2015 , 597-611	265
1862	Dynamic reorganization of human resting-state networks during visuospatial attention. 2015 , 112, 8112-7	109
1861	Functional Organization of Social Perception and Cognition in the Superior Temporal Sulcus. 2015 , 25, 4596-609	190
1860	Joint Spectral Decomposition for the Parcellation of the Human Cerebral Cortex Using Resting-State fMRI. 2015 , 24, 85-97	24
1859	AICHA: An atlas of intrinsic connectivity of homotopic areas. 2015 , 254, 46-59	135
1858	Network-level reorganisation of functional connectivity following arm amputation. 2015 , 114, 217-25	73
1857	Ageing shows a pattern of cerebellar degeneration analogous, but not equal, to that in patients suffering from cerebellar degenerative disease. 2015 , 116, 196-206	21
1856	cTBS delivered to the left somatosensory cortex changes its functional connectivity during rest. 2015 , 114, 386-397	42
1855	Inscapes: A movie paradigm to improve compliance in functional magnetic resonance imaging. 2015 , 122, 222-32	163
1854	A parietal memory network revealed by multiple MRI methods. 2015 , 19, 534-43	133
1853	Co-activated yet disconnected-Neural correlates of eye closures when trying to stay awake. 2015 , 118, 553-62	30
1852	Resting-state temporal synchronization networks emerge from connectivity topology and heterogeneity. 2015 , 11, e1004100	139
1851	Dynamic brain architectures in local brain activity and functional network efficiency associate with efficient reading in bilinguals. 2015 , 119, 103-18	19
1850	Specifying the core network supporting episodic simulation and episodic memory by activation likelihood estimation. 2015 , 75, 450-7	236
1849	Ventral fronto-temporal pathway supporting cognitive control of episodic memory retrieval. 2015 , 25, 1004-19	73

1848	Mapping Cingulate Subregions. 2015 , 325-339	5
1847	Response Inhibition. 2015, 303-317	1
1846	Estimating Large-Scale Network Convergence in the Human Functional Connectome. 2015 , 5, 565-74	16
1845	Functional Neuroimaging: Fundamental Principles and Clinical Applications. 2015 , 28, 87-96	17
1844	Vascular coupling in resting-state fMRI: evidence from multiple modalities. 2015 , 35, 1910-20	28
1843	Neural networks supporting switching, hypothesis testing, and rule application. 2015 , 77, 19-34	24
1842	Functional System and Areal Organization of a Highly Sampled Individual Human Brain. 2015, 87, 657-70	498
1841	PCC characteristics at rest in 10-year memory decliners. 2015 , 36, 2812-20	2 0
1840	Time-frequency dynamics of the sum of intra- and extracerebral hemodynamic functional connectivity during resting-state and respiratory challenges assessed by multimodal functional near-infrared spectroscopy. 2015 , 120, 481-92	12
1839	Cooperative and Competitive Spreading Dynamics on the Human Connectome. 2015 , 86, 1518-29	197
1838	Analysis of cortical shape in children with simplex autism. 2015 , 25, 1042-51	34
1837	The Default Network and Social Cognition. 2015 , 165-169	46
1836	Automatic Labeling of the Human Cerebral Cortex. 2015 , 357-363	
1835	Methodological Issues in fMRI Functional Connectivity and Network Analysis. 2015, 697-704	1
1834	Posterior Parietal Cortex: Structural and Functional Diversity. 2015 , 317-323	1
1833	Functional connectivity hubs of the mouse brain. 2015 , 115, 281-91	105
1832	Improving reliability of subject-level resting-state fMRI parcellation with shrinkage estimators. 2015 , 112, 14-29	27
1831	Comparison of functional thalamic segmentation from seed-based analysis and ICA. 2015 , 114, 448-65	29

(2015-2015)

1830	Functional brain networks underlying detection and integration of disconfirmatory evidence. 2015 , 112, 138-151	23
1829	Altered resting-state functional connectivity in cortical networks in psychopathy. 2015 , 35, 6068-78	67
1828	An Interdisciplinary Approach to Analysis of the Cerebral Mechanisms of Learning Difficulties in Children. Experience of Studies of Children with Signs of ADHD. 2015 , 45, 58-73	3
1827	Functional subdivisions of medial parieto-occipital cortex in humans and nonhuman primates using resting-state fMRI. 2015 , 116, 10-29	37
1826	Echoes of the Brain: Local-Scale Representation of Whole-Brain Functional Networks within Transmodal Cortex. 2015 , 21, 540-551	22
1825	Dreaming and the default network: A review, synthesis, and counterintuitive research proposal. 2015 , 33, 342-53	59
1824	Relationship between simultaneously acquired resting-state regional cerebral glucose metabolism and functional MRI: a PET/MR hybrid scanner study. 2015 , 113, 111-21	113
1823	Consciousness and Moral Responsibility. 2015 , anv012	
1822	Presurgical Resting-State fMRI. 2015 , 143-158	
1821	Altered functional connectivity among default, attention, and control networks in idiopathic generalized epilepsy. 2015 , 46, 118-25	27
1820	Sensation-to-cognition cortical streams in attention-deficit/hyperactivity disorder. 2015 , 36, 2544-57	34
1819	Effects of HIV and combination antiretroviral therapy on cortico-striatal functional connectivity. 2015 , 29, 703-12	55
1818	Relationship of fast- and slow-timescale neuronal dynamics in human MEG and SEEG. 2015 , 35, 5385-96	40
1817	Cognitive network neuroscience. 2015 , 27, 1471-91	229
1816	Abnormalities in hemispheric specialization of caudate nucleus connectivity in schizophrenia. 2015 , 72, 552-60	49
1815	Imbalanced functional link between executive control network and reward network explain the online-game seeking behaviors in Internet gaming disorder. 2015 , 5, 9197	36
1814	Electrophysiological signatures of spontaneous BOLD fluctuations in macaque prefrontal cortex. 2015 , 113, 257-67	30
1813	Toward systems neuroscience in mild cognitive impairment and Alzheimer's disease: a meta-analysis of 75 fMRI studies. 2015 , 36, 1217-32	103

1812	Large-Scale Network Dysfunction in Major Depressive Disorder: A Meta-analysis of Resting-State Functional Connectivity. 2015 , 72, 603-11	970
1811	Resting-State Functional Connectivity in Individuals with Down Syndrome and Williams Syndrome Compared with Typically Developing Controls. 2015 , 5, 461-75	39
1810	Cerebral cartography and connectomics. 2015 , 370,	47
1809	Supervised dictionary learning for inferring concurrent brain networks. 2015 , 34, 2036-45	48
1808	Special issue [Hearing, aging and cognitive disorders Resting state network changes in aging and cognitive decline. 2015 , 13, 58-64	4
1807	Idiosyncratic brain activation patterns are associated with poor social comprehension in autism. 2015 , 35, 5837-50	90
1806	The Necessity of Rostrolateral Prefrontal Cortex for Higher-Level Sequential Behavior. 2015 , 87, 1357-1368	56
1805	Imaging human brain networks to improve the clinical efficacy of non-invasive brain stimulation. 2015 , 57, 187-98	80
1804	A shift in perspective: Decentering through mindful attention to imagined stressful events. 2015 , 75, 505-24	52
1803	Intrinsic brain indices of verbal working memory capacity in children and adolescents. 2015 , 15, 67-82	28
	Intrinsic brain indices of verbal working memory capacity in children and adolescents. 2015 , 15, 67-82 Measuring macroscopic brain connections in vivo. 2015 , 18, 1546-55	28
1802		
1802	Measuring macroscopic brain connections in vivo. 2015 , 18, 1546-55	225
1802	Measuring macroscopic brain connections in vivo. 2015 , 18, 1546-55 From phenotypic chaos to neurobiological order. 2015 , 18, 1532-4	225
1802 1801 1800	Measuring macroscopic brain connections in vivo. 2015 , 18, 1546-55 From phenotypic chaos to neurobiological order. 2015 , 18, 1532-4 Pore dilation reconsidered. 2015 , 18, 1534-5 Brain Activity and Network Interactions Linked to Valence-Related Differences in the Impact of	225
1802 1801 1800	Measuring macroscopic brain connections in vivo. 2015, 18, 1546-55 From phenotypic chaos to neurobiological order. 2015, 18, 1532-4 Pore dilation reconsidered. 2015, 18, 1534-5 Brain Activity and Network Interactions Linked to Valence-Related Differences in the Impact of Emotional Distraction. 2017, 27, 731-749 Probabilistic model-based functional parcellation reveals a robust, fine-grained subdivision of the	225 6 11 38
1802 1801 1800 1799	Measuring macroscopic brain connections in vivo. 2015, 18, 1546-55 From phenotypic chaos to neurobiological order. 2015, 18, 1532-4 Pore dilation reconsidered. 2015, 18, 1534-5 Brain Activity and Network Interactions Linked to Valence-Related Differences in the Impact of Emotional Distraction. 2017, 27, 731-749 Probabilistic model-based functional parcellation reveals a robust, fine-grained subdivision of the striatum. 2015, 119, 398-405 Neural substrates of spontaneous narrative production in focal neurodegenerative disease. 2015,	225 6 11 38 39

(2015-2015)

1794	2015, 19, 1375-83	11
1793	The anatomy of fear learning in the cerebellum: A systematic meta-analysis. 2015 , 59, 83-91	31
1792	Brain Networks and Cognitive Architectures. 2015 , 88, 207-19	276
1791	Individual Variability of the System-Level Organization of the Human Brain. 2017 , 27, 386-399	117
1790	Short-term test-retest reliability of resting state fMRI metrics in children with and without attention-deficit/hyperactivity disorder. 2015 , 15, 83-93	41
1789	The Roots of Alzheimer's Disease: Are High-Expanding Cortical Areas Preferentially Targeted? 2015 , 25, 2556-65	16
1788	Functions of the human frontoparietal attention network: Evidence from neuroimaging. 2015, 1, 32-39	129
1787	Functional connectivity change across multiple cortical networks relates to episodic memory changes in aging. 2015 , 36, 3255-3268	38
1786	Towards an Individualized Delineation of Functional Neuroanatomy. 2015 , 87, 471-3	20
1785	Discrimination of schizophrenia auditory hallucinators by machine learning of resting-state functional MRI. 2015 , 25, 1550007	53
1784	A neural substrate for behavioral inhibition in the risk for major depressive disorder. 2015 , 54, 841-8	14
1783	Connectome-wide network analysis of youth with Psychosis-Spectrum symptoms. 2015 , 20, 1508-15	78
1782	Multimodal connectivity of motor learning-related dorsal premotor cortex. 2015, 123, 114-28	26
1781	Functional Connectivity in Multiple Cortical Networks Is Associated with Performance Across Cognitive Domains in Older Adults. 2015 , 5, 505-16	55
1780	Putting age-related task activation into large-scale brain networks: A meta-analysis of 114 fMRI studies on healthy aging. 2015 , 57, 156-74	99
1779	Brain system for mental orientation in space, time, and person. 2015 , 112, 11072-7	135
1778	Dynamic reconfiguration of frontal brain networks during executive cognition in humans. 2015 , 112, 11678-83	427
1777	Resting-state functional connectivity density mapping of etiology confirmed unilateral pulsatile tinnitus patients: Altered functional hubs in the early stage of disease. 2015 , 310, 27-37	15

1776	Earlier adolescent substance use onset predicts stronger connectivity between reward and cognitive control brain networks. 2015 , 16, 121-129	44
1775	Cerebellar gray matter and lobular volumes correlate with core autism symptoms. 2015 , 7, 631-9	138
1774	Parcellating cortical functional networks in individuals. 2015 , 18, 1853-60	278
1773	Modulation of effective connectivity in the default mode network at rest and during a memory task. 2015 , 5, 60-7	7
1772	Attention Deficit/Hyperactivity Disorder. 2015 , 42-58	2
1771	Functional connectivity of hippocampal and prefrontal networks during episodic and spatial memory based on real-world environments. 2015 , 25, 81-93	44
1770	Frontoparietal networks involved in categorization and item working memory. 2015 , 107, 146-162	25
1769	Development and validation of consensus clustering-based framework for brain segmentation using resting fMRI. 2015 , 240, 128-40	20
1768	Probabilistic Maps of Visual Topography in Human Cortex. 2015 , 25, 3911-31	302
1767	Consistent anterior-posterior segregation of the insula during the first 2 years of life. 2015 , 25, 1176-87	60
1766	Development of human brain cortical network architecture during infancy. 2015 , 220, 1173-86	173
1765	Connectomics: a new paradigm for understanding brain disease. 2015 , 25, 733-48	137
1764	Linked Sex Differences in Cognition and Functional Connectivity in Youth. 2015 , 25, 2383-94	209
1763	Toward neurobiological characterization of functional homogeneity in the human cortex: regional variation, morphological association and functional covariance network organization. 2015 , 220, 2485-507	92
1762	Gamma Oscillations Underlie the Maintenance of Feature-Specific Information and the Contents of Visual Working Memory. 2015 , 25, 3788-801	82
1761	How can studies of resting-state functional connectivity help us understand psychosis as a disorder of brain development?. 2015 , 30, 85-91	49
1760	Functional Specialization and Flexibility in Human Association Cortex. 2015 , 25, 3654-72	265
1759	Resting-state networks predict individual differences in common and specific aspects of executive function. 2015 , 104, 69-78	137

(2016-2015)

1758	Distracted and down: neural mechanisms of affective interference in subclinical depression. 2015 , 10, 654-63	94
1757	Spatial and temporal functional connectivity changes between resting and attentive states. 2015 , 36, 549-65	40
1756	Cybernetic Big Five Theory. 2015 , 56, 33-58	419
1755	Large-scale brain networks of the human left temporal pole: a functional connectivity MRI study. 2015 , 25, 680-702	121
1754	Node Detection Using High-Dimensional Fuzzy Parcellation Applied to the Insular Cortex. 2016 , 2016, 1938292	9
1753	Cortico-Cortical Connections of Primary Sensory Areas and Associated Symptoms in Migraine. 2016 , 3,	28
1752	On the Neuroanatomy and Functional Role of the Inferior Parietal Lobule and Intraparietal Sulcus. 2016 , 35-47	8
1751	Attention and Impulsivity. 2016 , 1-56	5
1750	Development of the Brain Functional Network Architecture. 2016 , 399-406	O
1749	Two Distinct Scene-Processing Networks Connecting Vision and Memory. 2016 , 3,	66
1748	A hierarchy of timescales explains distinct effects of local inhibition of primary visual cortex and frontal eye fields. 2016 , 5,	65
1747	Fundamentals of Functional Neuroimaging. 41-73	3
1746	Exercise-Related Changes of Networks in Aging and Mild Cognitive Impairment Brain. 2016, 8, 47	47
1745	From Structure to Circuits: The Contribution of MEG Connectivity Studies to Functional Neurosurgery. 2016 , 10, 67	13
1744	Changed Hub and Corresponding Functional Connectivity of Subgenual Anterior Cingulate Cortex in Major Depressive Disorder. 2016 , 10, 120	56
1743	Network-Based Analysis Reveals Functional Connectivity Related to Internet Addiction Tendency. 2016 , 10, 6	10
1742	Lateral-Medial Dissociation in Orbitofrontal Cortex-Hypothalamus Connectivity. 2016 , 10, 244	27
1741	Graph-Theoretical Study of Functional Changes Associated with the Iowa Gambling Task. 2016 , 10, 314	6

1740	Aberrant Functional Connectivity between the Amygdala and the Temporal Pole in Drug-Free Generalized Anxiety Disorder. 2016 , 10, 549	28
1739	A Supervoxel-Based Method for Groupwise Whole Brain Parcellation with Resting-State fMRI Data. 2016 , 10, 659	13
1738	Mobile Device Applications for the Visualization of Functional Connectivity Networks and EEG Electrodes: iBraiN and iBraiNEEG. 2016 , 10, 40	5
1737	A Symmetry-Based Method to Infer Structural Brain Networks from Probabilistic Tractography Data. 2016 , 10, 46	3
1736	A Parcellation Based Nonparametric Algorithm for Independent Component Analysis with Application to fMRI Data. 2016 , 10, 15	1
1735	Mixed Effects Models for Resampled Network Statistics Improves Statistical Power to Find Differences in Multi-Subject Functional Connectivity. 2016 , 10, 108	12
1734	Cerebellar Functional Parcellation Using Sparse Dictionary Learning Clustering. 2016 , 10, 188	12
1733	Exploring Patterns of Alteration in Alzheimer's Disease Brain Networks: A Combined Structural and Functional Connectomics Analysis. 2016 , 10, 380	24
1732	Altered Brain Connectivity in Early Postmenopausal Women with Subjective Cognitive Impairment. 2016 , 10, 433	25
1731	Spontaneous Neural Dynamics and Multi-scale Network Organization. 2016 , 10, 7	43
1730	Brain Plasticity in Blind Subjects Centralizes Beyond the Modal Cortices. 2016 , 10, 61	16
1729	Cortico-Striatal-Thalamic Loop Circuits of the Salience Network: A Central Pathway in Psychiatric Disease and Treatment. 2016 , 10, 104	228
1728	Decoding Spontaneous Emotional States in the Human Brain. 2016 , 14, e2000106	87
1727	Gradient Index Microlens Implanted in Prefrontal Cortex of Mouse Does Not Affect Behavioral Test Performance over Time. 2016 , 11, e0146533	15
1726	Let's Not Waste Time: Using Temporal Information in Clustered Activity Estimation with Spatial	2
	Adjacency Restrictions (CAESAR) for Parcellating FMRI Data. 2016 , 11, e0164703	2
1725	Adjacency Restrictions (CAESAR) for Parcellating FMRI Data. 2016 , 11, e0164703 Mindfulness-Based Cognitive Therapy and the Adult ADHD Brain: A Neuropsychotherapeutic Perspective. 2016 , 7, 117	16
1725 1724	Adjacency Restrictions (CAESAR) for Parcellating FMRI Data. 2016 , 11, e0164703 Mindfulness-Based Cognitive Therapy and the Adult ADHD Brain: A Neuropsychotherapeutic	

(2016-2016)

1722	Cognitive benavioral training reverses the errect or pain exposure on brain network activity. 2016 , 157, 1895-1904	24
1721	Disrupted Intrinsic Local Synchronization in Poststroke Aphasia. 2016 , 95, e3101	16
1720	Presurgical Mapping of the Language Network Using Resting-state Functional Connectivity. 2016 , 25, 19-24	11
1719	Dynamic Multiscale Modes of Resting State Brain Activity Detected by Entropy Field Decomposition. 2016 , 28, 1769-811	9
1718	Realistic models of apparent dynamic changes in resting-state connectivity in somatosensory cortex. 2016 , 37, 3897-3910	11
1717	Reduced Default Mode Connectivity in Adolescents With Conduct Disorder. 2016 , 55, 800-808.e1	27
1716	A surface-based technique for mapping homotopic interhemispheric connectivity: Development, characterization, and clinical application. 2016 , 37, 2849-68	10
1715	Perceived communicative intent in gesture and language modulates the superior temporal sulcus. 2016 , 37, 3444-61	23
1714	Signal or noise: brain network interactions underlying the experience and training of mindfulness. 2016 , 1369, 240-56	26
1713	Dynamic functional network connectivity reveals unique and overlapping profiles of insula subdivisions. 2016 , 37, 1770-87	103
1712	Common modulation of limbic network activation underlies musical emotions as they unfold. 2016 , 141, 517-529	12
1711	The neural basis of improved cognitive performance by threat of shock. 2016 , 11, 1677-1686	19
1710	Concurrency in electrical neuroinformatics: parallel computation for studying the volume conduction of brain electrical fields in human head tissues. 2016 , 28, 2213-2236	7
1709	Resting state connectivity of the medial prefrontal cortex covaries with individual differences in high-frequency heart rate variability. 2016 , 53, 444-54	65
1708	Dopamine D1 signaling organizes network dynamics underlying working memory. 2016 , 2, e1501672	41
1707	Use of Network Analysis to Establish Neurosurgical Parameters in Gliomas and Epilepsy. 2016 , 56, 158-69	7
1706	Neural reuse leads to associative connections between concrete (physical) and abstract (social) concepts and motives. 2016 , 39, e134	

1704	Impairment in subcortical suppression in schizophrenia: Evidence from the fBIRN Oddball Task. 2016 , 37, 4640-4653	5
1703	Decreased cerebellar-cerebral connectivity contributes to complex task performance. <i>Journal of Neurophysiology</i> , 2016 , 116, 1434-48	1
1702	Longitudinal Study of Impaired Intra- and Inter-Network Brain Connectivity in Subjects at High Risk for Alzheimer's Disease. 2016 , 52, 913-27	35
1701	Beyond disjoint brain networks: Overlapping networks for cognition and emotion. 2016 , 39, e129	9
1700	PrEis of After Phrenology: Neural Reuse and the Interactive Brain. 2016 , 39, e120	54
1699	Optimally controlling the human connectome: the role of network topology. 2016 , 6, 30770	131
1698	Affect-Language Interactions in Native and Non-Native English Speakers. 2016,	11
1697	Functional Topography of the Human Cerebellum. 2016 , 373-381	2
1696	Spatiotemporal Dynamics of Attention Networks Revealed by Representational Similarity Analysis of EEG and fMRI. 2018 , 28, 549-560	11
1695	Human Brainnetome Atlas and Its Potential Applications in Brain-Inspired Computing. 2016, 1-14	4
1694	Modular structure of brain functional networks: breaking the resolution limit by Surprise. 2016 , 6, 19250	47
1693	Novel response patterns during repeated presentation of affective and neutral stimuli. 2016 , 11, 1919-1932	5
1692	Aberrant intrinsic functional connectivity within and between corticostriatal and temporal-parietal networks in adults and youth with bipolar disorder. 2016 , 46, 1509-22	32
1691	Organization of cortico-cortical pathways supporting memory retrieval across subregions of the left ventrolateral prefrontal cortex. <i>Journal of Neurophysiology</i> , 2016 , 116, 920-37	14
1690	Brain connectivity and neurological disorders after stroke. 2016 , 29, 706-713	56
1689	Error probability analysis for LDA-Bayesian based classification of Alzheimer's disease and normal control subjects. 2016 ,	
1688	The Organization of Mouse and Human Cortico-Hippocampal Networks Estimated by Intrinsic Functional Connectivity. 2016 , 26, 4497-4512	48
1687	Disrupted functional connectivity affects resting state based language lateralization. 2016 , 12, 910-927	9

1686	Multisensory integration substantiates distributed and overlapping neural networks. 2016, 39, e127	2
1685	Connectivity-based parcellation increases network detection sensitivity in resting state fMRI: An investigation into the cingulate cortex in autism. 2016 , 11, 494-507	37
1684	Left inferior parietal lobe engagement in social cognition and language. 2016 , 68, 319-334	90
1683	Exploring the role of the posterior middle temporal gyrus in semantic cognition: Integration of anterior temporal lobe with executive processes. 2016 , 137, 165-177	179
1682	Dissociated functional connectivity profiles for motor and attention deficits in acute right-hemisphere stroke. 2016 , 139, 2024-38	54
1681	Reconfiguration of Intrinsic Functional Coupling Patterns Following Circumscribed Network Lesions. 2017 , 27, 2894-2910	15
1680	Traumatic Brain Injury as a Disorder of Brain Connectivity. 2016 , 22, 120-37	116
1679	Causality in Philosophy; Philosophy in Psychology. 2016 , 71-91	
1678	Measuring Cortical Connectivity in Alzheimer's Disease as a Brain Neural Network Pathology: Toward Clinical Applications. 2016 , 22, 138-63	71
1677	Introduction to JINS Special Issue on Human Brain Connectivity in the Modern Era: Relevance to Understanding Health and Disease. 2016 , 22, 101-4	2
1676	From regions to connections and networks: new bridges between brain and behavior. 2016 , 40, 1-7	145
1675	SPARK: Sparsity-based analysis of reliable k-hubness and overlapping network structure in brain functional connectivity. 2016 , 134, 434-449	6
1674	Task-free MRI predicts individual differences in brain activity during task performance. 2016 , 352, 216-20	432
1673	Durably reducing transphobia: A field experiment on door-to-door canvassing. 2016 , 352, 220-4	265
1672	Aberrant Spontaneous and Task-Dependent Functional Connections in the Anxious Brain. 2016 , 1, 278-287	20
1671	Brain connectivity in normally developing children and adolescents. 2016 , 134, 192-203	50
1670	Understanding the minds of others: A neuroimaging meta-analysis. 2016 , 65, 276-91	245
1669	A Model of Representational Spaces in Human Cortex. 2016 , 26, 2919-2934	119

1668	Functional Connectivity Between the Temporoparietal Cortex and Cerebellum in Autism Spectrum Disorder. 2017 , 27, 2617-2627	37
1667	Growth Charting of Brain Connectivity Networks and the Identification of Attention Impairment in Youth. 2016 , 73, 481-9	71
1666	The Disconnected Brain and Executive Function Decline in Aging. 2017, 27, 2303-2317	83
1665	Stimulating the Semantic Network: What Can TMS Tell Us about the Roles of the Posterior Middle Temporal Gyrus and Angular Gyrus?. 2016 , 36, 4405-7	18
1664	Network-Level Structure-Function Relationships in Human Neocortex. 2016 , 26, 3285-96	164
1663	The Simpson's paradox and fMRI: Similarities and differences between functional connectivity measures derived from within-subject and across-subject correlations. 2016 , 135, 1-15	18
1662	Disrupted Working Memory Circuitry in Schizophrenia: Disentangling fMRI Markers of Core Pathology vs Other Aspects of Impaired Performance. 2016 , 41, 2411-20	29
1661	Lower Parietal Encoding Activation Is Associated with Sharper Information and Better Memory. 2017 , 27, 2486-2499	20
1660	Mapping dynamical properties of cortical microcircuits using robotized TMS and EEG: Towards functional cytoarchitectonics. 2016 , 135, 115-24	26
1659	Enhanced resting-state functional connectivity between core memory-task activation peaks is associated with memory impairment in MCI. 2016 , 45, 43-49	23
1658	Intrinsic functional connectivity predicts individual differences in distractibility. 2016 , 86, 176-82	39
1657	Reinforcement learning in a bio-connectionist model based in the thalamo-cortical neural circuit. 2016 , 16, 45-63	1
1656	Decoding the Nature of Emotion in the Brain. 2016 , 20, 444-455	169
1655	Overlapping communities reveal rich structure in large-scale brain networks during rest and task conditions. 2016 , 135, 92-106	56
1654	Building a Science of Individual Differences from fMRI. 2016 , 20, 425-443	375
1653	Attentional processes in posttraumatic stress disorder and the associated changes in neural functioning. 2016 , 284, 153-167	29
1652	How the Human Brain Represents Perceived Dangerousness or "Predacity" of Animals. 2016 , 36, 5373-84	36
1651	Group-wise parcellation of the cortex through multi-scale spectral clustering. 2016 , 136, 68-83	31

1650	On the Stability of BOLD fMRI Correlations. 2017 , 27, 4719-4732	274
1649	Large-Scale Brain Systems and Neuropsychological Testing. 2016 ,	3
1648	Repetitive transcranial magnetic stimulation for treatment resistant depression: Re-establishing connections. 2016 , 127, 3394-3405	37
1647	Episodic specificity induction impacts activity in a core brain network during construction of imagined future experiences. 2016 , 113, 10696-701	49
1646	Graph coarse-graining reveals differences in the module-level structure of functional brain networks. 2016 , 44, 2673-2684	8
1645	References. 2016 , 433-472	
1644	Heterogeneity of trans-callosal structural connectivity and effects on resting state subnetwork integrity may underlie both wanted and unwanted effects of therapeutic corpus callostomy. 2016 , 12, 341-7	6
1643	The Large-Scale Organization of Object-Responsive Cortex Is Reflected in Resting-State Network Architecture. 2017 , 27, 4933-4945	13
1642	NEUROIMŒENES EN DEMENCIAS. 2016 , 27, 338-356	1
1641	Assessing Variations in Areal Organization for the Intrinsic Brain: From Fingerprints to Reliability. 2016 , 26, 4192-4211	60
1640	Graph Theoretic Analysis of Human Brain Networks. 2016 , 283-314	9
1639	fMRI in Neurodegenerative Diseases: From Scientific Insights to Clinical Applications. 2016 , 699-739	4
1638	State-dependent variability of dynamic functional connectivity between frontoparietal and default networks relates to cognitive flexibility. 2016 , 339, 12-21	77
1637	Predicting individual scores from resting state fMRI using partial least squares regression. 2016,	1
1636	Partitioning heritability analysis reveals a shared genetic basis of brain anatomy and schizophrenia. 2016 , 21, 1680-1689	47
1635	Bayesian model reveals latent atrophy factors with dissociable cognitive trajectories in Alzheimer's disease. 2016 , 113, E6535-E6544	95
1634	Impact of Visual Corticostriatal Loop Disruption on Neural Processing within the Parahippocampal Place Area. 2016 , 36, 10456-10471	5
1633	An individual differences analysis of the neurocognitive architecture of the semantic system at rest. 2016 , 109, 112-123	9

1632	Activity flow over resting-state networks shapes cognitive task activations. 2016 , 19, 1718-1726	231
1631	Global and Regional Features. 2016 , 75-114	1
1630	Interest Point Detector and Feature Descriptor Survey. 2016 , 187-246	14
1629	Abnormal resting-state functional connectivity study in unilateral pulsatile tinnitus patients with single etiology: A seed-based functional connectivity study. 2016 , 85, 2023-2029	18
1628	Unwanted reminders: The effects of emotional memory suppression on subsequent neuro-cognitive processing. 2016 , 44, 103-113	7
1627	Comorbid anxiety increases cognitive control activation in Major Depressive Disorder. 2016 , 33, 967-977	23
1626	A systematic review and meta-analysis of tract-based spatial statistics studies regarding attention-deficit/hyperactivity disorder. 2016 , 68, 838-847	65
1625	Nodes and Edges. 2016 , 37-88	
1624	The contributions of resting state and task-based functional connectivity studies to our understanding of adolescent brain network maturation. 2016 , 70, 13-32	62
1623	Sex differences in brain and behavior in adolescence: Findings from the Philadelphia Neurodevelopmental Cohort. 2016 , 70, 159-170	120
1622	Functional dissociation between anterior temporal lobe and inferior frontal gyrus in the processing of dynamic body expressions: Insights from behavioral variant frontotemporal dementia. 2016 , 37, 4472-4486	23
1621	Catecholaminergic Neuromodulation Shapes Intrinsic MRI Functional Connectivity in the Human Brain. 2016 , 36, 7865-76	52
1620	Reliability and reproducibility of individual differences in functional connectivity acquired during task and resting state. 2016 , 6, e00456	85
1619	Fronto-cerebellar dysfunction and dysconnectivity underlying cognition in friedreich ataxia: The IMAGE-FRDA study. 2016 , 37, 338-50	33
1618	Dyslexic brain activation abnormalities in deep and shallow orthographies: A meta-analysis of 28 functional neuroimaging studies. 2016 , 37, 2676-99	69
1617	Spatial patterns of atrophy, hypometabolism, and amyloid deposition in Alzheimer's disease correspond to dissociable functional brain networks. 2016 , 37, 35-53	83
1616	Cortical localization of phase and amplitude dynamics predicting access to somatosensory awareness. 2016 , 37, 311-26	19

1614	Different interaction modes for the default mode network revealed by resting state functional magnetic resonance imaging. 2016 , 43, 78-88	7
1613	Modulating Reward Induces Differential Neurocognitive Approaches to Sustained Attention. 2017 , 27, 4022-4032	22
1612	Scientific intuitions about the mind are wrong, misled by consciousness. 2016 , 39, e128	1
1611	The Human Connectome Project's neuroimaging approach. 2016 , 19, 1175-87	482
1610	How networks communicate: propagation patterns in spontaneous brain activity. 2016 , 371,	80
1609	A registration problem for functional fingerprinting. 2016 , 39, e124	
1608	Attenuated anticorrelation between the default and dorsal attention networks with aging: evidence from task and rest. 2016 , 45, 149-160	122
1607	Left posterior-dorsal area 44 couples with parietal areas to promote speech fluency, while right area 44 activity promotes the stopping of motor responses. 2016 , 142, 628-644	38
1606	Stimulus-Driven Reorienting Impairs Executive Control of Attention: Evidence for a Common Bottleneck in Anterior Insula. 2016 , 26, 4136-4147	26
1605	Becoming an expert: Ontogeny of expertise as an example of neural reuse. 2016 , 39, e123	4
1605 1604	Spontaneous evelid closures link vigilance fluctuation with fMRI dynamic connectivity states 2016	144
1604	Spontaneous eyelid closures link vigilance fluctuation with fMRI dynamic connectivity states. 2016 ,	
1604 1603	Spontaneous eyelid closures link vigilance fluctuation with fMRI dynamic connectivity states. 2016 , 113, 9653-8 The neurobiology of self-generated thought from cells to systems: Integrating evidence from lesion studies, human intracranial electrophysiology, neurochemistry, and neuroendocrinology.	144
1604 1603	Spontaneous eyelid closures link vigilance fluctuation with fMRI dynamic connectivity states. 2016, 113, 9653-8 The neurobiology of self-generated thought from cells to systems: Integrating evidence from lesion studies, human intracranial electrophysiology, neurochemistry, and neuroendocrinology. 2016, 335, 134-50 Higher Intelligence Is Associated with Less Task-Related Brain Network Reconfiguration. 2016, 36, 8551-61	144
1604 1603 1602	Spontaneous eyelid closures link vigilance fluctuation with fMRI dynamic connectivity states. 2016, 113, 9653-8 The neurobiology of self-generated thought from cells to systems: Integrating evidence from lesion studies, human intracranial electrophysiology, neurochemistry, and neuroendocrinology. 2016, 335, 134-50 Higher Intelligence Is Associated with Less Task-Related Brain Network Reconfiguration. 2016, 36, 8551-61 Computational mapping of brain networks. 2016,	144
1604 1603 1602	Spontaneous eyelid closures link vigilance fluctuation with fMRI dynamic connectivity states. 2016, 113, 9653-8 The neurobiology of self-generated thought from cells to systems: Integrating evidence from lesion studies, human intracranial electrophysiology, neurochemistry, and neuroendocrinology. 2016, 335, 134-50 Higher Intelligence Is Associated with Less Task-Related Brain Network Reconfiguration. 2016, 36, 8551-61 Computational mapping of brain networks. 2016, Differential Effects of APOE Genotypes on the Anterior and Posterior Subnetworks of Default	144 17 133
1604 1603 1602 1601	Spontaneous eyelid closures link vigilance fluctuation with fMRI dynamic connectivity states. 2016, 113, 9653-8 The neurobiology of self-generated thought from cells to systems: Integrating evidence from lesion studies, human intracranial electrophysiology, neurochemistry, and neuroendocrinology. 2016, 335, 134-50 Higher Intelligence Is Associated with Less Task-Related Brain Network Reconfiguration. 2016, 36, 8551-61 Computational mapping of brain networks. 2016, Differential Effects of APOE Genotypes on the Anterior and Posterior Subnetworks of Default Mode Network in Amnestic Mild Cognitive Impairment. 2016, 54, 1409-1423 Brain mechanisms associated with internally directed attention and self-generated thought. 2016,	144 17 133

1596	Multivariate Brain Prediction of Heart Rate and Skin Conductance Responses to Social Threat. 2016 , 36, 11987-11998	55
1595	Changes in Neural Connectivity and Memory Following a Yoga Intervention for Older Adults: A Pilot Study. 2016 , 52, 673-84	60
1594	Does Therapeutic Repetitive Transcranial Magnetic Stimulation Cause Cognitive Enhancing Effects in Patients with Neuropsychiatric Conditions? A Systematic Review and Meta-Analysis of Randomised Controlled Trials. 2016 , 26, 295-309	35
1593	A method for safely resecting anterior butterfly gliomas: the surgical anatomy of the default mode network and the relevance of its preservation. 2017 , 126, 1795-1811	40
1592	Local Feature Design Concepts. 2016 , 115-166	
1591	Feature Learning Architecture Taxonomy and Neuroscience Background. 2016 , 319-374	1
1590	Cortical thickness in frontoparietal and cingulo-opercular networks predicts executive function performance in older adults. 2016 , 30, 322-31	25
1589	Mind-wandering as spontaneous thought: a dynamic framework. 2016, 17, 718-731	543
1588	Feature Learning and Deep Learning Architecture Survey. 2016 , 375-514	11
1587	On the properties of the intensity-curvature measurement approaches: the signal resilient to interpolation and the resilient curvature. 2016 , 7, 91	2
1586	The Feasibility of Using Metacognitive Strategy Training to Improve Cognitive Performance and Neural Connectivity in Women with Chemotherapy-Induced Cognitive Impairment. 2016 , 91, 143-52	14
1585	Resting-state networks in 6-to-10 year old children. 2016 , 37, 4286-4300	37
1584	Distinct Subtypes of Behavioral Variant Frontotemporal Dementia Based on Patterns of Network Degeneration. 2016 , 73, 1078-88	86
1583	A multi-modal parcellation of human cerebral cortex. 2016 , 536, 171-178	2046
1582	Cerebellar contributions to motor control and language comprehension: searching for common computational principles. 2016 , 1369, 154-71	53
1581	Neuroimaging Advances in Alzheimer's Disease. 2016 , 263-282	O
1580	Polypharmacy in Attention-Deficit/Hyperactivity Disorder: More Than the Sum of Its Parts?. 2016 , 55, 641-2	1
1579	Dynamic network interactions supporting internally-oriented cognition. 2016 , 40, 86-93	96

1578	Network Structure among Brain Systems in Adult ADHD is Uniquely Modified by Stimulant Administration. 2017 , 27, 3970-3979	10
1577	Asynchronous Development of Cerebellar, Cerebello-Cortical, and Cortico-Cortical Functional Networks in Infancy, Childhood, and Adulthood. 2017 , 27, 5170-5184	12
1576	Cortical networks involved in visual awareness independent of visual attention. 2016 , 113, 13923-13928	30
1575	Spontaneous default network activity reflects behavioral variability independent of mind-wandering. 2016 , 113, 13899-13904	73
1574	Altered gray matter organization in children and adolescents with ADHD: a structural covariance connectome study. 2016 , 6, e947	16
1573	Frontoparietal Functional Connectivity in the Common Marmoset. 2017 , 27, 3890-3905	52
1572	Prediction of long-term memory scores in MCI based on resting-state fMRI. 2016 , 12, 785-795	31
1571	A human brain network derived from coma-causing brainstem lesions. 2016 , 87, 2427-2434	118
1570	Hippocampal Mismatch Signals Are Modulated by the Strength of Neural Predictions and Their Similarity to Outcomes. 2016 , 36, 12677-12687	36
1569	Situating the default-mode network along a principal gradient of macroscale cortical organization. 2016 , 113, 12574-12579	706
1568	Evidence for Two Independent Factors that Modify Brain Networks to Meet Task Goals. 2016 , 17, 1276-1288	74
1567	Functional brain networks related to individual differences in human intelligence at rest. 2016 , 6, 32328	102
1566	Brain Network Theory Can Predict Whether Neuropsychological Outcomes Will Differ from Clinical Expectations. 2017 , 32, 40-52	7
1565	Personality Neuroscience and the Five Factor Model. 2016,	17
1565 1564		17 6
	Personality Neuroscience and the Five Factor Model. 2016 ,	
1564	Personality Neuroscience and the Five Factor Model. 2016 , Arm crossing updates brain functional connectivity of the left posterior parietal cortex. 2016 , 6, 28105 Reason for optimism: How a shifting focus on neural population codes is moving cognitive	

1560	Why a developmental perspective is critical for understanding human cognition. 2016, 39, e122	9
1559	Reorganization of functionally connected brain subnetworks in high-functioning autism. 2016 , 37, 1066-79	67
1558	Inferring Individual-Level Variations in the Functional Parcellation of the Cerebral Cortex. 2016 , 63, 2505-251	7 1
1557	Cerebral blood flow modulation insufficiency in brain networks in multiple sclerosis: A hypercapnia MRI study. 2016 , 36, 2087-2095	27
1556	Consensus paper of the WFSBP Task Force on Biological Markers: Criteria for biomarkers and endophenotypes of schizophrenia part II: Cognition, neuroimaging and genetics. 2016 , 17, 406-28	23
1555	Disconnecting Consciousness: Is There a Common Anesthetic End Point?. 2016 , 123, 1228-1240	74
1554	Negative functional coupling between the right fronto-parietal and limbic resting state networks predicts increased self-control and later substance use onset in adolescence. 2016 , 20, 35-42	18
1553	. 2016,	5
1552	The application of a mathematical model linking structural and functional connectomes in severe brain injury. 2016 , 11, 635-647	26
1551	Elevated Amygdala Perfusion Mediates Developmental Sex Differences in Trait Anxiety. 2016 , 80, 775-785	67
1550	It's a matter of time: Reframing the development of cognitive control as a modification of the brain's temporal dynamics. 2016 , 18, 70-77	33
1549	Language at rest: A longitudinal study of intrinsic functional connectivity in preterm children. 2016 , 11, 149-157	7
1548	Large-Scale Hypoconnectivity Between Resting-State Functional Networks in Unmedicated Adolescent Major Depressive Disorder. 2016 , 41, 2951-2960	45
1547	Broadband Electrophysiological Dynamics Contribute to Global Resting-State fMRI Signal. 2016 , 36, 6030-40	66
1546	Functional Evidence for a Cerebellar Node of the Dorsal Attention Network. 2016 , 36, 6083-96	83
1545	Reconstructing Perceived and Retrieved Faces from Activity Patterns in Lateral Parietal Cortex. 2016 , 36, 6069-82	42
1544	Automatic cortical surface reconstruction of high-resolution T1 echo planar imaging data. 2016 , 134, 338-354	43
1543	Neuro-Cognitive Intervention for Working Memory: Preliminary Results and Future Directions. 2016 , 5, 202-13	4

(2016-2016)

1542	Menstrual Cycle and Hormonal Contraceptive-Dependent Changes in Intrinsic Connectivity of Resting-State Brain Networks Correspond to Behavioral Changes Due to Hormonal Status. 2016 , 6, 572-85	21
1541	Relationships Between Impulsivity, Anxiety, and Risk-Taking and the Neural Correlates of Attention in Adolescents. 2016 , 41, 38-58	4
1540	Measuring Large-Scale Synchronization with Human MEG and EEG: Challenges and Solutions. 2016 , 1-18	5
1539	Auditory Hallucinations and the Brain's Resting-State Networks: Findings and Methodological Observations. 2016 , 42, 1110-23	81
1538	Incremental learning of perceptual and conceptual representations and the puzzle of neural repetition suppression. 2016 , 23, 1055-71	15
1537	Mind-Wandering With and Without Intention. 2016 , 20, 605-617	197
1536	MarsAtlas: A cortical parcellation atlas for functional mapping. 2016 , 37, 1573-92	35
1535	Intensity-based masking: A tool to improve functional connectivity results of resting-state fMRI. 2016 , 37, 2407-18	18
1534	LSD-induced entropic brain activity predicts subsequent personality change. 2016 , 37, 3203-13	163
1533	Scalable Semisupervised Functional Neurocartography Reveals Canonical Neurons in Behavioral Networks. 2016 , 28, 1453-97	12
1532	Longitudinal functional connectivity changes correlate with mood improvement after regular exercise in a dose-dependent fashion. 2016 , 43, 1089-96	30
1531	Disruption of structural covariance networks for language in autism is modulated by verbal ability. 2016 , 221, 1017-32	27
1530	Unmasking Language Lateralization in Human Brain Intrinsic Activity. 2016 , 26, 1733-46	35
1529	The Brain Basis of Positive and Negative Affect: Evidence from a Meta-Analysis of the Human Neuroimaging Literature. 2016 , 26, 1910-1922	346
1528	Reward Motivation Enhances Task Coding in Frontoparietal Cortex. 2016 , 26, 1647-59	72
1527	Generation and Evaluation of a Cortical Area Parcellation from Resting-State Correlations. 2016 , 26, 288-303	697
1526	Brain Events Underlying Episodic Memory Changes in Aging: A Longitudinal Investigation of Structural and Functional Connectivity. 2016 , 26, 1272-1286	67
1525	Functional connectivity based parcellation of the human medial temporal lobe. 2016 , 134 Pt A, 123-134	38

1524	Human brain networks function in connectome-specific harmonic waves. 2016 , 7, 10340	156
1523	Cognition and neuropsychiatry in behavioral variant frontotemporal dementia by disease stage. 2016 , 86, 600-10	58
1522	Altered functional connectivity density in high myopia. 2016 , 303, 85-92	22
1521	An integrated framework for targeting functional networks via transcranial magnetic stimulation. 2016 , 127, 86-96	60
1520	Altered balance of functional brain networks in Schizophrenia. 2016 , 248, 94-104	15
1519	Statistical Atlases and Computational Models of the Heart. Imaging and Modelling Challenges. 2016 ,	3
1518	Default network activation during episodic and semantic memory retrieval: A selective meta-analytic comparison. 2016 , 80, 35-46	57
1517	The Neural Crossroads of Psychiatric Illness: An Emerging Target for Brain Stimulation. 2016 , 20, 107-120	92
1516	Dynamic Resting-State Functional Connectivity in Major Depression. 2016 , 41, 1822-30	209
1515	Clinical Resting-state fMRI in the Preoperative Setting: Are We Ready for Prime Time?. 2016, 25, 11-8	46
1514	Multimodal description of whole brain connectivity: A comparison of resting state MEG, fMRI, and DWI. 2016 , 37, 20-34	44
1513	Reduced functional segregation between the default mode network and the executive control network in healthy older adults: A longitudinal study. 2016 , 133, 321-330	116
1512	Intrinsic Functional Connectivity in Attention-Deficit/Hyperactivity Disorder: A Science in Development. 2016 , 1, 253-261	86
1511	Dynamic fluctuations coincide with periods of high and low modularity in resting-state functional brain networks. 2016 , 127, 287-297	170
1510	Trait lasting alteration of the brain default mode network in experienced meditators and the experiential selfhood. 2016 , 15, 381-393	15
1509	Network-selective vulnerability of the human cerebellum to Alzheimer's disease and frontotemporal dementia. 2016 , 139, 1527-38	119
1508	Dynamic Brain Network Correlates of Spontaneous Fluctuations in Attention. 2017 , 27, 1831-1840	100
1507	Spin-Echo Resting-State Functional Connectivity in High-Susceptibility Regions: Accuracy, Reliability, and the Impact of Physiological Noise. 2016 , 6, 283-97	15

(2016-2016)

1506	Conflicting demands of abstract and specific visual object processing resolved by frontoparietal networks. 2016 , 16, 502-15	3
1505	Genetic and Environmental Contributions to Functional Connectivity Architecture of the Human Brain. 2016 , 26, 2341-2352	70
1504	Adaptive Engagement of Cognitive Control in Context-Dependent Decision Making. 2017 , 27, 1270-1284	22
1503	Computer-based magnetic resonance imaging as a tool in clinical diagnosis in neurodegenerative diseases. 2016 , 16, 295-306	15
1502	Dynamic construction of the neural networks underpinning empathy for pain. 2016 , 63, 191-206	45
1501	Anterior hippocampus: the anatomy of perception, imagination and episodic memory. 2016 , 17, 173-82	252
1500	Characterising resting-state functional connectivity in a large sample of adults with ADHD. 2016 , 67, 82-91	37
1499	The Right Dorsal Premotor Mosaic: Organization, Functions, and Connectivity. 2017 , 27, 2095-2110	52
1498	Intrinsic functional network architecture of human semantic processing: Modules and hubs. 2016 , 132, 542-555	70
1497	The association between cerebrovascular reactivity and resting-state fMRI functional connectivity in healthy adults: The influence of basal carbon dioxide. 2016 , 132, 301-313	31
1496	The Clinical Applicability of Functional Connectivity in Depression: Pathways Toward More Targeted Intervention. 2016 , 1, 262-270	26
1495	Age differences in the functional interactions among the default, frontoparietal control, and dorsal attention networks. 2016 , 41, 159-172	148
1494	Brain activity underlying tool-related and imitative skills after major left hemisphere stroke. 2016 , 139, 1497-516	29
1493	Acceptance of evidence-supported hypotheses generates a stronger signal from an underlying functionally-connected network. 2016 , 127, 215-226	4
1492	Timing of Cortical Events Preceding Voluntary Movement. 2016 , 28, 286-304	3
1491	Modulation of Frontoparietal Neurovascular Dynamics in Working Memory. 2016 , 28, 379-401	8
1490	Brain structure-function associations identified in large-scale neuroimaging data. 2016 , 221, 4459-4474	7
1489	Auditory Spatial Coding Flexibly Recruits Anterior, but Not Posterior, Visuotopic Parietal Cortex. 2016 , 26, 1302-1308	26

1488	Transcriptional profiles of supragranular-enriched genes associate with corticocortical network architecture in the human brain. 2016 , 113, E469-78	136
1487	Metabolic connectivity mapping reveals effective connectivity in the resting human brain. 2016 , 113, 428-33	59
1486	Directional Clustering Through Matrix Factorization. 2016 , 27, 2095-107	9
1485	Intensive Working Memory Training Produces Functional Changes in Large-scale Frontoparietal Networks. 2016 , 28, 575-88	63
1484	Functional connectivity change as shared signal dynamics. 2016 , 259, 22-39	36
1483	Localizing Pain Matrix and Theory of Mind networks with both verbal and non-verbal stimuli. 2016 , 126, 39-48	49
1482	Nice or nerdy? The neural representation of social and competence traits. 2016 , 11, 567-78	12
1481	The neural representation of typical and atypical experiences of negative images: comparing fear, disgust and morbid fascination. 2016 , 11, 11-22	51
1480	Advanced MRI techniques to improve our understanding of experience-induced neuroplasticity. 2016 , 131, 55-72	67
1479	The person within: memory codes for persons and traits using fMRI repetition suppression. 2016 , 11, 159-71	30
1478	Modular Brain Networks. 2016 , 67, 613-40	647
1477	Stable Overlapping Replicator Dynamics for Brain Community Detection. 2016 , 35, 529-38	5
1476	Altered resting-state functional connectivity in late-life depression: A cross-sectional study. 2016 , 189, 126-33	30
1475	Combining task-evoked and spontaneous activity to improve pre-operative brain mapping with fMRI. 2016 , 124, 714-723	21
1474	Dimensional depression severity in women with major depression and post-traumatic stress disorder correlates with fronto-amygdalar hypoconnectivty. 2016 , 21, 894-902	55
1473	Functional connectivity between the cerebrum and cerebellum in social cognition: A multi-study analysis. 2016 , 124, 248-255	89
1472	A human brain atlas derived via n-cut parcellation of resting-state and task-based fMRI data. 2016 , 34, 209-18	17
1471	Long-term meditation training induced changes in the operational synchrony of default mode network modules during a resting state. 2016 , 17, 27-37	32

(2016-2016)

1470	Altered functional interaction hub between affective network and cognitive control network in patients with major depressive disorder. 2016 , 298, 301-9	61
1469	Causality Analysis of fMRI Data Based on the Directed Information Theory Framework. 2016 , 63, 1002-1015	4
1468	Altered thalamocortical and intra-thalamic functional connectivity during light sleep compared with wake. 2016 , 125, 657-667	29
1467	ADHD and cannabis use in young adults examined using fMRI of a Go/NoGo task. 2016 , 10, 761-71	26
1466	Identifying Shared Brain Networks in Individuals by Decoupling Functional and Anatomical Variability. 2016 , 26, 4004-14	54
1465	A Dynamic Core Network and Global Efficiency in the Resting Human Brain. 2016 , 26, 4015-33	98
1464	Aging Effects on Whole-Brain Functional Connectivity in Adults Free of Cognitive and Psychiatric Disorders. 2016 , 26, 3851-65	111
1463	Functional Connectivity Patterns of Visual Cortex Reflect its Anatomical Organization. 2016 , 26, 3719-3731	23
1462	Cognitive Control Network Contributions to Memory-Guided Visual Attention. 2016 , 26, 2059-2073	51
1461	Identifying functional subdivisions in the human brain using meta-analytic activation modeling-based parcellation. 2016 , 124, 300-309	16
1460	Brain Network Reconfiguration and Perceptual Decoupling During an Absorptive State of Consciousness. 2016 , 26, 3116-24	36
1459	Default Mode Network Activity Predicts Early Memory Decline in Healthy Young Adults Aged 18-31. 2016 , 26, 3379-89	11
1458	Arbitration between Action Strategies in Obsessive-Compulsive Disorder. 2016 , 22, 188-98	32
1457	Regional Homogeneity: A Multimodal, Multiscale Neuroimaging Marker of the Human Connectome. 2016 , 22, 486-505	144
1456	Testing a dual-systems model of adolescent brain development using resting-state connectivity analyses. 2016 , 124, 409-420	87
1455	Functional topography of the thalamocortical system in human. 2016 , 221, 1971-84	75
1454	Co-Activation-Based Parcellation of the Lateral Prefrontal Cortex Delineates the Inferior Frontal Junction Area. 2016 , 26, 2225-2241	39
1453	The Behavioral Relevance of Task Information in Human Prefrontal Cortex. 2016 , 26, 2497-505	43

1452	Neural foundation of human moral reasoning: an ALE meta-analysis about the role of personal perspective. 2017 , 11, 278-292	31
1451	Modular Development of Cortical Gray Matter Across Childhood and Adolescence. 2017 , 27, 1125-1136	21
1450	Longitudinal assessment of local and global functional connectivity following sports-related concussion. 2017 , 11, 129-140	36
1449	Cognitive control during sentence generation. 2017 , 8, 39-49	8
1448	Brain network changes and memory decline in aging. 2017 , 11, 859-873	12
1447	Path ensembles and a tradeoff between communication efficiency and resilience in the human connectome. 2017 , 222, 603-618	48
1446	Preparatory Engagement of Cognitive Control Networks Increases Late in Childhood. 2017 , 27, 2139-2153	26
1445	Decoupling of reaction time-related default mode network activity with cognitive demand. 2017 , 11, 666-676	4
1444	Contributions of self-report and performance-based individual differences measures of social cognitive ability to large-scale neural network functioning. 2017 , 11, 685-697	10
1443	Decoupling of large-scale brain networks supports the consolidation of durable episodic memories. 2017 , 153, 336-345	8
1442	Mapping the functional connectome traits of levels of consciousness. 2017 , 148, 201-211	73
1441	Neuroticism and Individual Differences in Neural Function in Unmedicated Major Depression: Findings from the EMBARC Study. 2017 , 2, 138-148	14
1440	Cognitive complaints in older adults at risk for Alzheimer's disease are associated with altered resting-state networks. 2017 , 6, 40-49	36
1439	Multi-scale brain networks. 2017 , 160, 73-83	273
1438	Evolution of brain network dynamics in neurodevelopment. 2017 , 1, 14-30	66
1437	The modular organization of human anatomical brain networks: Accounting for the cost of wiring. 2017 , 1, 42-68	91
1436	Multimodal evaluation of the amygdala's functional connectivity. 2017 , 148, 219-229	37
1435	From connectome to cognition: The search for mechanism in human functional brain networks. 2017 , 160, 124-139	64

(2017-2017)

1434	Dissociated patterns of anti-correlations with dorsal and ventral default-mode networks at rest. 2017 , 38, 2454-2465	29
1433	Statistical power and prediction accuracy in multisite resting-state fMRI connectivity. 2017 , 149, 220-232	43
1432	Optimal trajectories of brain state transitions. 2017 , 148, 305-317	87
1431	Within brain area tractography suggests local modularity using high resolution connectomics. 2017 , 7, 39859	49
1430	Test-retest reliability of functional connectivity networks during naturalistic fMRI paradigms. 2017 , 38, 2226-2241	64
1429	Stimulus-Tuned Structure of Correlated fMRI Activity in Human Visual Cortex. 2018 , 28, 693-712	2
1428	Systemic inflammation and resting state connectivity of the default mode network. 2017 , 62, 162-170	58
1427	Disrupted functional connectivity of striatal sub-regions in Bell's palsy patients. 2017 , 14, 122-129	15
1426	Building better biomarkers: brain models in translational neuroimaging. 2017 , 20, 365-377	484
1425	Characterizing Attention with Predictive Network Models. 2017 , 21, 290-302	77
1424	Stability of Sensory Topographies in Adult Cortex. 2017 , 21, 195-204	70
1423	The contribution of the human posterior parietal cortex to episodic memory. 2017 , 18, 183-192	145
1422	Whole-Brain High-Resolution Structural Connectome: Inter-Subject Validation and Application to the Anatomical Segmentation of the Striatum. 2017 , 30, 291-302	7
1421	Cognitive behavioral therapy increases amygdala connectivity with the cognitive control network in both MDD and PTSD. 2017 , 14, 464-470	54
1420	Longitudinal Dynamics of 3-Dimensional Components of Selfhood After Severe Traumatic Brain Injury: A qEEG Case Study. 2017 , 48, 327-337	10
1419	Degradation of cortical representations during encoding following sleep deprivation. 2017 , 153, 131-138	19
1418	Development of large-scale functional networks from birth to adulthood: A guide to the neuroimaging literature. 2017 , 160, 15-31	193
1417	Metacognitive ability correlates with hippocampal and prefrontal microstructure. 2017 , 149, 415-423	42

1416	Behavioral and neural correlates of disrupted orienting attention in posttraumatic stress disorder. 2017 , 17, 422-436	24
1415	Knowing me, knowing you: Resting-state functional connectivity of ventromedial prefrontal cortex dissociates memory related to self from a familiar other. 2017 , 113, 65-75	5
1414	Abnormal regional activity and functional connectivity in resting-state brain networks associated with etiology confirmed unilateral pulsatile tinnitus in the early stage of disease. 2017 , 346, 55-61	14
1413	Probabilistic conversion of neurosurgical DBS electrode coordinates into MNI space. 2017 , 150, 395-404	79
1412	Neural mechanisms of mismatch negativity dysfunction in schizophrenia. 2017 , 22, 1585-1593	57
1411	Distributed representation of context by intrinsic subnetworks in prefrontal cortex. 2017 , 114, 2030-2035	17
1410	Using connectome-based predictive modeling to predict individual behavior from brain connectivity. 2017 , 12, 506-518	353
1409	Are There Multiple Kinds of Episodic Memory? An fMRI Investigation Comparing Autobiographical and Recognition Memory Tasks. 2017 , 37, 2764-2775	63
1408	Pattern of gray matter volumes related to retinal thickness and its association with cognitive function in relapsing-remitting MS. 2017 , 7, e00614	13
1407	A Network Neuroscience of Human Learning: Potential to Inform Quantitative Theories of Brain and Behavior. 2017 , 21, 250-264	57
1406	Age-Related Differences in the Human Hippocampus: Behavioral, Structural and Functional Measures. 2017 , 167-208	8
1405	Recent theoretical, neural, and clinical advances in sustained attention research. 2017, 1396, 70-91	108
1404	A whole brain atlas with sub-parcellation of cortical gyri using resting fMRI. 2017,	0
1403	Resting-State Network Topology Differentiates Task Signals across the Adult Life Span. 2017 , 37, 2734-2745	41
1402	Control and Connectivity. 2017 , 314-333	
1401	Classic Hallucinogens and Mystical Experiences: Phenomenology and Neural Correlates. 2018 , 36, 393-430	82
1400	What does semantic tiling of the cortex tell us about semantics?. 2017 , 105, 18-38	22
1399	Human orbital and anterior medial prefrontal cortex: Intrinsic connectivity parcellation and functional organization. 2017 , 222, 2941-2960	19

1398	Transient networks of spatio-temporal connectivity map communication pathways in brain functional systems. 2017 , 155, 490-502	37
1397	Multidimensional prediction of treatment response to antidepressants with cognitive control and functional MRI. 2017 , 140, 472-486	44
1396	Dynamic hub load predicts cognitive decline after resective neurosurgery. 2017 , 7, 42117	17
1395	The Functional Theory of Counterfactual Thinking: New Evidence, New Challenges, New Insights. 2017 , 1-79	68
1394	Evidence for a Large-Scale Brain System Supporting Allostasis and Interoception in Humans. 2017 , 1,	236
1393	The role of the default mode network in component processes underlying the wandering mind. 2017 , 12, 1047-1062	70
1392	Interpersonal early-life trauma alters amygdala connectivity and sustained attention performance. 2017 , 7, e00684	19
1391	Diffeomorphic functional brain surface alignment: Functional demons. 2017 , 156, 456-465	30
1390	342. Large-Scale Networks of the Human Cerebral Cortex. 2017 , 81, S140	
1389	Preserved cognitive functions with age are determined by domain-dependent shifts in network responsivity. 2017 , 8, 14743	37
1388	Network-targeted cerebellar transcranial magnetic stimulation improves attentional control. 2017 , 156, 190-198	33
1387	Mechanisms of automaticity and anticipatory control in fluid intelligence. 2017 , 6, 212-223	2
1386	Brief review of fluid reasoning: Conceptualization, neurobasis, and applications. 2017 , 6, 204-211	7
1385	Influence of endogenous estradiol, progesterone, allopregnanolone, and dehydroepiandrosterone sulfate on brain resting state functional connectivity across the menstrual cycle. 2017 , 107, 1246-1255.e4	28
1384	Dissecting the parieto-frontal correlates of fluid intelligence: A comprehensive ALE meta-analysis study. 2017 , 63, 9-28	43
1383	The development of multitasking in children aged 7-12years: Evidence from cross-sectional and longitudinal data. 2017 , 161, 63-80	5
1382	Individual parcellation of resting fMRI with a group functional connectivity prior. 2017, 156, 87-100	50
1381	Resting state functional connectivity in primary insomnia, generalized anxiety disorder and controls. 2017 , 265, 26-34	21

1380	Heritability analysis with repeat measurements and its application to resting-state functional connectivity. 2017 , 114, 5521-5526	76
1379	Resting state functional connectivity of the ventral auditory pathway in musicians with absolute pitch. 2017 , 38, 3899-3916	13
1378	Executive Network Activation is Linked to Walking Speed in Older Adults: Functional MRI and TCD Ultrasound Evidence From the MOBILIZE Boston Study. 2017 , 72, 1669-1675	27
1377	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. 2017 , 222, 3833-3845	24
1376	341. Dissecting the Molecular Mechanisms of Vocal Learning and Spoken Language. 2017 , 81, S140	
1375	343. From Gene Discovery to Diagnosis and Treatment: Breast Cancer as a Perhaps Unlikely Model for Mental Illness. 2017 , 81, S140-S141	4
1374	Brain Modularity Mediates the Relation between Task Complexity and Performance. 2017 , 29, 1532-1546	32
1373	Inference in the age of big data: Future perspectives on neuroscience. 2017 , 155, 549-564	107
1372	The Human Thalamus Is an Integrative Hub for Functional Brain Networks. 2017 , 37, 5594-5607	235
1371	Transdiagnostic neural correlates of affective face processing in anxiety and depression. 2017 , 34, 621-631	23
1370	Prefrontal Connectivity and Glutamate Transmission: Relevance to Depression Pathophysiology and Ketamine Treatment. 2017 , 2, 566-574	61
1369	Local-to-remote cortical connectivity in amnestic mild cognitive impairment. 2017 , 56, 138-149	11
1368	An fMRI investigation of the relationship between future imagination and cognitive flexibility. 2017 , 95, 156-172	25
1367	Fractionating the anterior temporal lobe: MVPA reveals differential responses to input and conceptual modality. 2017 , 147, 19-31	36
1366	Distinct Cerebellar Contributions to Cognitive-Perceptual Dynamics During Natural Viewing. 2017 , 27, 5652-5662	29
1365	Emotion and the prefrontal cortex: An integrative review. 2017 , 143, 1033-1081	249
1364	Individual differences in functional connectivity during naturalistic viewing conditions. 2017 , 157, 521-530	108
1363	Making group inferences using sparse representation of resting-state functional mRI data with application to sleep deprivation. 2017 , 38, 4671-4689	14

(2017-2017)

1362	resting-state fMRI study. 2017 , 38, 1279-1286	4
1361	The Neural Correlates of Emotional Lability in Children with Autism Spectrum Disorder. 2017 , 7, 281-288	7
1360	Myelination of the brain in Major Depressive Disorder: An in vivo quantitative magnetic resonance imaging study. 2017 , 7, 2200	42
1359	Structural covariance networks across the life span, from 6 to 94 years of age. 2017 , 1, 302-323	36
1358	Current Concepts of Memory Disorder in Epilepsy: Edging Towards a Network Account. 2017 , 17, 55	13
1357	Comparing brain activations associated with working memory and fluid intelligence. 2017 , 63, 66-77	7
1356	Reply: Capgras syndrome: neuroanatomical assessment of brain MRI findings in an adolescent patient. 2017 , 140, e44	10
1355	Connectivity Predicts deep brain stimulation outcome in Parkinson disease. 2017 , 82, 67-78	314
1354	Large-scale functional neural network correlates of response inhibition: an fMRI meta-analysis. 2017 , 222, 3973-3990	137
1353	Visibility graphs for fMRI data: Multiplex temporal graphs and their modulations across resting-state networks. 2017 , 1, 208-221	34
1352	Functional network integrity presages cognitive decline in preclinical Alzheimer disease. 2017 , 89, 29-37	51
1351	The effect of repetitive subconcussive collisions on brain integrity in collegiate football players over a single football season: A multi-modal neuroimaging study. 2017 , 14, 708-718	97
1350	Fluid and flexible minds: Intelligence reflects synchrony in the brain's intrinsic network architecture. 2017 , 1, 192-207	40
1349	Strategy-based reasoning training modulates cortical thickness and resting-state functional connectivity in adults with chronic traumatic brain injury. 2017 , 7, e00687	25
1348	Modular Segregation of Structural Brain Networks Supports the Development of Executive Function in Youth. 2017 , 27, 1561-1572.e8	178
1347	Cerebral compensation during motor function in Friedreich ataxia: The IMAGE-FRDA study. 2017 , 32, 1221-1229	16
1346	Evidence for Functional Networks within the Human Brain's White Matter. 2017 , 37, 6394-6407	91
1345	Multifocal tDCS targeting the resting state motor network increases cortical excitability beyond traditional tDCS targeting unilateral motor cortex. 2017 , 157, 34-44	87

1344	Hierarchical Organization of Tau and Amyloid Deposits in the Cerebral Cortex. 2017 , 74, 813-820	44
1343	Inflexible Functional Connectivity of the Dorsal Anterior Cingulate Cortex in Adolescent Major Depressive Disorder. 2017 , 42, 2434-2445	24
1342	Openness/Intellect. 9-27	29
1341	The Dorsal Frontoparietal Network: A Core System for Emulated Action. 2017 , 21, 589-599	94
1340	The energy landscape underpinning module dynamics in the human brain connectome. 2017 , 157, 364-380	33
1339	Specifying the brain anatomy underlying temporo-parietal junction activations for theory of mind: A review using probabilistic atlases from different imaging modalities. 2017 , 38, 4788-4805	75
1338	Spontaneous activity in the visual cortex is organized by visual streams. 2017 , 38, 4613-4630	7
1337	Brain Mechanisms of the Placebo Effect: An Affective Appraisal Account. 2017 , 13, 73-98	85
1336	Tired and misconnected: A breakdown of brain modularity following sleep deprivation. 2017 , 38, 3300-3314	33
1335	The Cerebellum: Adaptive Prediction for Movement and Cognition. 2017 , 21, 313-332	296
1335 1334	The Cerebellum: Adaptive Prediction for Movement and Cognition. 2017, 21, 313-332 Mapping how local perturbations influence systems-level brain dynamics. 2017, 160, 97-112	296 7 ²
1334	Mapping how local perturbations influence systems-level brain dynamics. 2017 , 160, 97-112 Short- and long-range functional connectivity density alterations in adolescents with pure conduct	72
1334 1333	Mapping how local perturbations influence systems-level brain dynamics. 2017 , 160, 97-112 Short- and long-range functional connectivity density alterations in adolescents with pure conduct disorder at resting-state. 2017 , 351, 96-107	72
1334 1333 1332	Mapping how local perturbations influence systems-level brain dynamics. 2017 , 160, 97-112 Short- and long-range functional connectivity density alterations in adolescents with pure conduct disorder at resting-state. 2017 , 351, 96-107 Functional network connectivity alterations in schizophrenia and depression. 2017 , 263, 113-120	72 27 22
1334 1333 1332	Mapping how local perturbations influence systems-level brain dynamics. 2017, 160, 97-112 Short- and long-range functional connectivity density alterations in adolescents with pure conduct disorder at resting-state. 2017, 351, 96-107 Functional network connectivity alterations in schizophrenia and depression. 2017, 263, 113-120 Salience network engagement with the detection of morally laden information. 2017, 12, 1118-1127 Task-Related Functional Connectivity Analysis of Emotion Discrimination in a Family Study of	72 27 22 19
1334 1333 1332 1331 1330	Mapping how local perturbations influence systems-level brain dynamics. 2017, 160, 97-112 Short- and long-range functional connectivity density alterations in adolescents with pure conduct disorder at resting-state. 2017, 351, 96-107 Functional network connectivity alterations in schizophrenia and depression. 2017, 263, 113-120 Salience network engagement with the detection of morally laden information. 2017, 12, 1118-1127 Task-Related Functional Connectivity Analysis of Emotion Discrimination in a Family Study of Schizophrenia. 2017, 43, 1348-1362 Attenuated intrinsic connectivity within cognitive control network among individuals with remitted	72 27 22 19

132	Altered functional connectivity in brain networks underlying self-referential processing in delusions of reference in schizophrenia. 2017 , 263, 32-43	23
132	Patterns of coordinated cortical remodeling during adolescence and their associations with functional specialization and evolutionary expansion. 2017 , 114, 3527-3532	59
132	Benchmarking of participant-level confound regression strategies for the control of motion artifact in studies of functional connectivity. 2017 , 154, 174-187	501
132	Screening of autism based on task-free fMRI using graph theoretical approach. 2017 , 263, 48-56	26
132	Functional organization of the human posterior cingulate cortex, revealed by multiple connectivity-based parcellation methods. 2017 , 38, 2808-2818	14
132	Mapping Neurodegenerative Disease Onset and Progression. 2017 , 9,	46
132	iELVis: An open source MATLAB toolbox for localizing and visualizing human intracranial electrode data. 2017 , 281, 40-48	101
131	9 Working Memory Load Strengthens Reward Prediction Errors. 2017 , 37, 4332-4342	53
131	8 A Spotlight on Bridging Microscale and Macroscale Human Brain Architecture. 2017 , 93, 1248-1251	26
131	sGraSP: A graph-based method for the derivation of subject-specific functional parcellations of the brain. 2017 , 277, 1-20	5
131	Neural correlates of rumination in adolescents with remitted major depressive disorder and healthy controls. 2017 , 17, 394-405	64
131	5 Lesions causing freezing of gait localize to a cerebellar functional network. 2017 , 81, 129-141	92
131	Brain regions that show repetition suppression and enhancement: A meta-analysis of 137 neuroimaging experiments. 2017 , 38, 1894-1913	34
131	Mapping effective connectivity in the human brain with concurrent intracranial electrical stimulation and BOLD-fMRI. 2017 , 277, 101-112	23
131	Epicenters of dynamic connectivity in the adaptation of the ventral visual system. 2017 , 38, 1965-1976	2
131	Modular-level alterations of structure-function coupling in schizophrenia connectome. 2017 , 38, 2008-2025	23
131	Cingulate cortex functional connectivity predicts future relapse in alcohol dependent individuals. 2017 , 13, 181-187	37
130	Interactions between the default network and dorsal attention network vary across default subsystems, time, and cognitive states. 2017 , 147, 632-649	113

1308	The inferior parietal lobule and temporoparietal junction: A network perspective. 2017, 105, 70-83	156
1307	Correspondent Functional Topography of the Human Left Inferior Parietal Lobule at Rest and Under Task Revealed Using Resting-State fMRI and Coactivation Based Parcellation. 2017 , 38, 1659-1675	63
1306	Using personality neuroscience to study personality disorder. 2017 , 8, 2-13	57
1305	Pregnancy leads to long-lasting changes in human brain structure. 2017 , 20, 287-296	288
1304	Tracking thoughts: Exploring the neural architecture of mental time travel during mind-wandering. 2017 , 147, 272-281	64
1303	Gradients of Connectivity in the Cerebral Cortex. 2017 , 21, 61-63	5
1302	Abnormal cortical asymmetry as a target for neuromodulation in neuropsychiatric disorders: A narrative review and concept proposal. 2017 , 83, 21-31	2
1301	Earliest accumulation of hamyloid occurs within the default-mode network and concurrently affects brain connectivity. 2017 , 8, 1214	348
1300	Segregated Systems of Human Brain Networks. 2017 , 21, 981-996	139
1299	Applications of Resting-State Functional Connectivity to Neurodegenerative Disease. 2017 , 27, 663-683	21
1298	Functional networks and network perturbations in rodents. 2017 , 163, 419-436	35
1297	Dynamics of functional connectivity at high spatial resolution reveal long-range interactions and fine-scale organization. 2017 , 7, 12773	27
1296	Connectome-Based Pattern Learning Predicts Histology and Surgical Outcome of Epileptogenic Malformations of Cortical Development. 2017 , 390-397	4
1295	Stochastic resonance at criticality in a network model of the human cortex. 2017 , 7, 13020	23
1294	Quantifying person-level brain network functioning to facilitate clinical translation. 2017, 7, e1248	18
1293	Cognitive task information is transferred between brain regions via resting-state network topology. 2017 , 8, 1027	90
1292	Concordance among indices of intrinsic brain function: Insights from inter-individual variation and temporal dynamics. 2017 , 62, 1572-1584	48
1291	Multimodal mapping of the brain's functional connectivity and the adult outcome of attention deficit hyperactivity disorder. 2017 , 114, 11787-11792	63

1290	Complementary contributions of concurrent EEG and fMRI connectivity for predicting structural connectivity. 2017 , 161, 251-260	26
1289	Functional subdivisions of the hypothalamus using areal parcellation and their signal changes related to glucose metabolism. 2017 , 162, 1-12	26
1288	Sensory-biased attention networks in human lateral frontal cortex revealed by intrinsic functional connectivity. 2017 , 162, 362-372	16
1287	Response to 'Hippocampus as a wormhole: gateway to consciousness'. 2017 , 8, e1447	
1286	Nutritional status, brain network organization, and general intelligence. 2017 , 161, 241-250	17
1285	Resting-State Functional Connectivity in the Human Connectome Project: Current Status and Relevance to Understanding Psychopathology. 2017 , 25, 209-217	16
1284	Dynamic connectivity modulates local activity in the core regions of the default-mode network. 2017 , 114, 9713-9718	31
1283	Neuroanatomical foundations of delayed reward discounting decision making. 2017 , 161, 261-270	38
1282	Advancing functional dysconnectivity and atrophy in progressive supranuclear palsy. 2017, 16, 564-574	20
1281	Reduced Structural Connectivity in Frontostriatal White Matter Tracts in the Associative Loop in Schizophrenia. 2017 , 174, 1102-1111	34
1280	Interpreting temporal fluctuations in resting-state functional connectivity MRI. 2017, 163, 437-455	135
1279	Dynamic Regression for Partial Correlation and Causality Analysis of Functional Brain Networks. 2017 , 365-372	
1278	Longitudinally-Consistent Parcellation of Infant Population Cortical Surfaces Based on Functional Connectivity. 2017 , 194-202	
1277	A flexible graphical model for multi-modal parcellation of the cortex. 2017 , 162, 226-248	5
1276	Distinct Patterns of Temporal and Directional Connectivity among Intrinsic Networks in the Human Brain. 2017 , 37, 9667-9674	17
1275	A Network-Based Neurobiological Model of PTSD: Evidence From Structural and Functional Neuroimaging Studies. 2017 , 19, 81	135
1274	Inter-subject Functional Correlation Reveal a Hierarchical Organization of Extrinsic and Intrinsic Systems in the Brain. 2017 , 7, 10876	9
1273	More Is Meaningful: The Magnitude Effect in Intertemporal Choice Depends on Self-Control. 2017 , 28, 1443-1454	30

1272	Functional connectivity of large-scale brain networks in patients with anti-NMDA receptor encephalitis: an observational study. 2017 , 4, 768-774	70
1271	Brain Changes Following Executive Control Training in Older Adults. 2017 , 31, 910-922	12
1270	Multimodal neural correlates of cognitive control in the Human Connectome Project. 2017, 163, 41-54	28
1269	Posterior dopamine D2/3 receptors and brain network functional connectivity. 2017 , 71, e21993	20
1268	Functional density and edge maps: Characterizing functional architecture in individuals and improving cross-subject registration. 2017 , 158, 346-355	21
1267	Parallel Interdigitated Distributed Networks within the Individual Estimated by Intrinsic Functional Connectivity. 2017 , 95, 457-471.e5	301
1266	Unraveling the Complex Tapestry of Association Networks. 2017 , 95, 239-241	3
1265	A sparse representation-based method for parcellation of the resting brain and its application to treatment-resistant major depressive disorder. 2017 , 290, 57-68	5
1264	Criticality in the brain: A synthesis of neurobiology, models and cognition. 2017 , 158, 132-152	193
1263	The impact of hemodynamic variability and signal mixing on the identifiability of effective connectivity structures in BOLD fMRI. 2017 , 7, e00777	7
1262	Neural interactions mediating conflict control and its training-induced plasticity. 2017, 163, 390-397	4
1261	Functional brain activation associated with working memory training and transfer. 2017, 334, 34-49	30
1260	The independent influences of age and education on functional brain networks and cognition in healthy older adults. 2017 , 38, 5094-5114	37
1259	The anatomical scaffold underlying the functional centrality of known cortical hubs. 2017 , 38, 5141-5160	8
1258	Functional connectivity within and between intrinsic brain networks correlates with trait mind wandering. 2017 , 103, 140-153	36
1257	Precision Functional Mapping of Individual Human Brains. 2017 , 95, 791-807.e7	524
1256	Positive affect, surprise, and fatigue are correlates of network flexibility. 2017 , 7, 520	84
1255	Visually stressful striped patterns alter human visual cortical functional connectivity. 2017 , 38, 5474-5484	5

<i>J</i> 1	fMRI Repetition Suppression During Generalized Social Categorization. 2017 , 7, 4262	10
1253	Contextual connectivity: A framework for understanding the intrinsic dynamic architecture of large-scale functional brain networks. 2017 , 7, 6537	25
1252	Resting-state functional under-connectivity within and between large-scale cortical networks across three low-frequency bands in adolescents with autism. 2017 , 79, 434-441	22
1251	Infinite von Mises-Fisher Mixture Modeling of Whole Brain fMRI Data. 2017 , 29, 2712-2741	6
1250	A Bayesian spatial model for neuroimaging data based on biologically informed basis functions. 2017 , 161, 134-148	10
1249	Taking tests in the magnet: Brain mapping standardized tests. 2017 , 38, 5706-5725	
1248	Sensory-Biased and Multiple-Demand Processing in Human Lateral Frontal Cortex. 2017 , 37, 8755-8766	25
1247	Anatomic consistencies across epilepsies: a stereotactic-EEG informed high-resolution structural connectivity study. 2017 , 140, 2639-2652	45
1246	Correlation between the Functional Connectivity of Brain Areas Active in the Resting State with Behavioral and Psychological Indicators. 2017 , 47, 1128-1139	1
1245	An Evolutionary Game Theory Model of Spontaneous Brain Functioning. 2017 , 7, 15978	5
1244	The literature is a secretar to the latest and the secretar and the secret	
, ,	Intelligence is associated with the modular structure of intrinsic brain networks. 2017 , 7, 16088	60
1243	Thalamocortical functional connectivity in Lennox-Gastaut syndrome is abnormally enhanced in executive-control and default-mode networks. 2017 , 58, 2085-2097	60
	Thalamocortical functional connectivity in Lennox-Gastaut syndrome is abnormally enhanced in	
1243	Thalamocortical functional connectivity in Lennox-Gastaut syndrome is abnormally enhanced in executive-control and default-mode networks. 2017 , 58, 2085-2097	24
1243	Thalamocortical functional connectivity in Lennox-Gastaut syndrome is abnormally enhanced in executive-control and default-mode networks. 2017, 58, 2085-2097 Network connectivity correlates of variability in fluid intelligence performance. 2017, 65, 35-47 Integrated cross-network connectivity of amygdala, insula, and subgenual cingulate associated with	24
1243 1242 1241	Thalamocortical functional connectivity in Lennox-Gastaut syndrome is abnormally enhanced in executive-control and default-mode networks. 2017, 58, 2085-2097 Network connectivity correlates of variability in fluid intelligence performance. 2017, 65, 35-47 Integrated cross-network connectivity of amygdala, insula, and subgenual cingulate associated with facial emotion perception in healthy controls and remitted major depressive disorder. 2017, 17, 1242-1254	24 36 17
1243 1242 1241 1240	Thalamocortical functional connectivity in Lennox-Gastaut syndrome is abnormally enhanced in executive-control and default-mode networks. 2017, 58, 2085-2097 Network connectivity correlates of variability in fluid intelligence performance. 2017, 65, 35-47 Integrated cross-network connectivity of amygdala, insula, and subgenual cingulate associated with facial emotion perception in healthy controls and remitted major depressive disorder. 2017, 17, 1242-1254 The diverse club. 2017, 8, 1277 An altered scaffold for information processing: Cognitive control development in adolescents with	24 36 17 74

1236	Radiation-induced cerebellar-cerebral functional connectivity alterations in nasopharyngeal carcinoma patients. 2017 , 28, 705-711	9
1235	Metastability of cortical BOLD signals in maturation and senescence. 2017,	2
1234	That's me in the spotlight: neural basis of individual differences in self-consciousness. 2017 , 12, 1384-1393	10
1233	Topologically convergent and divergent functional connectivity patterns in unmedicated unipolar depression and bipolar disorder. 2017 , 7, e1165	74
1232	Mesoscale Mapping of Mouse Cortex Reveals Frequency-Dependent Cycling between Distinct Macroscale Functional Modules. 2017 , 37, 7513-7533	77
1231	Degradation of neural representations in higher visual cortex by sleep deprivation. 2017 , 7, 45532	7
1230	Brain network dynamics in high-functioning individuals with autism. 2017 , 8, 16048	62
1229	Affective traits and history of depression are related to ventral striatum connectivity. 2017 , 221, 72-80	13
1228	Varieties of semantic cognition revealed through simultaneous decomposition of intrinsic brain connectivity and behaviour. 2017 , 158, 1-11	53
1227	Body Topography Parcellates Human Sensory and Motor Cortex. 2017 , 27, 3790-3805	44
1226	Graph theoretical approaches towards understanding differences in frontoparietal and default mode networks in Autism. 2017 , 2017, 460-463	3
1225	Distinct neural bases of disruptive behavior and autism symptom severity in boys with autism spectrum disorder. 2017 , 9, 1	23
1224	Blind source separation of functional MRI scans of the human brain based on canonical correlation analysis. 2017 , 269, 220-225	3
1223	Modulation of cognitive cerebello-cerebral functional connectivity by lateral cerebellar continuous theta burst stimulation. 2017 , 158, 48-57	47
1222	Dynamic functional connectivity in bipolar disorder is associated with executive function and processing speed: A preliminary study. 2017 , 31, 73-83	64
1221	Gradients of connectivity distance are anchored in primary cortex. 2017 , 222, 2173-2182	24
1220	The hearing ear is always found close to the speaking tongue: Review of the role of the motor system in speech perception. 2017 , 164, 77-105	107
1219	Corticostriatal connectivity fingerprints: Probability maps based on resting-state functional connectivity. 2017 , 38, 1478-1491	25

(2017-2017)

1218	Concussion History: Implications and Role of Neuroactive Kynurenine Pathway Metabolites. 2017 , 34, 824-837	16
1217	Cognitive manipulation of brain electric microstates. 2017 , 146, 533-543	98
1216	Disrupted development and imbalanced function in the global neuronal workspace: a positive-feedback mechanism for the emergence of ASD in early infancy. 2017 , 11, 1-21	19
1215	Individual variation in intentionality in the mind-wandering state is reflected in the integration of the default-mode, fronto-parietal, and limbic networks. 2017 , 146, 226-235	92
1214	Brain injury in women experiencing intimate partner-violence: neural mechanistic evidence of an "invisible" trauma. 2017 , 11, 1664-1677	63
1213	Similarities and differences in the default mode network across rest, retrieval, and future imagining. 2017 , 38, 1155-1171	41
1212	Integrated late onset Alzheimer's disease (LOAD) susceptibility genes: Cholesterol metabolism and trafficking perspectives. 2017 , 597, 10-16	34
1211	Chronnectomic patterns and neural flexibility underlie executive function. 2017, 147, 861-871	69
121 0	Dynamic Networks in the Emotional Brain. 2017 , 23, 383-396	23
1209	Age-related change and the predictive value of the R esting statella commentary on Campbell and Schacter (2016). 2017 , 32, 674-677	7
1208	Brain connectivity and psychiatric comorbidity in adolescents with Internet gaming disorder. 2017 , 22, 802-812	48
1207	Retinotopic patterns of functional connectivity between V1 and large-scale brain networks during resting fixation. 2017 , 146, 1071-1083	19
1206	Noninvasive brain stimulation treatments for addiction and major depression. 2017 , 1394, 31-54	74
1205	Tell me twice: A multi-study analysis of the functional connectivity between the cerebrum and cerebellum after repeated trait information. 2017 , 144, 241-252	12
1204	Development of hippocampal functional connectivity during childhood. 2017 , 38, 182-201	40
1203	Auditory and visual connectivity gradients in frontoparietal cortex. 2017 , 38, 255-270	22
1202	Real-time estimation of dynamic functional connectivity networks. 2017 , 38, 202-220	20
1201	Defining biotypes for depression and anxiety based on large-scale circuit dysfunction: a theoretical review of the evidence and future directions for clinical translation. 2017 , 34, 9-24	139

1200	Aberrant cerebellar connectivity in bipolar disorder with psychosis. 2017 , 2, 438-448	22
1199	Resting-state global functional connectivity as a biomarker of cognitive reserve in mild cognitive impairment. 2017 , 11, 368-382	53
1198	Systemic klotho is associated with KLOTHO variation and predicts intrinsic cortical connectivity in healthy human aging. 2017 , 11, 391-400	37
1197	Differential brain network activity across mood states in bipolar disorder. 2017 , 207, 367-376	71
1196	Tract-specific white matter hyperintensities disrupt neural network function in Alzheimer's disease. 2017 , 13, 225-235	29
1195	The functional logic of corticostriatal connections. 2017 , 222, 669-706	57
1194	Ethical Leadership as a Balance Between Opposing Neural Networks. 2017 , 144, 755-770	16
1193	Exploring the brain bases of dreaming. Commentary on "Beyond the neuropsychology of dreaming: Insights into the neural basis of dreaming with new techniques of sleep recording and analysis." Sleep Medicine Reviews. 2017 , 35, 124-126	2
1192	Interaction of language, auditory and memory brain networks in auditory verbal hallucinations. 2017 , 148, 1-20	116
1191	Deriving reproducible biomarkers from multi-site resting-state data: An Autism-based example. 2017 , 147, 736-745	314
1190	Community detection in weighted brain connectivity networks beyond the resolution limit. 2017 , 146, 28-39	36
1189	Reconciling cognitive and affective neuroscience perspectives on the brain basis of emotional experience. 2017 , 76, 187-215	66
1188	Individual-specific features of brain systems identified with resting state functional correlations. 2017 , 146, 918-939	130
1187	Relationship between structural and functional connectivity change across the adult lifespan: A longitudinal investigation. 2017 , 38, 561-573	48
1186	Convergence of prefrontal and parietal anatomical projections in a connectional hub in the striatum. 2017 , 146, 821-832	46
1185	ICA on sensor or source data: A comparison study in deriving resting state networks from EEG. 2017 , 2017, 3604-3607	2
1184	Wide learning: Using an ensemble of biologically-plausible spiking neural networks for unsupervised parallel classification of spatio-temporal patterns. 2017 ,	
1183	Assessment of the capability to target cerebellar sub-regions with high-definition transcranial direct current stimulation (HD-tDCS) over the cerebellum. 2017 .	5

1182	Attention Selectively Reshapes the Geometry of Distributed Semantic Representation. 2017, 27, 4277-4291	60
1181	On the homogeneity and heterogeneity of cortical thickness profiles in Homo sapiens sapiens. 2017 , 7, 17937	
1180	Functional brain network mapping with dual regression. 2017 , 60, 1450-1452	
1179	Personality and Neural Correlates of Mentalizing Ability. 2017 , 31, 599-613	57
1178	Psychological and Neural Functions of Working Memory in Social Contexts. 2017 , 27-42	1
1177	Positive and Negative Somatotopic BOLD Responses in Contralateral Versus Ipsilateral Penfield Homunculus. 2017 , 27, 962-980	28
1176	Upper limb cortical maps in amputees with targeted muscle and sensory reinnervation. 2017, 140, 2993-3011	50
1175	Topological Alterations and Symptom-Relevant Modules in the Whole-Brain Structural Network in Semantic Dementia. 2017 , 59, 1283-1297	3
1174	Exploration of distance metrics in consensus clustering analysis of FMRI data. 2017,	
1173	Fine-scale patterns driving dynamic functional connectivity provide meaningful brain parcellations. 2017 ,	1
1172	Effects of Methylphenidate on Default-Mode Network/Task-Positive Network Synchronization in Children With ADHD. 2017 , 21, 1208-1220	23
1171	. 2017,	24
1170	Mind-Body Practice Changes Fractional Amplitude of Low Frequency Fluctuations in Intrinsic Control Networks. 2017 , 8, 1049	19
1169	A Tri-network Model of Human Semantic Processing. 2017 , 8, 1538	24
1168	Risperidone Effects on Brain Dynamic Connectivity-A Prospective Resting-State fMRI Study in Schizophrenia. 2017 , 8, 14	26
1167	A Systematic Review of Neuroprotective Strategies during Hypovolemia and Hemorrhagic Shock. 2017 , 18,	8
1166	Understanding the Roles of Genetic and Environmental Influences on the Neurobiology of Nicotine Use. 2017 , 251-271	
1165	Lifespan Development of the Human Brain Revealed by Large-Scale Network Eigen-Entropy. 2017 , 19, 471	5

1164	Early Age-Related Functional Connectivity Decline in High-Order Cognitive Networks. 2016 , 8, 330	55
1163	The Integrity of the Corpus Callosum Mitigates the Impact of Blood Pressure on the Ventral Attention Network and Information Processing Speed in Healthy Adults. 2017 , 9, 108	7
1162	White Matter Structural Connectivity Is Not Correlated to Cortical Resting-State Functional Connectivity over the Healthy Adult Lifespan. 2017 , 9, 144	37
1161	Age-Related Differences in Dynamic Interactions Among Default Mode, Frontoparietal Control, and Dorsal Attention Networks during Resting-State and Interference Resolution. 2017 , 9, 152	35
1160	Resting-State Connectivity of the Left Frontal Cortex to the Default Mode and Dorsal Attention Network Supports Reserve in Mild Cognitive Impairment. 2017 , 9, 264	46
1159	Altered Behavioral and Autonomic Pain Responses in Alzheimer's Disease Are Associated with Dysfunctional Affective, Self-Reflective and Salience Network Resting-State Connectivity. 2017 , 9, 297	10
1158	"Cerebellar Challenge" for Older Adults: Evaluation of a Home-Based Internet Intervention. 2017, 9, 332	O
1157	Gait Speed and Gait Variability Are Associated with Different Functional Brain Networks. 2017 , 9, 390	48
1156	Brain Aging: Uncovering Cortical Characteristics of Healthy Aging in Young Adults. 2017 , 9, 412	21
1155	Non-Invasive Brain Stimulation to Enhance Upper Limb Motor Practice Poststroke: A Model for Selection of Cortical Site. 2017 , 8, 224	10
1154	Structural Covariance of Sensory Networks, the Cerebellum, and Amygdala in Autism Spectrum Disorder. 2017 , 8, 615	13
1153	Concordance of the Resting State Networks in Typically Developing, 6-to 7-Year-Old Children and Healthy Adults. 2017 , 11, 199	7
1152	Individual Differences in the Accuracy of Judgments of Learning Are Related to the Gray Matter Volume and Functional Connectivity of the Left Mid-Insula. 2017 , 11, 399	5
1151	Dynamics of Intersubject Brain Networks during Anxious Anticipation. 2017 , 11, 552	16
1150	Characteristics of Resting-State Functional Connectivity in Intractable Unilateral Temporal Lobe Epilepsy Patients with Impaired Executive Control Function. 2017 , 11, 609	24
1149	Automatic and Precise Localization and Cortical Labeling of Subdural and Depth Intracranial Electrodes. 2017 , 11, 10	18
1148	Resting State fMRI Functional Connectivity Analysis Using Dynamic Time Warping. 2017, 11, 75	40
1147	Latent and Abnormal Functional Connectivity Circuits in Autism Spectrum Disorder. 2017 , 11, 125	7

1146	Tau Pathology Distribution in Alzheimer's disease Corresponds Differentially to Cognition-Relevant Functional Brain Networks. 2017 , 11, 167	47
1145	Understanding the Influences of EEG Reference: A Large-Scale Brain Network Perspective. 2017 , 11, 205	46
1144	Improving the Test-Retest Reliability of Resting State fMRI by Removing the Impact of Sleep. 2017 , 11, 249	20
1143	Initial Validation for the Estimation of Resting-State fMRI Effective Connectivity by a Generalization of the Correlation Approach. 2017 , 11, 271	4
1142	Test-Retest Reliability of "High-Order" Functional Connectivity in Young Healthy Adults. 2017, 11, 439	34
1141	A Novel Feature-Map Based ICA Model for Identifying the Individual, Intra/Inter-Group Brain Networks across Multiple fMRI Datasets. 2017 , 11, 510	3
1140	Unique Neural Characteristics of Atypical Lateralization of Language in Healthy Individuals. 2017 , 11, 525	12
1139	Classical Statistics and Statistical Learning in Imaging Neuroscience. 2017 , 11, 543	72
1138	The Effect of Low-Frequency Physiological Correction on the Reproducibility and Specificity of Resting-State fMRI Metrics: Functional Connectivity, ALFF, and ReHo. 2017 , 11, 546	23
1137	Complex Brain Network Analysis and Its Applications to Brain Disorders: A Survey. 2017 , 2017, 1-27	46
1136	Anatomical and functional organization of the human substantia nigra and its connections. 2017, 6,	39
1135	Executive Functions and Neurocognitive Aging. 2017 , 169-196	11
1134	Cortical response states for enhanced sensory discrimination. 2017 , 6,	16
1133	The Human Brain. 2017 , 125-149	11
1132	Spinocerebellar Atrophy?. 2017,	
1131	Novel subgroups of attention-deficit/hyperactivity disorder identified by topological data analysis and their functional network modular organizations. 2017 , 12, e0182603	8
1130	Features of spatial and functional segregation and integration of the primate connectome revealed by trade-off between wiring cost and efficiency. 2017 , 13, e1005776	21
1129	Disrupted architecture of large-scale brain functional connectivity networks in patients with generalized tonicflonic seizure. 2017 , 4,	1

1128	Distinct neural substrates of visuospatial and verbal-analytic reasoning as assessed by Raven's Advanced Progressive Matrices. 2017 , 7, 16230	6
1127	The Acute Effects of Aerobic Exercise on the Functional Connectivity of Human Brain Networks. 2017 , 2, 171-190	62
1126	The Healthy Brain Network Serial Scanning Initiative: a resource for evaluating inter-individual differences and their reliabilities across scan conditions and sessions. 2017 , 6, 1-14	49
1125	Human Association Cortex: Expanded, Untethered, Neotenous, and Plastic. 2017, 169-183	4
1124	Neurobiology of Dreaming. 2017, 529-538.e6	16
1123	Postretinal Structure and Function in Severe Congenital Photoreceptor Blindness Caused by Mutations in the GUCY2D Gene. 2017 , 58, 959-973	13
1122	Prediction complements explanation in understanding the developing brain. 2018, 9, 589	79
1121	Machine learning for bioinformatics and neuroimaging. 2018 , 8, e1248	14
112 0	Self-reference, emotion inhibition and somatosensory disturbance: preliminary investigation of network perturbations in conversion disorder. 2018 , 25, 888-e62	11
1119	Intracranial Electrophysiology of the Human Default Network. 2018 , 22, 307-324	50
1118	Amygdala-medial prefrontal cortex connectivity relates to stress and mental health in early childhood. 2018 , 13, 430-439	37
1117	Local functional connectivity suggests functional immaturity in children with attention-deficit/hyperactivity disorder. 2018 , 39, 2442-2454	17
1116	Changes in brain connectivity during a sham-controlled, transcranial magnetic stimulation trial for depression. 2018 , 232, 143-151	37
1115	Multimodal, noninvasive seizure network mapping software: A novel tool for preoperative epilepsy evaluation. 2018 , 81, 25-32	6
1114	Dynamic large-scale network synchronization from perception to action. 2018 , 2, 442-463	17
1113	Network-wise cerebral blood flow redistribution after 20 Hz rTMS on left dorso-lateral prefrontal cortex. 2018 , 101, 144-148	6
1112	Impact of global signal regression on characterizing dynamic functional connectivity and brain states. 2018 , 173, 127-145	28
1111	Parietal control network activation during memory tasks may be associated with the co-occurrence of externally and internally directed cognition: A cross-function meta-analysis. 2018 , 1683, 55-66	12

1110	Preferential degradation of cognitive networks differentiates Alzheimer's disease from ageing. 2018 , 141, 1486-1500	46
1109	Functional segregation loss over time is moderated by APOE genotype in healthy elderly. 2018 , 39, 2742-2752	! 10
1108	Maternal Immune Activation During the Third Trimester Is Associated with Neonatal Functional Connectivity of the Salience Network and Fetal to Toddler Behavior. 2018 , 38, 2877-2886	81
1107	Individual differences in socioemotional sensitivity are an index of salience network function. 2018 , 103, 211-223	40
1106	The impact of epilepsy surgery on the structural connectome and its relation to outcome. 2018 , 18, 202-214	60
1105	How to Characterize the Function of a Brain Region. 2018 , 22, 350-364	92
1104	Microstructural parcellation of the human brain. 2018 , 182, 219-231	15
1103	Segregation of the human basal forebrain using resting state functional MRI. 2018, 173, 287-297	28
1102	Socioeconomic disparities in academic achievement: A multi-modal investigation of neural mechanisms in children and adolescents. 2018 , 173, 298-310	73
1101	Early bilateral and massive compromise of the frontal lobes. 2018 , 18, 543-552	8
1100	Differential Medial Temporal Lobe and Parietal Cortical Contributions to Real-world Autobiographical Episodic and Autobiographical Semantic Memory. 2018 , 8, 6190	11
1099	Novel in silico multivariate mapping of intrinsic and anticorrelated connectivity to neurocognitive functional maps supports the maturational hypothesis of ADHD. 2018 , 39, 3449-3467	10
1098	The goal priority network as a neural substrate of Conscientiousness. 2018 , 39, 3574-3585	64
1097	Multimodal Connectomics in Psychiatry: Bridging Scales From Micro to Macro. 2018 , 3, 767-776	9
1096	Characterization of the Spatial Structure of Local Functional Connectivity Using Multidistance Average Correlation Measures. 2018 , 8, 276-287	4
1095	Large-Scale Network Topology Reveals Heterogeneity in Individuals With at Risk Mental State for Psychosis: Findings From the Longitudinal Youth-at-Risk Study. 2018 , 28, 4234-4243	10
1094	Disrupted modular organization of primary sensory brain areas in schizophrenia. 2018 , 18, 682-693	27
1093	An fMRI study of coherent visual motion processing in children and adults. 2018 , 173, 223-239	8

1092	Functional Brain Networks Are Dominated by Stable Group and Individual Factors, Not Cognitive or Daily Variation. 2018 , 98, 439-452.e5	367
1091	Personalized Neuroscience: Common and Individual-Specific Features in Functional Brain Networks. 2018 , 98, 243-245	33
1090	Overcoming Bias: Cognitive Control Reduces Susceptibility to Framing Effects in Evaluating Musical Performance. 2018 , 8, 6229	8
1089	Distinctive heritability patterns of subcortical-prefrontal cortex resting state connectivity in childhood: A twin study. 2018 , 175, 138-149	17
1088	Encoding of Self-Referential Pain Catastrophizing in the Posterior Cingulate Cortex in Fibromyalgia. 2018 , 70, 1308-1318	26
1087	Degrees of functional connectome abnormality in disorders of consciousness. 2018 , 39, 2929-2940	15
1086	Understanding the Emergence of Neuropsychiatric Disorders With Network Neuroscience. 2018 , 3, 742-753	39
1085	On the relation between theory of mind and executive functioning: A developmental cognitive neuroscience perspective. 2018 , 25, 2119-2140	54
1084	Semantically defined subdomains of functional neuroimaging literature and their corresponding brain regions. 2018 , 39, 2764-2776	10
1083	Targeted Right Medial Temporal Lobe tDCS and Associative Spatial and Non-Spatial Memory. 2018 , 2, 287-297	6
1082	Intracranial Electrophysiology Reveals Reproducible Intrinsic Functional Connectivity within Human Brain Networks. 2018 , 38, 4230-4242	66
1081	Choosing to regulate: does choice enhance craving regulation?. 2018 , 13, 300-309	9
1080	A Connectome-wide Functional Signature of Transdiagnostic Risk for Mental Illness. 2018 , 84, 452-459	65
1079	Individual Identification Using the Functional Brain Fingerprint Detected by the Recurrent Neural Network. 2018 , 8, 197-204	14
1078	Cortico-thalamic hypo- and hyperconnectivity extend consistently to basal ganglia in schizophrenia. 2018 , 43, 2239-2248	31
1077	Resting-State Connectivity Biomarkers of Cognitive Performance and Social Function in Individuals With Schizophrenia Spectrum Disorder and Healthy Control Subjects. 2018 , 84, 665-674	34
1076	Gene expression links functional networks across cortex and striatum. 2018 , 9, 1428	64
1075	Prefrontal mediation of the reading network predicts intervention response in dyslexia. 2018 , 101, 96-106	9

1074	Bottom-Up and Top-Down Factors Differentially Influence Stimulus Representations Across Large-Scale Attentional Networks. 2018 , 38, 2495-2504	24
1073	The neural basis of representing others' inner states. 2018 , 23, 98-103	15
1072	Income change alters default mode network connectivity for adolescents in poverty. 2018, 30, 93-99	23
1071	(delta)-MAPS: From fMRI Data to Functional Brain Networks. 2018 , 1237-1249	
1070	Structural disconnection is responsible for increased functional connectivity in multiple sclerosis. 2018 , 223, 2519-2526	9
1069	Coupling and segregation of large-scale brain networks predict individual differences in delay discounting. 2018 , 133, 63-71	5
1068	Predicting future learning from baseline network architecture. 2018 , 172, 107-117	41
1067	Incentives facilitate developmental improvement in inhibitory control by modulating control-related networks. 2018 , 172, 369-380	14
1066	The Basal Forebrain Regulates Global Resting-State fMRI Fluctuations. 2018, 97, 940-952.e4	113
1065	Applications of community detection techniques to brain graphs: Algorithmic considerations and implications for neural function. 2018 , 106, 846-867	55
1064	Neuroplasticity of cognitive control networks following cognitive training for chronic traumatic brain injury. 2018 , 18, 262-278	24
1063	The effects of serotonin modulation on medial prefrontal connectivity strength and stability: A pharmacological fMRI study with citalopram. 2018 , 84, 152-159	12
1062	Metabolic Changes in Central Poststroke Pain Following Thalamic Intracerebral Hemorrhage: An 18F-FDG PET Study. 2018 , 43, e62-e66	6
1061	Sensorimotor network alterations in children and youth with prenatal alcohol exposure. 2018 , 39, 2258-2268	12
1060	A probabilistic approach to discovering dynamic full-brain functional connectivity patterns. 2018 , 180, 243-252	14
1059	Time scale properties of task and resting-state functional connectivity: Detrended partial cross-correlation analysis. 2018 , 173, 240-248	8
1058	Diversity of meso-scale architecture in human and non-human connectomes. 2018 , 9, 346	81
1057	Intelligence and Creativity from the Neuroscience Perspective. 421-434	1

1056	Heterogeneity within the frontoparietal control network and its relationship to the default and dorsal attention networks. 2018 , 115, E1598-E1607	194
1055	Large-scale Meta-analysis Suggests Low Regional Modularity in Lateral Frontal Cortex. 2018 , 28, 3414-3428	18
1054	Spatiotemporal, metabolic, and therapeutic characterization of altered functional connectivity in major depressive disorder. 2018 , 39, 1957-1971	20
1053	Sensory and cross-network contributions to response inhibition in patients with schizophrenia. 2018 , 18, 31-39	18
1052	Meta-Connectomic Analysis Reveals Commonly Disrupted Functional Architectures in Network Modules and Connectors across Brain Disorders. 2018 , 28, 4179-4194	29
1051	Dynamic Flexibility in Striatal-Cortical Circuits Supports Reinforcement Learning. 2018 , 38, 2442-2453	55
1050	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. 2018 , 87, 151-160	96
1049	Triple representation of language, working memory, social and emotion processing in the cerebellum: convergent evidence from task and seed-based resting-state fMRI analyses in a single large cohort. 2018 , 172, 437-449	194
1048	Auditory stimulation of sleep slow oscillations modulates subsequent memory encoding through altered hippocampal function. 2018 , 41,	30
1047	Orbital and Medial Prefrontal Cortex Functional Connectivity of Major Depression Vulnerability and Disease. 2018 , 3, 348-357	11
1046	Functional Connectivity Between Anterior Insula and Key Nodes of Frontoparietal Executive Control and Salience Networks Distinguish Bipolar Depression From Unipolar Depression and Healthy Control Subjects. 2018 , 3, 473-484	31
1045	Frontostriatal and Dopamine Markers of Individual Differences in Reinforcement Learning: A Multi-modal Investigation. 2018 , 28, 4281-4290	31
1044	Neuroimaging in neurodevelopmental disorders: focus on resting-state fMRI analysis of intrinsic functional brain connectivity. 2018 , 31, 140-148	9
1043	The Hierarchical Organization of the Default, Dorsal Attention and Salience Networks in Adolescents and Young Adults. 2018 , 28, 726-737	77
1042	The retrosplenial cortex: A memory gateway between the cortical default mode network and the medial temporal lobe. 2018 , 39, 2020-2034	44
1041	Impaired Functional Criticality of Human Brain during Alzheimer's Disease Progression. 2018, 8, 1324	15
1040	Hallucination- and speech-specific hypercoupling in frontotemporal auditory and language networks in schizophrenia using combined task-based fMRI data: An fBIRN study. 2018 , 39, 1582-1595	17
1039	Reliable new measures capturing low-frequency fluctuations from resting-state functional MRI. 2018 , 29, 197-202	

(2018-2018)

1038	Disrupted functional connectivity patterns of the insula subregions in drug-free major depressive disorder. 2018 , 234, 297-304	41
1037	Oculomotor Cognitive Control Abnormalities in Australian Rules Football Players with a History of Concussion. 2018 , 35, 730-738	23
1036	Generalizable representations of pain, cognitive control, and negative emotion in medial frontal cortex. 2018 , 21, 283-289	114
1035	Lesion network localization of criminal behavior. 2018 , 115, 601-606	94
1034	Simultaneous Multislice Resting-State Functional Magnetic Resonance Imaging at 3 Tesla: Slice-Acceleration-Related Biases in Physiological Effects. 2018 , 8, 82-93	6
1033	LEICA: Laplacian eigenmaps for group ICA decomposition of fMRI data. 2018 , 169, 363-373	8
1032	Functional reorganization of intra- and internetwork connectivity in major depressive disorder after electroconvulsive therapy. 2018 , 39, 1403-1411	65
1031	Tracking behavioral and neural fluctuations during sustained attention: A robust replication and extension. 2018 , 171, 148-164	42
1030	Distant from input: Evidence of regions within the default mode network supporting perceptually-decoupled and conceptually-guided cognition. 2018 , 171, 393-401	109
1029	Studying emotion theories through connectivity analysis: Evidence from generalized psychophysiological interactions and graph theory. 2018 , 172, 250-262	7
1028	Differentially categorized structural brain hubs are involved in different microstructural, functional, and cognitive characteristics and contribute to individual identification. 2018 , 39, 1647-1663	9
1027	Re-emergence of modular brain networks in stroke recovery. 2018 , 101, 44-59	101
1026	Evidence for a Functional Hierarchy of Association Networks. 2018 , 30, 722-736	12
1025	Quantitative assessment of structural image quality. 2018 , 169, 407-418	129
1024	Stereotypical modulations in dynamic functional connectivity explained by changes in BOLD variance. 2018 , 171, 40-54	14
1023	Reconfiguration of Cortical Networks in MDD Uncovered by Multiscale Community Detection with fMRI. 2018 , 28, 1383-1395	27
1022	Network connectivity determines cortical thinning in early Parkinson's disease progression. 2018 , 9, 12	113
1021	On the low dimensionality of behavioral deficits and alterations of brain network connectivity after focal injury. 2018 , 107, 229-237	37

1020 Decoding intentions of self and others from fMRI activity patterns. 2018 , 172, 278-290	6
Default mode network abnormalities in posttraumatic stress disorder: A novel network-restricted topology approach. 2018 , 176, 489-498	81
Multivariate machine learning distinguishes cross-network dynamic functional connectivity patterns in state and trait neuropathic pain. 2018 , 159, 1764-1776	29
1017 Network-specific sex differentiation of intrinsic brain function in males with autism. 2018 , 9, 17	33
From swing to cane: Sex differences of EEG resting-state temporal patterns during maturation and aging. 2018 , 31, 58-66	44
Application of Graph Theory to Assess Static and Dynamic Brain Connectivity: Approaches for Building Brain Graphs. 2018 , 106, 886-906	30
Fronto-Parietal Subnetworks Flexibility Compensates For Cognitive Decline Due To Mental Fatigue. 2018, 39, 3528-3545	17
Fronto-limbic dysconnectivity leads to impaired brain network controllability in young people with bipolar disorder and those at high genetic risk. 2018 , 19, 71-81	45
1012 Investigating the Elements of Thought. 2018 ,	2
Dynamic semantic cognition: Characterising coherent and controlled conceptual retrieval through time using magnetoencephalography and chronometric transcranial magnetic stimulation. 2018 , 103, 329-349	24
1010 Neural Origins of Self-Generated Thought. 2018 ,	0
1009 Electrophysiological Evidence for Attentional Decoupling during Mind-Wandering. 2018 ,	O
1008 The Neuroscience of Spontaneous Thought. 2018 ,	10
Simultaneous resting-state FDG-PET/fMRI in Alzheimer Disease: Relationship between glucose metabolism and intrinsic activity. 2018 , 176, 246-258	59
1006 Dynamic functional connectivity markers of objective trait mindfulness. 2018 , 176, 193-202	27
Differences in White Matter Microstructure and Connectivity in Nontreatment-Seeking Individuals with Alcohol Use Disorder. 2018 , 42, 889-896	10
Multi-Site Diagnostic Classification of Schizophrenia Using Discriminant Deep Learning with Functional Connectivity MRI. 2018 , 30, 74-85	107
1003 Adolescent Tuning of Association Cortex in Human Structural Brain Networks. 2018 , 28, 281-294	84

(2018-2018)

1002	psychosis. 2018 , 9, 1157	42
1001	Vascular-metabolic and GABAergic Inhibitory Correlates of Neural Variability Modulation. A Combined fMRI and PET Study. 2018 , 379, 142-151	3
1000	Mild cognitive impairment disrupts attention network connectivity in Parkinson's disease: A combined multimodal MRI and meta-analytical study. 2018 , 112, 105-115	21
999	Personalized Intrinsic Network Topography Mapping and Functional Connectivity Deficits in Autism Spectrum Disorder. 2018 , 84, 278-286	32
998	Mapping the changed hubs and corresponding functional connectivity in idiopathic restless legs syndrome. 2018 , 45, 132-139	19
997	Individual differences in decision making competence revealed by multivariate fMRI. 2018, 39, 2664-2672	12
996	Characterization of the hemodynamic response function across the majority of human cerebral cortex. 2018 , 173, 322-331	28
995	Individuals with more severe depression fail to sustain nucleus accumbens activity to preferred music over time. 2018 , 275, 21-27	16
994	Functional atlas of the awake rat brain: A neuroimaging study of rat brain specialization and integration. 2018 , 170, 95-112	40
993	Automated individual-level parcellation of Broca's region based on functional connectivity. 2018 , 170, 41-53	11
992	An emergent functional parcellation of the temporal cortex. 2018 , 170, 385-399	41
991	Brain-derived neurotrophic factor ValMet genotype and ovarian steroids interactively modulate working memory-related hippocampal function in women: a multimodal neuroimaging study. 2018 , 23, 1066-1075	18
990	Structural alterations within cerebellar circuitry are associated with general liability for common mental disorders. 2018 , 23, 1084-1090	63
989	Human brain mapping: A systematic comparison of parcellation methods for the human cerebral cortex. 2018 , 170, 5-30	177
988	Anomalous network architecture of the resting brain in children who stutter. 2018, 55, 46-67	31
987	Connectivity-based parcellation reveals distinct cortico-striatal connectivity fingerprints in Autism Spectrum Disorder. 2018 , 170, 412-423	37
986	The heterogeneity of the left dorsal premotor cortex evidenced by multimodal connectivity-based parcellation and functional characterization. 2018 , 170, 400-411	44
985	Topographic organization of the cerebral cortex and brain cartography. 2018 , 170, 332-347	95

984	A cross-validated cytoarchitectonic atlas of the human ventral visual stream. 2018, 170, 257-270	40
983	Biochemical, physiological and clinical effects of l-methylfolate in schizophrenia: a randomized controlled trial. 2018 , 23, 316-322	34
982	Dysfunction of Large-Scale Brain Networks in Schizophrenia: A Meta-analysis of Resting-State Functional Connectivity. 2018 , 44, 168-181	165
981	Task-related and resting-state fMRI identify distinct networks that preferentially support remembering the past and imagining the future. 2018 , 110, 180-189	18
980	Fine Subdivisions of the Semantic Network Supporting Social and Sensory-Motor Semantic Processing. 2018 , 28, 2699-2710	24
979	Cerebellar volume and cerebellocerebral structural covariance in schizophrenia: a multisite mega-analysis of 983 patients and 1349 healthy controls. 2018 , 23, 1512-1520	102
978	Developmental Changes in the Integration of Affective and Cognitive Corticostriatal Pathways are Associated with Reward-Driven Behavior. 2018 , 28, 2834-2845	17
977	Spatiotemporal Network Markers of Individual Variability in the Human Functional Connectome. 2018 , 28, 2922-2934	17
976	Connectopic mapping with resting-state fMRI. 2018 , 170, 83-94	109
975	Local-Global Parcellation of the Human Cerebral Cortex from Intrinsic Functional Connectivity MRI. 2018 , 28, 3095-3114	687
974	Functional parcellation using time courses of instantaneous connectivity. 2018, 170, 31-40	32
973	Electroencephalography Source Functional Connectivity Reveals Abnormal High-Frequency Communication Among Large-Scale Functional Networks in Depression. 2018 , 3, 50-58	30
972	Pregenual Anterior Cingulate Dysfunction Associated with Depression in OCD: An Integrated Multimodal fMRI/H MRS Study. 2018 , 43, 1146-1155	12
971	Differential Contributions of Default and Dorsal Attention Networks to Remembering Thoughts and External Stimuli From Real-Life Events. 2018 , 28, 4023-4035	9
970	High-alpha band synchronization across frontal, parietal and visual cortex mediates behavioral and neuronal effects of visuospatial attention. 2018 , 165, 222-237	62
969	Aerobic Fitness Explains Individual Differences in the Functional Brain Connectome of Healthy Young Adults. 2018 , 28, 3600-3609	28
968	Heritability of the human connectome: A connectotyping study. 2018 , 2, 175-199	52
96 7	Evaluating functional connectivity of executive control network and frontoparietal network in Alzheimer's disease. 2018 , 1678, 262-272	33

966	Structure-function relationships during segregated and integrated network states of human brain functional connectivity. 2018 , 223, 1091-1106	62
965	A multisample study of longitudinal changes in brain network architecture in 4-13-year-old children. 2018 , 39, 157-170	16
964	Dynamic Functional Connectivity States Reflecting Psychotic-like Experiences. 2018, 3, 443-453	27
963	Cortical cores in network dynamics. 2018 , 180, 370-382	58
962	The ENGAGE study: Integrating neuroimaging, virtual reality and smartphone sensing to understand self-regulation for managing depression and obesity in a precision medicine model. 2018 , 101, 58-70	19
961	Combining region- and network-level brain-behavior relationships in a structural equation model. 2018 , 165, 158-169	9
960	Disrupted engagement of networks supporting hot and cold cognition in remitted major depressive disorder. 2018 , 227, 183-191	14
959	Multimodal Investigation of Network Level Effects Using Intrinsic Functional Connectivity, Anatomical Covariance, and Structure-to-Function Correlations in Unmedicated Major Depressive Disorder. 2018 , 43, 1119-1127	43
958	Harmonic Brain Modes: A Unifying Framework for Linking Space and Time in Brain Dynamics. 2018 , 24, 277-293	44
957	Phase-synchronization-based parcellation of resting state fMRI signals reveals topographically organized clusters in early visual cortex. 2018 , 170, 424-433	4
956	A Dynamic Regression Approach for Frequency-Domain Partial Coherence and Causality Analysis of Functional Brain Networks. 2018 , 37, 1957-1969	5
955	Theories of Person Perception Predict Patterns of Neural Activity During Mentalizing. 2018 , 28, 3505-3520	34
954	An exemplar-based approach to individualized parcellation reveals the need for sex specific functional networks. 2018 , 170, 54-67	23
953	Greater cortical thickness within the limbic visceromotor network predicts higher levels of trait emotional awareness. 2018 , 57, 54-61	20
952	Resting-State Functional Connectivity of the Subthalamic Nucleus to Limbic, Associative, and Motor Networks. 2018 , 8, 22-32	5
951	Spinal Cord Injury Disrupts Resting-State Networks in the Human Brain. 2018 , 35, 864-873	30
950	Impact of 36 h of total sleep deprivation on resting-state dynamic functional connectivity. 2018 , 1688, 22-32	21
949	Functional connectivity based parcellation of early visual cortices. 2018 , 39, 1380-1390	11

948	Systematic overview of neuroanatomical differences in ADHD: Definitive evidence. 2018, 43, 52-68	7
947	Control networks and hubs. 2018 , 55, e13032	74
946	Dynamic Generative Model of the Human Brain in Resting-State. 2018 , 1271-1283	1
945	Preliminary evidence of the cerebellar role on cognitive performances in clinically isolated syndrome. 2018 , 385, 1-6	6
944	Disruption of network for visual perception of natural motion in primary dystonia. 2018, 39, 1163-1174	2
943	Individual variation in the propensity for prospective thought is associated with functional integration between visual and retrosplenial cortex. 2018 , 99, 224-234	10
942	Frontal Cortex and the Hierarchical Control of Behavior. 2018 , 22, 170-188	203
941	Interactive effects of seizure frequency and lateralization on intratemporal effective connectivity in temporal lobe epilepsy. 2018 , 59, 215-225	14
940	Functional integration across oscillation frequencies by cross-frequency phase synchronization. 2018 , 48, 2399-2406	41
939	Collective sparse symmetric non-negative matrix factorization for identifying overlapping communities in resting-state brain functional networks. 2018 , 166, 259-275	13
938	Insular subdivisions functional connectivity dysfunction within major depressive disorder. 2018 , 227, 280-288	27
937	Chronnectome fingerprinting: Identifying individuals and predicting higher cognitive functions using dynamic brain connectivity patterns. 2018 , 39, 902-915	103
936	Dynamic effective connectivity in resting state fMRI. 2018 , 180, 594-608	62
935	Prospective Validation That Subgenual Connectivity Predicts Antidepressant Efficacy of Transcranial Magnetic Stimulation Sites. 2018 , 84, 28-37	182
934	The dynamic characteristics of the anterior cingulate cortex in resting-state fMRI of patients with depression. 2018 , 227, 391-397	33
933	To create or to recall original ideas: Brain processes associated with the imagination of novel object uses. 2018 , 99, 93-102	43
932	Cerebellar Gray Matter Reductions Associate With Decreased Functional Connectivity in Nicotine-Dependent Individuals. 2018 , 20, 440-447	12
931	Cortical and Subcortical Contributions to Long-Term Memory-Guided Visuospatial Attention. 2018 , 28, 2935-2947	18

930	Task-based dynamic functional connectivity: Recent findings and open questions. 2018 , 180, 526-533	141
929	Cerebral abnormalities in Friedreich ataxia: A review. 2018 , 84, 394-406	33
928	Fluctuations between high- and low-modularity topology in time-resolved functional connectivity. 2018 , 180, 406-416	38
927	Principles for models of neural information processing. 2018 , 180, 101-109	26
926	Influences of Age, Sex, and Moderate Alcohol Drinking on the Intrinsic Functional Architecture of Adolescent Brains. 2018 , 28, 1049-1063	20
925	Functional Connectivity States of the Brain Using Restricted Boltzmann Machines. 2018,	
924	Changes in global and thalamic brain connectivity in LSD-induced altered states of consciousness are attributable to the 5-HT2A receptor. 2018 , 7,	115
923	Learned Spatial Schemas and Prospective Hippocampal Activity Support Navigation After One-Shot Learning. 2018 , 12, 486	7
922	Regional cerebral metabolism alterations affect resting-state functional connectivity in major depressive disorder. 2018 , 8, 910-924	18
921	Organizing principles of pulvino-cortical functional coupling in humans. 2018 , 9, 5382	17
921	Organizing principles of pulvino-cortical functional coupling in humans. 2018, 9, 5382 Who In? Who Out?. 2018,	0
920	Wholin? Wholi Out?. 2018,	0
920	Who In? Who I Out?. 2018, Functional gradients of the cerebellum. 2018, 7, -MAPS: from spatio-temporal data to a weighted and lagged network between functional domains.	0
920 919 918	Who In? Who Out?. 2018, Functional gradients of the cerebellum. 2018, 7, -MAPS: from spatio-temporal data to a weighted and lagged network between functional domains. 2018, 3, 21 Biased Competition Favoring Physical Over Emotional Pain: A Possible Explanation for the Link	o 158 7
920 919 918 917	Who In? Who Out?. 2018, Functional gradients of the cerebellum. 2018, 7, -MAPS: from spatio-temporal data to a weighted and lagged network between functional domains. 2018, 3, 21 Biased Competition Favoring Physical Over Emotional Pain: A Possible Explanation for the Link Between Early Adversity and Chronic Pain. 2018, 80, 880-890 Network Functional Architecture and Aberrant Functional Connectivity in Post-Traumatic Stress	o 158 7 29
920 919 918 917 916	Who In? Who Out?. 2018, Functional gradients of the cerebellum. 2018, 7, -MAPS: from spatio-temporal data to a weighted and lagged network between functional domains. 2018, 3, 21 Biased Competition Favoring Physical Over Emotional Pain: A Possible Explanation for the Link Between Early Adversity and Chronic Pain. 2018, 80, 880-890 Network Functional Architecture and Aberrant Functional Connectivity in Post-Traumatic Stress Disorder: A Clinical Application of Network Convergence. 2018, 8, 549-557	o 158 7 29

912	Causal Evidence for the Dependence of the Magnitude Effect on Dorsolateral Prefrontal Cortex. 2018 , 8, 16545	6
911	The Network Degeneration Hypothesis: Spread of Neurodegenerative Patterns Along Neuronal Brain Networks. 2018 , 59, 1645-1648	15
910	Increased Functional Connectivity After Listening to Favored Music in Adults With Alzheimer Dementia. 2019 , 6, 56-62	21
909	Cerebellar Contributions to Major Depression. 2018 , 9, 634	33
908	A Cybernetic Theory of Psychopathology. 2018 , 29, 117-138	77
907	Applying a network framework to the neurobiology of reading and dyslexia. 2018, 10, 37	26
906	Frequent lucid dreaming associated with increased functional connectivity between frontopolar cortex and temporoparietal association areas. 2018 , 8, 17798	14
905	Delayed feedback control of phase synchronisation in a neuronal network model. 2018 , 227, 1151-1160	3
904	Multilayer network switching rate predicts brain performance. 2018, 115, 13376-13381	73
903	Predictors of Attrition in Longitudinal Neuroimaging Research: Inhibitory Control, Head Movement, and Resting-State Functional Connectivity. 2018 , 8, 527-536	4
902	Alterations in Brain Network Topology and Structural-Functional Connectome Coupling Relate to Cognitive Impairment. 2018 , 10, 404	22
901	Predicting functional networks from region connectivity profiles in task-based versus resting-state fMRI data. 2018 , 13, e0207385	7
900	Multimodal Brain Parcellation Based on Functional and Anatomical Connectivity. 2018,	4
899	Striatal dopamine deficits predict reductions in striatal functional connectivity in major depression: a concurrent C-raclopride positron emission tomography and functional magnetic resonance imaging investigation. 2018 , 8, 264	30
898	Adolescent development of cortical oscillations: Power, phase, and support of cognitive maturation. 2018 , 16, e2004188	11
897	Evaluation of Differences in Temporal Synchrony Between Brain Regions in Individuals With Autism and Typical Development. 2018 , 1, e184777	20
896	Resting-state network connectivity in cognitively unimpaired drug-nalle patients with rigidity-dominant Parkinson's disease. 2018 , 395, 147-152	10
895	Cognitive control neuroimaging measures differentiate between those with and without future recurrence of depression. 2018 , 20, 1001-1009	17

894	Altered Functional Connectivity Observed at Rest in Children and Adolescents Prenatally Exposed to Alcohol. 2018 , 8, 503-515	8
893	Cognitive control and network disruption in remitted depression: a correlate of childhood adversity. 2018 , 13, 1081-1090	10
892	Neural reactivation in parietal cortex enhances memory for episodically linked information. 2018 , 115, 11084-11089	38
891	Executive functioning: perspectives on neurotrophic activity and pharmacology. 2018 , 29, 592-604	
890	Ketamine, but Not the NMDAR Antagonist Lanicemine, Increases Prefrontal Global Connectivity in Depressed Patients. 2018 , 2,	34
889	Comparison of fluctuations in global network topology of modeled and empirical brain functional connectivity. 2018 , 14, e1006497	12
888	A robust dissociation among the language, multiple demand, and default mode networks: Evidence from inter-region correlations in effect size. 2018 , 119, 501-511	40
887	Lesion network localization of free will. 2018 , 115, 10792-10797	59
886	The cortical structure of functional networks associated with age-related cognitive abilities in older adults. 2018 , 13, e0204280	2
885	The Relationship Between Resting State Network Connectivity and Individual Differences in Executive Functions. 2018 , 9, 1600	30
884	Representation of Real-World Event Schemas during Narrative Perception. 2018, 38, 9689-9699	112
883	The Neural Substrate of Reward Anticipation in Health: A Meta-Analysis of fMRI Findings in the Monetary Incentive Delay Task. 2018 , 28, 496-506	59
882	Molecular Imaging of the Cholinergic System in Parkinson's Disease. 2018 , 141, 211-250	27
881	Intranasal oxytocin and OXTR genotype effects on resting state functional connectivity: A systematic review. 2018 , 95, 17-32	16
880	Altered attention networks and DMN in refractory epilepsy: A resting-state functional and causal connectivity study. 2018 , 88, 81-86	20
879	Anatomical and microstructural determinants of hippocampal subfield functional connectome embedding. 2018 , 115, 10154-10159	111
878	Imaging-based parcellations of the human brain. 2018 , 19, 672-686	177
877	Functional Connectivity in Multiple Sclerosis: Recent Findings and Future Directions. 2018, 9, 828	34

876	Brain Functional Connectivity Plasticity Within and Beyond the Sensorimotor Network in Lower-Limb Amputees. 2018 , 12, 403	16
875	Topographic Cortico-cerebellar Networks Revealed by Visual Attention and Working Memory. 2018 , 28, 3364-3372.e5	50
874	Modulation of prefrontal connectivity in postherpetic neuralgia patients with chronic pain: a resting-state functional magnetic resonance-imaging study. 2018 , 11, 2131-2144	8
873	Spatial and Temporal Organization of the Individual Human Cerebellum. 2018 , 100, 977-993.e7	127
872	Development of human electrophysiological brain networks. <i>Journal of Neurophysiology</i> , 2018 , 120, 312 <u>3</u> - <u>3</u> 13	8 0 9
871	Functional Parcellation of the Cerebral Cortex Across the Human Adult Lifespan. 2018 , 28, 4403-4423	18
870	Direct Cortical Recordings Suggest Temporal Order of Task-Evoked Responses in Human Dorsal Attention and Default Networks. 2018 , 38, 10305-10313	16
869	Neural Mechanisms Linking Emotion with Cardiovascular Disease. 2018, 20, 128	23
868	Whether Visual-related Structural and Functional Changes Occur in Brain of Patients with Acute Incomplete Cervical Cord Injury: A Multimodal Based MRI Study. 2018 , 393, 284-294	10
867	Spatial brain networks. 2018 , 19, 253-264	4
866	Abnormal Global Functional Connectivity Patterns in Medication-Free Major Depressive Disorder. 2018 , 12, 692	6
865	A neuro-cognitive process model of emotional intelligence. 2018 , 139, 131-151	21
864	Weighted Stochastic Block Models of the Human Connectome across the Life Span. 2018 , 8, 12997	44
863	Process-Specific Alliances (PSAs) in Cognitive Neuroscience. 2018 , 22, 996-1010	14
862	Intranasal oxytocin in rhesus monkeys alters brain networks that detect social salience and reward. 2018 , 80, e22915	9
861	Large-scale functional networks connect differently for processing words and symbol strings. 2018 , 13, e0196773	4
860	Task-Evoked Negative BOLD Response in the Default Mode Network Does Not Alter Its Functional Connectivity. 2018 , 12, 67	4
859	Multi-modal Brain Tensor Factorization: Preliminary Results with AD Patients. 2018 , 29-37	1

858	Dedifferentiation of caudate functional connectivity and striatal dopamine transporter density predict memory change in normal aging. 2018 , 115, 10160-10165	27
857	A Graph Representation and Similarity Measure for Brain Networks with Nodal Features. 2018 , 14-23	2
856	Topological Data Analysis of Functional MRI Connectivity in Time and Space Domains. 2018 , 11083, 67-77	11
855	Brain and psychological determinants of placebo pill response in chronic pain patients. 2018 , 9, 3397	52
854	Topology of brain functional connectivity networks in posttraumatic stress disorder. 2018 , 20, 1658-1675	5
853	Characterizing the functional connectivity diversity of the insula cortex: Subregions, diversity curves and behavior. 2018 , 183, 716-733	36
852	Functional dissociation of the inferior frontal junction from the dorsal attention network in top-down attentional control. <i>Journal of Neurophysiology</i> , 2018 , 120, 2498-2512	15
851	What if? Neural activity underlying semantic and episodic counterfactual thinking. 2018 , 178, 332-345	11
850	Stimuli-Responsive Neuronal Networking via Removable Alginate Masks. 2018 , 2, 1800030	7
849	Short timescale abnormalities in the states of spontaneous synchrony in the functional neural networks in Alzheimer's disease. 2018 , 20, 128-152	18
848	Mapping hybrid functional-structural connectivity traits in the human connectome. 2018 , 2, 306-322	48
847	Accurate nonlinear mapping between MNI volumetric and FreeSurfer surface coordinate systems. 2018 , 39, 3793-3808	34
846	Information processing speed in multiple sclerosis: Relevance of default mode network dynamics. 2018 , 19, 507-515	34
845	Association of acute depressive symptoms and functional connectivity of emotional processing regions following sport-related concussion. 2018 , 19, 434-442	10
844	The quest for identifiability in human functional connectomes. 2018 , 8, 8254	94
843	Normative brain size variation and brain shape diversity in humans. 2018 , 360, 1222-1227	117
842	Nicotine normalizes cortico-striatal connectivity in non-smoking individuals with major depressive disorder. 2018 , 43, 2445-2451	19
841	On testing for spatial correspondence between maps of human brain structure and function. 2018 , 178, 540-551	162

840	Striatal subdivisions that coherently interact with multiple cerebrocortical networks. 2018 , 39, 4349-4359	13
839	Episodic memory and executive functions in cognitively healthy individuals display distinct neuroanatomical correlates which are differentially modulated by aging. 2018 , 39, 4565-4579	22
838	Baseline biomarkers of connectome disruption and atrophy predict future processing speed in early multiple sclerosis. 2018 , 19, 417-424	18
837	Test-retest variability of resting-state networks in healthy aging and prodromal Alzheimer's disease. 2018 , 19, 948-962	16
836	The fronto-insular cortex causally mediates the default-mode and central-executive networks to contribute to individual cognitive performance in healthy elderly. 2018 , 39, 4302-4311	18
835	Statistical harmonization corrects site effects in functional connectivity measurements from multi-site fMRI data. 2018 , 39, 4213-4227	117
834	A computational model of shared fine-scale structure in the human connectome. 2018 , 14, e1006120	45
833	The relationship between spatial configuration and functional connectivity of brain regions. 2018 , 7,	105
832	Longitudinal fMRI study of language recovery after a left hemispheric ischemic stroke. 2018, 36, 359-385	16
831	Higher levels of trait emotional awareness are associated with more efficient global information integration throughout the brain: a graph-theoretic analysis of resting state functional connectivity. 2018 , 13, 665-675	16
830	Integration of resting state functional MRI into clinical practice - A large single institution experience. 2018 , 13, e0198349	37
829	Disruption, emergence and lateralization of brain network hubs in mesial temporal lobe epilepsy. 2018 , 20, 71-84	24
828	Localizing parkinsonism based on focal brain lesions. 2018 , 141, 2445-2456	68
827	Differential patterns of age-related cortical and subcortical functional connectivity in 6-to-10 year old children: A connectome-wide association study. 2018 , 8, e01031	7
826	Correlation in brain networks at different time scale resolution. 2018 , 28, 063127	9
825	Subgraphs of functional brain networks identify dynamical constraints of cognitive control. 2018 , 14, e1006234	14
824	The Triple Network Model, Insight, and Large-Scale Brain Organization in Autism. 2018, 84, 236-238	14
823	Decreased resting-state brain signal complexity in patients with mild cognitive impairment and Alzheimer's disease: a multiscale entropy analysis. 2018 , 9, 1916-1929	31

822	Spread of activity following TMS is related to intrinsic resting connectivity to the salience network: A concurrent TMS-fMRI study. 2018 , 108, 160-172	19
821	Linked dimensions of psychopathology and connectivity in functional brain networks. 2018 , 9, 3003	169
820	Neurobehavioral Mechanisms of Resilience Against Emotional Distress: An Integrative Brain-Personality-Symptom Approach Using Structural Equation Modeling. 2018 , 1, e8	9
819	Prediction of individualized task activation in sensory modality-selective frontal cortex with 'connectome fingerprinting'. 2018 , 183, 173-185	16
818	Growing a social brain. 2018 , 2, 624-636	136
817	Brain network profiling defines functionally specialized cortical networks. 2018 , 39, 4689-4706	6
816	A domain-general brain network underlying emotional and cognitive interference processing: evidence from coordinate-based and functional connectivity meta-analyses. 2018 , 223, 3813-3840	29
815	Differential engagement of cognitive control regions and subgenual cingulate based upon presence or absence of comorbid anxiety with depression. 2018 , 241, 371-380	6
814	Disrupted Spontaneous Neural Activity Related to Cognitive Impairment in Postpartum Women. 2018 , 9, 624	17
813	Reliability, Convergent Validity and Time Invariance of Default Mode Network Deviations in Early Adult Major Depressive Disorder. 2018 , 9, 244	18
812	Parietal Representations of Stimulus Features Are Amplified during Memory Retrieval and Flexibly Aligned with Top-Down Goals. 2018 , 38, 7809-7821	28
811	Resting-state functional connectivity of subcortical locomotor centers explains variance in walking capacity. 2018 , 39, 4831-4843	12
810	Global and Subnetwork Changes of the Structural Connectome in de novo Parkinson's Disease. 2018 , 386, 295-308	19
809	Functional neuroanatomy of peripheral inflammatory physiology: A meta-analysis of human neuroimaging studies. 2018 , 94, 76-92	63
808	Representation, Pattern Information, and Brain Signatures: From Neurons to Neuroimaging. 2018 , 99, 257-273	84
807	Toward an integrative perspective on the neural mechanisms underlying persistent maladaptive behaviors. 2018 , 48, 1870-1883	10
806	Combinatory Biomarker Use of Cortical Thickness, MUNIX, and ALSFRS-R at Baseline and in Longitudinal Courses of Individual Patients With Amyotrophic Lateral Sclerosis. 2018 , 9, 614	7
805	Multiple Frequency Bands Analysis of Large Scale Intrinsic Brain Networks and Its Application in Schizotypal Personality Disorder. 2018 , 12, 64	8

804	Using temporal ICA to selectively remove global noise while preserving global signal in functional MRI data. 2018 , 181, 692-717	155
803	Aging and Network Properties: Stability Over Time and Links with Learning during Working Memory Training. 2017 , 9, 419	34
802	Effects of Multi-Session Repetitive Transcranial Magnetic Stimulation on Motor Control and Spontaneous Brain Activity in Multiple System Atrophy: A Pilot Study. 2018 , 12, 90	10
801	Left-Lateralized Contributions of Saccades to Cortical Activity During a One-Back Word Recognition Task. 2018 , 12, 38	1
800	Network Analysis in Disorders of Consciousness: Four Problems and One Proposed Solution (Exponential Random Graph Models). 2018 , 9, 439	11
799	Distinctive Correspondence Between Separable Visual Attention Functions and Intrinsic Brain Networks. 2018 , 12, 89	8
798	Whole Brain Functional Connectivity Pattern Homogeneity Mapping. 2018, 12, 164	9
797	Generation of Individual Whole-Brain Atlases With Resting-State fMRI Data Using Simultaneous Graph Computation and Parcellation. 2018 , 12, 166	3
796	Study of Resting-State Functional Connectivity Networks Using EEG Electrodes Position As Seed. 2018 , 12, 235	34
795	Cortical Statistical Correlation Tomography of EEG Resting State Networks. 2018 , 12, 365	10
794	Cerebellar and prefrontal cortical alterations in PTSD: structural and functional evidence. 2018, 2,	26
793	Network Approaches to Understand Individual Differences in Brain Connectivity: Opportunities for Personality Neuroscience. 2018 , 1,	20
792	Intrinsic overlapping modular organization of human brain functional networks revealed by a multiobjective evolutionary algorithm. 2018 , 181, 430-445	9
791	Shared endo-phenotypes of default mode dsfunction in attention deficit/hyperactivity disorder and autism spectrum disorder. 2018 , 8, 133	42
790	The structural basis of semantic control: Evidence from individual differences in cortical thickness. 2018 , 181, 480-489	17
789	Aberrant Cortical Integration in First-Episode Psychosis During Natural Audiovisual Processing. 2018 , 84, 655-664	13
788	Using Neuroimaging to Develop Mood Disorder Diagnostic Biomarkers: A Good Forward Step and Some Considerations. 2018 , 3, 411-413	2
787	Patterns of thought: Population variation in the associations between large-scale network organisation and self-reported experiences at rest. 2018 , 176, 518-527	27

786	Affective neuroscience of self-generated thought. 2018 , 1426, 25	39
785	Network-based approaches to examining stress in the adolescent brain. 2018 , 8, 147-157	13
784	Connectivity networks in gambling disorder: a resting-state fMRI study. 2018 , 18, 242-258	3
783	Exploring collective experience in watching dance through intersubject correlation and functional connectivity of fMRI brain activity. 2018 , 237, 373-397	6
782	Connectivity patterns in cognitive control networks predict naturalistic multitasking ability. 2018 , 114, 195-202	5
781	Effects of exercise on gait and motor imagery in people with Parkinson disease and freezing of gait. 2018 , 53, 89-95	22
780	The neural basis of motivational influences on cognitive control. 2018 , 39, 5097-5111	28
779	Large-scale dynamic modeling of task-fMRI signals via subspace system identification. 2018 , 15, 066016	11
778	A distributed brain network predicts general intelligence from resting-state human neuroimaging data. 2018 , 373,	126
777	Task-evoked functional connectivity does not explain functional connectivity differences between rest and task conditions. 2018 , 39, 4939-4948	20
776	Scale-invariant rearrangement of resting state networks in the human brain under sustained stimulation. 2018 , 179, 570-581	7
775	Local temporal variability reflects functional integration in the human brain. 2018 , 183, 776-787	32
774	Atrophy in Distributed Networks Predicts Cognition in Alzheimer's Disease and Type 2 Diabetes. 2018 , 65, 1301-1312	8
773	Investigating the Brain Neural Mechanism when Signature Objects were Masked during a Scene Categorization Task using Functional MRI. 2018 , 388, 248-262	2
772	The Neuroscience of Creative Idea Generation. 2018 , 31-48	10
771	Colloquium: Control of dynamics in brain networks. 2018 , 90,	55
770	Synchronization within, and interactions between, the default mode and dorsal attention networks in relapsing-remitting multiple sclerosis. 2018 , 14, 1241-1252	7
769	Three Distinct Sets of Connector Hubs Integrate Human Brain Function. 2018 , 24, 1687-1695.e4	62

768	Reliable individual differences in fine-grained cortical functional architecture. 2018, 183, 375-386	34
767	Compromised prefrontal structure and function are associated with slower walking in older adults. 2018 , 20, 620-626	11
766	Brain-computer-interface-based intervention re-normalizes brain functional network topology in children with attention deficit/hyperactivity disorder. 2018 , 8, 149	25
765	Modulation of network-to-network connectivity via spike-timing-dependent noninvasive brain stimulation. 2018 , 39, 4870-4883	23
764	Pairing neutral cues with alcohol intoxication: new findings in executive and attention networks. 2018 , 235, 2725-2737	7
763	Sustained versus instantaneous connectivity differentiates cognitive functions of processing speed and episodic memory. 2018 , 39, 4949-4961	6
762	BRANT: A Versatile and Extendable Resting-State fMRI Toolkit. 2018 , 12, 52	26
761	Neuroanatomical Correlates of the Unity and Diversity Model of Executive Function in Young Adults. 2018 , 12, 283	11
760	Functional coherence of striatal resting-state networks is modulated by striatal iron content. 2018 , 183, 495-503	21
759	Parcellating Cerebral Cortex: How Invasive Animal Studies Inform Noninvasive Mapmaking in Humans. 2018 , 99, 640-663	62
75 ⁸	Intrinsic functional neurocircuitry associated with treatment response to transdiagnostic CBT in bipolar disorder with anxiety. 2018 , 238, 383-391	8
757	Increased posterior cingulate cortex efficiency may predict cognitive impairment in asymptomatic HIV patients. 2018 , 31, 372-378	6
756	Scaling of human brain size. 2018 , 360, 1184-1185	16
755	Brain basis of cognitive resilience: Prefrontal cortex predicts better reading comprehension in relation to decoding. 2018 , 13, e0198791	14
754	The Neuroimaging of Brain Diseases. 2018 ,	
753	Clinical Utility of Resting State Functional MRI. 2018 , 59-79	O
75 ²	Microarchitecture and connectivity of the parietal lobe. 2018, 151, 53-72	17
75 ¹	The role of the parietal cortex in sensorimotor transformations and action coding. 2018 , 151, 467-479	7

750	Topography of the cerebellum in relation to social brain regions and emotions. 2018, 154, 71-84	34
749	Individual differences in aesthetic engagement are reflected in resting-state fMRI connectivity: Implications for stress resilience. 2018 , 179, 156-165	12
748	Scholastic performance and functional connectivity of brain networks in children. 2018 , 13, e0190073	14
747	Evaluating the impact of fast-fMRI on dynamic functional connectivity in an event-based paradigm. 2018 , 13, e0190480	13
746	Hippocampal-targeted Theta-burst Stimulation Enhances Associative Memory Formation. 2018, 30, 1452-147	2 56
745	Parallel trends in cortical gray and white matter architecture and connections in primates allow fine study of pathways in humans and reveal network disruptions in autism. 2018 , 16, e2004559	30
744	Disrupted functional network integrity and flexibility after stroke: Relation to motor impairments. 2018 , 19, 883-891	18
743	State and Trait Anxiety Share Common Network Topological Mechanisms of Human Brain. 16,	O
742	Mapping Inter-individual Functional Connectivity Variability in TMS Targets for Major Depressive Disorder. 13,	1
741	Reorganized hubs of brain functional networks following acute mild traumatic brain injury.	O
740	A Functional Connectome of Parkinson's Disease Patients Prior to Deep Brain Stimulation: A Tool for Disease-Specific Connectivity Analyses. 16,	1
739	Abnormal Ventral Somatomotor Network Homogeneity in Patients With Temporal Lobe Epilepsy. 13,	О
738	Temporal Dynamics of Resting-state Functional Networks and Cognitive Functioning following Systemic Treatment for Breast Cancer.	
737	Similar functional networks predict performance in both perceptual and value-based decision tasks.	
736	Common and Distinct Neural Patterns of Attention-Deficit/Hyperactivity Disorder and Borderline Personality Disorder: A Multimodal Functional and Structural Meta-analysis. 2022 ,	O
735	Deep learning models of cognitive processes constrained by human brain connectomes. 2022 , 80, 102507	O
734	Anterior insula as a gatekeeper of executive control. 2022 , 139, 104736	1
733	Arousal impacts distributed hubs modulating the integration of brain functional connectivity. 2022 , 258, 119364	O

732 Dynamic Causal Modelling of Hierarchical Planning. **2022**, 258, 119384

731	The natural frequencies of the resting human brain: An MEG-based atlas. 2022 , 258, 119373	O
730	Functional Connectivity of Cortical Resting-State Networks is Differentially Affected by Rest Conditions.	
729	Communities and Cliques in Functional Brain Network Using Multiscale Consensus Approach. 2022 , 1-1	
728	The potential shared brain functional alterations between adults with ADHD and children with ADHD co-occurred with disruptive behaviors. 2022 , 16,	О
727	A randomized trial predicting response to cognitive rehabilitation in multiple sclerosis: Is there a window of opportunity?. 135245852211031	O
726	Functional coupling between frontoparietal control subnetworks bridges the default and dorsal attention networks.	О
7 2 5	Structural integrity of the anterior mid-cingulate cortex contributes to resilience to delirium in SuperAging. 2022 , 4,	Ο
724	Altered Functional Network Connectivity of Precuneus and Executive Control Networks in Type 2 Diabetes Mellitus Without Cognitive Impairment. 16,	О
723	Genotypic effects of APOE-4 on resting-state connectivity in cognitively intact individuals support functional brain compensation.	Ο
722	The Differential Effects of Adiposity and Fitness on Functional Connectivity in Preadolescent Children. Publish Ahead of Print,	О
721	Comparing neural activity during autobiographical memory retrieval between younger and older adults: An ALE meta-analysis. 2022 ,	1
720	A guided multiverse study of neuroimaging analyses. 2022 , 13,	1
719	Targeting Affective Mood Disorders With Ketamine to Prevent Chronic Postsurgical Pain. 3,	
718	PhiPipe: a multi-modal MRI data processing pipeline with test-retest reliability and predicative validity assessments.	
717	Intrinsic Functional Connectivity in the Default Mode Network Differentiates the Combined and Inattentive Attention Deficit Hyperactivity Disorder Types. 16,	О
716	Effects of a randomised trial of 5-week heart rate variability biofeedback intervention on mind wandering and associated brain function.	
715	Affective Enhancement of Episodic Memory Is Associated With Widespread Patterns of Intrinsic Functional Connectivity in the Brain Across the Adult Lifespan. 16,	

714	Cytoarchitectonic, receptor distribution and functional connectivity analyses of the macaque frontal lobe.	О
713	Amyloid, tau and metabolic PET correlates of cognition in early and late-onset Alzheimer disease.	Ο
712	Comparison of Sensory Observation and Somatosensory Stimulation in Mirror Neurons and the Sensorimotor Network: A Task-Based fMRI Study. 13,	0
711	Dynamic and stationary brain connectivity during movie watching as revealed by functional MRI.	
710	Individual-level Functional Connectivity Predicts Cognitive Control Efficiency.	
709	Proportional intracranial volume correction differentially biases behavioral predictions across neuroanatomical features, sexes, and development. 2022 , 119485	0
708	Brain Network Architecture Constrains Age-related Cortical Thinning.	
707	Structural and Functional Brain Connectivity Uniquely Contribute to Episodic Memory Performance in Older Adults. 14,	
706	Altered resting-state functional connectivity of default mode network in brachioradial pruritus.	Ο
705	The age of reason: Functional brain network development during childhood.	
704	Mechanical vibration modulates regional cerebral blood flow and biomechanical co-variance network in a frequency-dependent manner.	
703	Thalamocortical contribution to cognitive task activity.	Ο
702	Damage to temporoparietal cortex is sufficient for impaired semantic control. 2022,	0
701	Epilepsy disrupts hippocampal phase precision and impairs working memory.	1
700	Altered resting-state neural networks in children and adolescents with functional neurological disorder. 2022 , 103110	1
699	Applications of advanced MRI to disorders of consciousness.	O
698	Mapping Pharmacologically-induced Functional Reorganisation onto the Brain Neurotransmitter Landscape.	
697	Predicting Escitalopram Treatment Response from Pre-treatment and Early Response Resting State fMRI in a Multi-site Sample: A CAN-BIND-1 Report. 2022 , 103120	0

696	Resting-State Brain Variability in Youth With Attention-Deficit/Hyperactivity Disorder. 13,	1
695	Shared and distinct structure-function substrates of heterogenous distractor suppression ability between high and low working memory capacity individuals. 2022 , 119483	O
694	Identification of Young High-Functioning Autism Individuals Based on Functional Connectome Using Graph Isomorphism Network: A Pilot Study. 2022 , 12, 883	О
693	Pattern of frustration formation in the functional brain network. 1-43	
692	The specificity of different-distance connections in human structural connectomes.	
691	BOLD cofluctuation EventsDare predicted from static functional connectivity. 2022 , 119476	O
690	Augmented Pain-Evoked Primary Sensorimotor Cortex Activation in Adolescent Girls with Juvenile Fibromyalgia.	
689	Adolescent development of multiscale structural wiring and functional interactions in the human connectome. 2022 , 119,	O
688	Mapping lesion, structural disconnection, and functional disconnection to symptoms in semantic aphasia.	O
687	Lesion network mapping for symptom localization: recent developments and future directions. Publish Ahead of Print,	1
686	The Structured Mind at Rest: Low-Frequency Oscillations Reflect Interactive Dynamics Between Spontaneous Brain Activity and a Common Architecture for Task Control. 16,	O
685	Local and Distributed fMRI Changes Induced by 40 Hz Gamma tACS of the Bilateral Dorsolateral Prefrontal Cortex: A Pilot Study. 2022 , 2022, 1-14	
684	Altered Functional Connectivity and Topological Organization of Brain Networks Correlate to Cognitive Impairments After Sleep Deprivation. Volume 14, 1285-1297	O
683	Clinical Decision on Disorders of Consciousness After Acquired Brain Injury: Stepping Forward.	1
682	Psilocybin-induced reduction in chronic cluster headache attack frequency correlates with changes in hypothalamic functional connectivity.	
681	The rostral zona incerta: a subcortical integrative hub and potential DBS target for OCD.	
680	Bayesian network mediation analysis with application to the brain functional connectome.	
679	Packetization improves communication efficiency in brain networks with rapid and cost-effective propagation strategies.	O

678	Synchronous high-amplitude co-fluctuations of functional brain networks during movie-watching.		О
677	Oscillatory mechanisms of intrinsic brain networks.		
676	Enhanced brain structure-function tethering in transmodal cortex revealed by high-frequency eigenmodes.		
675	Left and right temporal-parietal junctions (TPJs) as thatch/mismatchthedonic machines: A unifying account of TPJ function. 2022 ,		O
674	Cofluctuation analysis reveals aberrant default mode network patterns in adolescents and youths with autism spectrum disorder.		
673	Evaluation of functional MRI-based human brain parcellation: a review. <i>Journal of Neurophysiology</i> , 2022 , 128, 197-217	3.2	Ο
672	Meta-analytic evidence that mindfulness training alters resting state default mode network connectivity. 2022 , 12,		0
671	Evaluating the efficacy of multi-echo ICA denoising on model-based fMRI.		
670	Crossmodal reorganization in deaf auditory cortices compensates for the impaired body-centered visuomotor transformation after early deafness.		
669	What do neuroanatomical networks reveal about the ontology of human cognitive abilities?. 2022 , 25, 104706		
668	Reproducibility and repeatability of magnetic resonance imaging in dementia. 2022, 101, 8-17		0
667	Real-time neurofeedback to alter interpretations of a naturalistic narrative. 2022 , 2, 100111		
666	The effect of transcranial direct current stimulation on the interplay between executive control, behavioral variability and mind wandering: A registered report. 2022 , 2, 100109		
665	Act natural: Functional connectivity from naturalistic stimuli fMRI outperforms resting-state in predicting brain activity. 2022 , 258, 119359		1
664	Charting the dorsal-medial functional gradient of the default mode network in major depressive disorder. 2022 , 153, 1-10		0
663	Metastability, fractal scaling, and synergistic information processing: What phase relationships reveal about intrinsic brain activity. 2022 , 259, 119433		Ο
662	Spatiotemporal dynamics of EEG microstates in four- to eight-year-old children: Age- and sex-related effects. 2022 , 57, 101134		0
661	Alpha power during task performance predicts individual language comprehension. 2022 , 260, 119449		О

660	Differential effects of prediction error and adaptation along the auditory cortical hierarchy during deviance processing. 2022 , 259, 119445	O
659	Patients with Parkinson's disease and a history of falls have decreased cerebellar grey matter volumes in the cognitive cerebellum. 2022 ,	
658	Identification of metabolic correlates of mild cognitive impairment in Parkinson's disease using magnetic resonance spectroscopic imaging and machine learning.	
657	Subthalamic deep brain stimulation for refractory Gilles de la Tourettell syndrome: clinical outcome and functional connectivity.	0
656	Contrasting Frontoparietal Network Connectivity in Antipsychotic Medication-Naive First-Episode Psychosis Patients Who Do and Do Not Display Features of the Deficit Syndrome.	
655	Structural disconnection and functional reorganization in Fabry disease: a multimodal MRI study. 2022 , 4,	O
654	Decoding transcriptional signatures of the association between free water and macroscale organizations in healthy adolescents. 2022 , 119514	
653	Resting-state functional MRI for motor cortex mapping in childhood-onset focal epilepsy.	0
652	Pre-COVID Brain Functional Connectome Features Prospectively Predict Emergence of Distress Symptoms After Onset of the COVID-19 Pandemic. 1-38	0
651	Mapping correlated neurological deficits after stroke to distributed brain networks.	0
650	Brain-based Lifespan Trajectories of Social Cognition: From Resting-state fMRI Perspective.	
649	A Goldilocks theory of cognitive control: Balancing precision and efficiency with low-dimensional control states. 2022 , 76, 102606	2
648	Altered brain network topology in children with auditory processing disorder: A resting-state multi-echo fMRI study. 2022 , 35, 103139	0
647	Characterization of the angular gyrus in an older adult population: a multimodal multilevel approach.	0
646	Electrical stimulation mapping in the medial prefrontal cortex induced auditory hallucinations of episodic memory: A case report. 16,	O
645	A parsimonious description of global functional brain organization in three spatiotemporal patterns. 2022 , 25, 1093-1103	0
644	Altered insular functional connectivity correlates to impaired vigilant attention after sleep deprivation: A resting-state functional magnetic resonance imaging study. 16,	1
643	Default mode network mediates low-frequency fluctuations in brain activity and behavior during sustained attention.	

642	Revealing the Neurobiology Underlying Interpersonal Neural Synchronization with Multimodal Data Fusion.	
641	Mindfulness training changes brain dynamics during depressive rumination: A randomized controlled trial 2022 ,	Ο
640	Sex differences in default mode network connectivity in healthy aging adults.	
639	?????????????. 2022,	
638	Predicting memory from the network structure of naturalistic events. 2022, 13,	O
637	The New Zealand Genetic Frontotemporal Dementia Study (FTDGeNZ): a longitudinal study of pre-symptomatic biomarkers. 1-21	
636	The altered intrinsic functional connectivity after acupuncture at shenmen (HT7) in acute sleep deprivation. 13,	0
635	Closing the mechanistic gap: the value of microarchitecture in understanding cognitive networks. 2022 ,	1
634	Direct intracranial recordings in the human angular gyrus during arithmetic processing.	0
633	Transcriptional substrates underlying functional connectivity profiles of subregions within the human sensorimotor cortex.	1
632	Task-based functional connectivity of the Useful Field of View (UFOV) fMRI task.	
631	EEG resting-state functional connectivity: evidence for an imbalance of external/internal information integration in autism. 2022 , 14,	Ο
630	Network Effects of Brain Lesions Causing Central Poststroke Pain.	
629	Goal-specific brain MRI harmonization. 2022 , 119570	O
628	Mapping developmental regionalization and patterns of cortical surface area from 29 post-menstrual weeks to 2 years of age. 2022 , 119,	0
627	Local Functional Connectivity as a Parsimonious Explanation of the Main Frameworks for ADHD in Medication-NaWe Adults. 2022 , 26, 1563-1575	
626	Global multi-center and multi-modal magnetic resonance imaging study of obsessive-compulsive disorder: Harmonization and monitoring of protocols in healthy volunteers and phantoms.	
625	Right anterior insula effective connectivity impairs intrinsic BOLD fluctuations in dorsal attention network in adolescents and young adults with borderline personality symptoms.	

624	Disrupted Spontaneous Neural Activity and Its Interaction With Pain and Emotion in Temporomandibular Disorders. 16,	Ο
623	Common and differential neural mechanisms underlying mood disorders.	
622	Modulation of brain activity by psycholinguistic information during naturalistic speech comprehension and production. 2022 ,	1
621	Task matters: individual MEG signatures from naturalistic and neurophysiological brain states.	
620	Personality similarity predicts synchronous neural responses in fMRI and EEG data. 2022, 12,	1
619	Interrelating differences in structural and functional connectivity in the older adult's brain.	1
618	The dual-loop model for combining external and internal worlds in our brain. 2022, 119583	1
617	The Entangled Brain. 1-12	5
616	Resting State Functional Connectivity Demonstrates Increased Segregation in Bilateral Temporal Lobe Epilepsy.	0
615	Modulation of cortical resting state functional connectivity during a visuospatial attention task in Parkinson's disease. 13,	O
614	Bringing language to dynamic brain states: the default network dominates neural responses to evolving movie stories.	
613	Sex differences in the functional topography of association networks in youth. 2022 , 119,	O
612	Neuromodulation of OCD: A review of invasive and non-invasive methods. 13,	1
611	Comparing Deep Learning Models for Age Prediction Based on the Resting State fMRI Dataset from the ${f B}$ rain Dock ${f B}$ ervice in Japan.	
610	Atypical Functional Network Properties and Associated Dimensions of Youth Psychopathology During Rest and Task Performance. 2022 ,	
609	Precision dynamical mapping using topological data analysis reveals a hub-like transition state at rest. 2022 , 13,	O
608	Brain functional connectivity differences between responders and non-responders to sleeve gastrectomy.	
607	Genome-Transcriptome-Functional Connectivity-Cognition Link Differentiates Schizophrenia From Bipolar Disorder.	

606	Brain architecture-based vulnerability to traumatic injury. 10,	O
605	Targeting default mode network connectivity with mindfulness-based fMRI neurofeedback: A pilot study among adolescents with affective disorder history.	
604	NEUROTRANSMITTER TRANSPORTER/RECEPTOR CO-EXPRESSION SHARES ORGANIZATIONAL TRAITS WITH BRAIN STRUCTURE AND FUNCTION.	0
603	Associations between regular cannabis use and brain resting-state functional connectivity in adolescents and adults.	
602	The enigma of infra-slow fluctuations in the human EEG. 16,	
601	Distinct neural activation patterns of age in subcomponents of inhibitory control: A fMRI meta-analysis. 14,	
600	Functional neuroimaging in psychiatry and the case for failing better. 2022, 110, 2524-2544	2
599	Comparison of Functional Connectivity Analysis Methods in Alzheimer Disease. 2022 , 12, 8096	
598	Processing of Different Social Scales in the Human Brain.	
597	Human electromagnetic and haemodynamic networks systematically converge in unimodal cortex and diverge in transmodal cortex. 2022 , 20, e3001735	1
596	Local molecular and global connectomic contributions to cross-disorder cortical abnormalities. 2022 , 13,	O
595	State-dependent tDCS modulation of the somatomotor network: a MEG study. 2022 ,	
594	Brainphenotype models fail for individuals who defy sample stereotypes.	1
593	Schizophrenia polygenic risk during typical development reflects multiscale cortical organization. 2022 ,	O
592	MRI clustering reveals three ALS subtypes with unique neurodegeneration patterns.	1
591	The organization of individually mapped structural and functional semantic networks in aging adults. 2022 , 227, 2513-2527	O
590	MRI markers of brain network integrity relate to neurological outcome in postanoxic coma. 2022 , 103171	O
589	Sleep loss leads to the withdrawal of human helping across individuals, groups, and large-scale societies. 2022 , 20, e3001733	O

588	Genetic polymorphisms in COMT and BDNF influence synchronization dynamics of human neuronal oscillations. 2022 , 104985	0
587	Deep Representations for Time-varying Brain Datasets. 2022 ,	
586	Metabolic demands of the posteromedial default mode network are shaped by dorsal attention and frontoparietal control networks.	
585	Multiple spatial scale mapping of time-resolved brain network reconfiguration during evoked pain in patients with rheumatoid arthritis. 16,	
584	Functional brain connectivity prior to the COVID-19 outbreak moderates the effects of coping and perceived stress on mental health changes. A first year of COVID-19 pandemic follow-up study 2022 ,	1
583	Internal states as a source of subject-dependent movement variability and their representation by large-scale networks.	
582	Mindfulness meditation increases default mode, salience, and central executive network connectivity. 2022 , 12,	
581	Widespread aberrant functional connectivity throughout the whole brain in obstructive sleep apnea. 16,	
580	Alteration of brain functional networks induced by electroacupuncture stimulation in rats with ischemia Deperfusion: An independent component analysis. 16,	
579	Parcellating the human brain using resting-state dynamic functional connectivity.	O
578	Prefrontal reactivity to TMS perturbation as a toy model of mental health outcomes during the COVID-19 pandemic. 2022 , 8, e10208	
577	Explicit and Implicit Emotion Processing in the Cerebellum: A Meta-analysis and Systematic Review.	O
576	Accurate localization and coactivation profiles of the FEF and IFJ: an ALE and MACM fMRI meta-analysis.	0
575	Eine Läke, die es zu schließn gilt: Die Untersuchung sozial-kognitiver Fßigkeiten an deutschsprachigen Memory-Kliniken. 2022 , 33, 129-137	O
574	Functional brain abnormalities in major depressive disorder using a multiscale community detection approach. 2022 , 501, 1-10	O
573	A dynamic gradient architecture generates brain activity states. 2022 , 261, 119526	O
572	Combination of structural and functional connectivity explains unique variation in specific domains of cognitive function. 2022 , 262, 119531	0
571	Revisiting sex differences in the acquisition and extinction of threat conditioning in humans. 2022 , 29, 274-282	O

570	First-time fathers show longitudinal gray matter cortical volume reductions: evidence from two international samples.	1
569	The genetics of cortical organisation and development: a study of 2,347 neuroimaging phenotypes.	O
568	Optimal Stimulation Sites and Networks for Deep Brain Stimulation of the Fornix in Alzheimer Disease.	0
567	Developmental trajectories of cortical thickness by functional brain network: The roles of pubertal timing and socioeconomic status. 2022 , 57, 101145	O
566	Large-scale dysfunctional white matter and grey matter networks in patients with social anxiety disorder. 2022 , 25, 105094	О
565	Focused attention meditation in healthy adults: A systematic review and meta-analysis of cross-sectional functional MRI studies. 2022 , 141, 104846	O
564	Atlas-guided parcellation: Individualized functionally-homogenous parcellation in cerebral cortex. 2022 , 150, 106078	О
563	Combined HTR1A/1B methylation and human functional connectome to recognize patients with MDD. 2022 , 317, 114842	Ο
562	Distinct connectivity patterns in human medial parietal cortices: Evidence from standardized connectivity map using cortico-cortical evoked potential. 2022 , 263, 119639	О
561	A spatio-temporal decomposition framework for dynamic functional connectivity in the human brain. 2022 , 263, 119618	O
560	Predicting brain activation maps for arbitrary tasks with cognitive encoding models. 2022, 263, 119610	O
559	Comparing resting-state connectivity of working memory networks in U.S. Service members with mild traumatic brain injury and posttraumatic stress disorder. 2022 , 1796, 148099	O
558	Functional connectivity of cortical resting-state networks is differentially affected by rest conditions. 2022 , 1796, 148081	0
557	Prediction of brain age based on the community structure of functional networks. 2023 , 79, 104151	O
556	Decreased functional connectivity in patients with major depressive disorder and a history of childhood traumatization through experiences of abuse. 2023 , 437, 114098	О
555	Distinct patterns of functional brain network integration between treatment-resistant depression and non treatment-resistant depression: A resting-state functional magnetic resonance imaging study. 2023 , 120, 110621	O
554	Real-Time Symptom Capture of Hallucinations in Schizophrenia with fMRI: Absence of Duration-Dependent Activity. 2022 , 3,	О
553	Neural correlates of consciousness and complexity. 2022,	O

552	Rich-club reorganization and related network disruptions are associated with the symptoms and severity in classic trigeminal neuralgia patients. 2022 , 36, 103160	O
551	Functional connectivity dynamics reflect disability and multi-domain clinical impairment in patients with relapsing-remitting multiple sclerosis. 2022 , 36, 103203	O
550	The functions of the temporalparietal junction. 2022 , 161-177	O
549	Error-related activity of the sensorimotor network contributes to the prediction of response to cognitive-behavioral therapy in obsessive compulsive disorder. 2022 , 36, 103216	O
548	Brain Metabolic Network Redistribution in Patients with White Matter Hyperintensities on MRI Analyzed with an Individualized Index Derived from 18F-FDG-PET/MRI. 2022 , 23, 986	О
547	Automatic detection of brain states using time varying functional connectivity from rs-frmri in noninvasive brain stimulation. 2022,	O
546	Linking neuronal and hemodynamic network signatures in the resting human brain.	O
545	A low dimensional cognitive-network space in Alzheimer⊠ disease and frontotemporal dementia.	O
544	The early adolescent brain on music: Analysis of functional dynamics reveals engagement of orbitofrontal cortex reward system.	О
543	Resting-State Functional Connectivity Explained Psychotic-Like Experiences in the General Population and Partially Generalized to Patients and Relatives. 2022 ,	O
542	The Angular Gyrus as a Hub for Modulation of Language-related Cortex by Distinct Prefrontal Executive Control Regions. 1-22	1
54 ¹	Neural underpinnings of default mode network on empathy revealing by intracranial stereoelectroencephalography.	O
540	Functional connectivity alterations in migraineurs with Alice in Wonderland syndrome.	1
539	Methodological Considerations for Brain-Based Predictive Modelling in Psychiatry. 2022,	O
538	Flexing the principal gradient of the cerebral cortex to suit changing semantic task demands. 11,	O
537	Neurovascular coupling in patients with type 2 diabetes mellitus. 14,	O
536	Quantitative description of the relationship between the enhancement of distraction-suppression and brain local state alteration after transcranial direct current stimulation. 16,	0
535	A neural mechanism of cognitive reserve: The case of bilingualism.	O

534	External drivers of BOLD signal non-stationarity. 2022 , 17, e0257580	О
533	Dissecting structural connectivity of the left and right inferior frontal cortex in children who stutter.	1
532	Altered dynamic functional connectivity in rectal cancer patients with and without chemotherapy: A resting-state fMRI study. 1-18	O
531	Classification and prediction of cognitive performance differences in older age based on brain network patterns using a machine learning approach. 1-27	O
530	Similarity in activity and laterality patterns in the angular gyrus during autobiographical memory retrieval and self-referential processing.	0
529	Distinct population and single-neuron selectivity for executive and episodic processing in human dorsal posterior cingulate. 11,	O
528	Heritability of hippocampal functional and microstructural organisation. 2022, 119656	O
527	Weight for It: Resistance Training Mitigates White Matter Hyperintensity-Related Disruption to Functional Networks in Older Females. 2022 , 1-11	O
526	Functional connectivity across the human subcortical auditory system using a Gaussian copula graphical model approach with partial correlations.	O
525	Mitochondrial dysfunction underlies cortical atrophy in prodromal synucleinopathies.	O
524	Comparison Between Gradients and Parcellations for Functional Connectivity Prediction of Behavior.	O
523	A middle ground where executive control meets semantics: the neural substrates of semantic control are topographically sandwiched between the multiple-demand and default-mode systems.	O
522	Use of machine learning to identify functional connectivity changes in a clinical cohort of patients at risk for dementia. 14,	O
521	An evaluation of how connectopic mapping reveals visual field maps in V1. 2022 , 12,	O
520	Functional brain reconfiguration during sustained pain. 11,	O
519	Altered correlation of concurrently recorded EEG-fMRI connectomes in temporal lobe epilepsy.	O
518	Seeing attractive faces challenges inhibitory control, especially when mindful. 2022, 17, e0273913	О
517	Chronic back pain sub-grouped via psychosocial, brain and physical factors using machine learning. 2022 , 12,	1

516	Reduced segregation of brain networks in spatial neglect after stroke.	О
515	Vagus nerve stimulation increases stomach-brain coupling via a vagal afferent pathway. 2022 , 15, 1279-1289	О
5 ¹ 4	The effect of 18 months lifestyle intervention on brain age assessed with resting-state functional connectivity.	O
513	A partially nested cortical hierarchy of neural states underlies event segmentation in the human brain. 11,	1
512	Objective Sleep Quality and the Underlying Functional Neural Correlates Among Older Adults with Possible Mild Cognitive Impairment. 2022 , 1-10	0
511	Hippocampal-cortical functional connectivity during memory encoding and retrieval.	O
510	Reshaping the path of mild cognitive impairment by refining exercise prescription: a study protocol of a randomized controlled trial to understand the What,IBor whom,Iand BowIbf exercise to promote cognitive function. 2022 , 23,	О
509	Automated optimization of TMS coil placement for personalized functional network engagement. 2022 ,	O
508	Brain connectomes in youth at risk for serious mental illness: an exploratory analysis. 2022 , 22,	O
507	Brain circuit pathology in Down syndrome: from neurons to neural networks. 2022,	O
506	From Correlation to Communication: disentangling hidden factors from functional connectivity changes.	O
505	Toward individualized medicine in strokeThe TiMeS project: Protocol of longitudinal, multi-modal, multi-domain study in stroke. 13,	О
504	Inter-group Heterogeneity of Regional Homogeneity (REHO).	О
503	Canonical and Replicable Multi-Scale Intrinsic Connectivity Networks in 100k+ Resting-State fMRI Datasets.	1
502	Topographic organization of the human caudate functional connectivity and age-related changes with resting-state fMRI. 16,	0
501	Evidence from Big dataffor the default-mode hypothesis of ADHD: a mega-analysis of multiple large samples.	O
500	Segregation, integration and balance in resting-state brain functional networks associated with bipolar disorder symptoms.	0
499	Perception and Memory Retrieval States are Reflected in Distributed Patterns of Background Functional Connectivity.	O

498	Using Machine Learning to Evaluate Large-scale Brain Networks Patients with Brain Tumors: Traditional and non-Traditional eloquent areas.	O
497	Transdiagnostic profiles of behaviour and communication relate to academic and socioemotional functioning and neural white matter organisation.	1
496	Thalamo-cortical inter-subject functional correlation during movie watching across the adult lifespan. 16,	O
495	When self comes to a wandering mind: Brain representations and dynamics of self-generated concepts in spontaneous thought. 2022 , 8,	O
494	Potential of brain age in identifying early cognitive impairment in subcortical small-vessel disease patients. 14,	О
493	What lies underneath: Precise classification of brain states using time-dependent topological structure of dynamics. 2022 , 18, e1010412	O
492	Brain fingerprints along the language hierarchy. 16,	0
491	A landmark-based approach to locate symptom-specific transcranial magnetic stimulation targets of depression. 13,	O
490	Basins of attraction of chimera states on networks. 13,	0
489	Extracting default mode network based on graph neural network for resting state fMRI study. 1,	1
488	Association between Long-Term Air Pollution, Chronic Traffic Noise, and Resting-State Functional Connectivity in the 1000BRAINS Study. 2022 , 130,	O
487	Functional connectivity of brain networks with three monochromatic wavelengths: a pilot study using resting-state functional magnetic resonance imaging. 2022 , 12,	O
486	The time course of creativity: Multivariate classification of default and executive network contributions to creative cognition over time. 2022 ,	1
485	Brain default mode network mediates the association between negative perfectionism and exercise dependence. 2022 , 11, 928-940	O
484	The (un)learning of social functions and its significance for mental health. 2022, 102204	O
483	Functional gradients in the human lateral prefrontal cortex revealed by a comprehensive coordinate-based meta-analysis. 11,	O
482	Brain state transition analysis using ultra-fast fMRI differentiates MCI from cognitively normal controls. 16,	О
481	Glioma BOLD connectivity profile and its relationship to patients[survival.	O

480	Altered functional connectivity in first-episode and recurrent depression: A resting-state functional magnetic resonance imaging study. 13,	О
479	Long-distance linguistic dependencies in Chinese and English brains.	O
478	Lifespan differences in visual short-term memory load-modulated functional connectivity.	О
477	The cingulo-opercular network is composed of two distinct sub-systems.	O
476	Alterations in resting-state functional connectivity associated to the age-related decline in time-based prospective memory.	2
475	A precise language network revealed by the independent component-based lesion mapping in post-stroke aphasia. 13,	O
474	A role for the claustrum in cognitive control. 2022,	O
473	Regional rather than global brain age mediates cognitive function in cerebral small vessel disease. 2022 , 4,	O
472	Transdiagnostic connectome signatures from resting-state fMRI predict individual-level intellectual capacity. 2022 , 12,	1
471	Receptor-informed network control theory links LSD and psilocybin to a flattening of the brain control energy landscape. 2022 , 13,	3
470	Genetic and environmental factors influencing neonatal resting-state functional connectivity.	O
469	Association of Regional Cortical Network Atrophy With Progression to Dementia in Patients With Primary Progressive Aphasia. 10.1212/WNL.000000000201403	O
468	Sustained upregulation of widespread hippocampallieocortical coupling following memory encoding.	O
467	Structural-Functional Connectivity Bandwidth of the Human Brain. 2022, 119659	O
466	Cognitive theories of autism based on the interactions between brain functional networks. 16,	1
465	A depression network caused by brain tumours.	O
464	Functional Specialization of Parallel Distributed Networks Revealed by Analysis of Trial-to-Trial Variation in Processing Demands.	О
463	Characterization of structural and functional network organization after focal prefrontal lesions in humans in proof of principle study.	O

462	Task-based attentional and default mode connectivity associated with STEM anxiety profiles among university physics students.	Ο
461	Central autonomic network alterations in male endurance athletes. 2022 , 12,	O
460	A graph-matching based metric of functional connectome distance between pairs of individuals varies with their ages, cognitive performances and familial relationships	O
459	PTSD Specific Deficits in Default Mode Network Strength: At Baseline and Following Experimental Stress.	O
458	DLPFC stimulation alters large-scale brain networks connectivity during a drug cue reactivity task: A tDCS-fMRI study. 16,	O
457	Altered resting-state functional connectivity of the dorsal anterior cingulate cortex with intrinsic brain networks in male problematic smartphone users. 13,	1
456	Excitation-inhibition imbalance in Alzheimer disease using multiscale neural model inversion of resting-state fMRI.	1
455	Reliability and Similarity of Resting State Functional Connectivity Networks Imaged Using Wearable, High-Density Diffuse Optical Tomography in the Home Setting. 2022 , 119663	O
454	Large-scale lesion symptom mapping of depression identifies brain regions for risk and resilience.	0
453	Structure-function clustering in weighted brain networks. 2022 , 12,	O
452	Abnormalities in visual cognition and associated impaired interactions between visual and attentional networks in schizophrenia and brief psychotic disorder. 2022 , 111545	0
451	The age of reason: Functional brain network development during childhood. JN-RM-0511-22	1
450	Hippocampus and temporal pole functional connectivity is associated with age and individual differences in autobiographical memory. 2022 , 119,	0
449	Meta-connectomic analysis maps consistent, reproducible, and transcriptionally relevant functional connectome hubs in the human brain. 2022 , 5,	O
448	Age-related reorganization of functional network architecture in semantic cognition.	0
447	Altered functional connectivity in psychotic disorder not otherwise specified. 2022, 317, 114871	1
446	Evidence of familial confounding of the association between cannabis use and cerebellar-cortical functional connectivity using a twin study. 2022 , 36, 103237	0
445	Baseline patterns of resting functional connectivity within posterior default-mode intranetwork associated with remission to antidepressants in major depressive disorder. 2022 , 36, 103230	O

444	Intrinsic Brain Activity and Resting State Networks. 2022 , 1939-1990	О
443	The Left Frontoparietal Brain Network in Addictions. 2022 , 489-512	О
442	Frequency-dependent white-matter functional network changes associated with cognitive deficits in subcortical vascular cognitive impairment. 2022 , 36, 103245	O
441	Scope and Perspectives of Neuroimaging and Neurostimulation to Develop the Theory of Systemic and Dynamic Localization of Higher Mental Functions. 2022 , 18, 70-80	O
440	Evolutionary shaping of human brain dynamics.	O
439	High-Frequency Transcranial Random Noise Stimulation Modulates Gamma-Band EEG Source-Based Large-Scale Functional Network Connectivity in Patients with Schizophrenia: A Randomized, Double-Blind, Sham-Controlled Clinical Trial. 2022 , 12, 1617	1
438	Functional connectivity in behavioral variant frontotemporal dementia.	О
437	Low glutamate diet improves working memory and contributes to altering BOLD response and functional connectivity within working memory networks in Gulf War Illness. 2022 , 12,	O
436	Evolutionary shaping of human brain dynamics. 11,	0
435	Brain Functional Connectivity in Mentally Healthy Individuals with Different Levels of Schizotypy. 2022 , 48, 487-495	О
434	Resting-state functional connectivity predicts motor cortex stimulation-dependent pain relief in fibromyalgia syndrome patients. 2022 , 12,	О
433	Between-subject similarity of functional connectivity-based organization of the human periaqueductal gray related to autonomic processing. 16,	O
432	Early remission in multiple sclerosis is linked to altered coherence of the Cerebellar Network. 2022 , 20,	1
431	Myelination and excitation-inhibition balance synergistically shape structure-function coupling across the human cortex.	O
430	Correcting cardiorespiratory noise in resting-state functional MRI data acquired in critically ill patients.	0
429	Personalized Functional Brain Network Topography Predicts Individual Differences in Youth Cognition.	O
428	Frequency-specific brain network architecture in resting-state fMRI.	О
427	Macaque Brainnetome Atlas with Fine-grained Parcellations and Reliable Connections.	0

426	Resting state brain subnetwork relates to prosociality and compassion in adolescents. 13,	O
425	Facilitatory stimulation of the pre-SMA in healthy aging has distinct effects on task-based activity and connectivity.	O
424	Dysfunctional cortical gradient topography in treatment resistant major depression. 2022,	0
423	Three transcriptional axes underpin anatomy, development, and disorders of the human cortex.	O
422	Sleep medicine: Practice, challenges and new frontiers. 13,	1
421	Alteration of default mode network: association with executive dysfunction in frontal glioma patients. 2022 , 1-10	O
420	The experience of vertigo: A systematic review of neuroimaging studies.	О
419	A mind-body interface alternates with effector-specific regions in motor cortex.	O
418	Whole-brain dynamics of human sensorimotor adaptation.	О
4 ¹ 7	Hippocampal network dysfunction in early psychosis: a 2-year longitudinal study. 2022 ,	O
416	Macro-scale patterns in functional connectivity associated with ongoing thought patterns and dispositional traits.	О
415	Multiple traces and altered signal-to-noise in systems consolidation: Evidence from the 7T fMRI Natural Scenes Dataset. 2022 , 119,	O
414	Thalamocortical networks involved in Pusher Syndrome.	O
413	Cross-module switching diversity of brain network nodes in resting and cognitive states.	O
412	Anterior dorsal attention network tau drives visual attention deficits in posterior cortical atrophy.	O
411	Depressive symptoms in cognitively unimpaired older adults are associated with lower structural and functional integrity in a frontolimbic network.	1
410	Aberrant intrinsic functional brain networks in patients with functional constipation.	О
409	Transcriptional signatures of the cortical morphometric similarity network gradient in first-episode, treatment-naive major depressive disorder.	O

408	Neurodevelopmental patterns of early postnatal white matter maturation represent distinct underlying microstructure and histology. 2022 ,	O
407	Alterations in whole-brain dynamic functional stability during memory tasks under dexmedetomidine sedation. 13,	O
406	Understanding cognitive control in aging: A brain network perspective. 14,	0
405	Topological reorganization of brain network might contribute to the resilience of cognitive functioning in mildly disabled relapsing remitting multiple sclerosis.	O
404	Creativity in verbal associations is linked to semantic control.	0
403	Individual functional parcellation revealed compensation of dynamic limbic network organization in healthy ageing.	0
402	Identifying dynamic reproducible brain states using a predictive modelling approach.	0
401	Individualized morphometric similarity predicts body mass index and food approach behavior in school-age children.	O
400	Retrieval flexibility links to creativity: evidence from computational linguistic measure.	0
399	Personality neuroscience: An emerging field with bright prospects. 3,	O
398	Pet ownership is associated with greater cognitive and brain health in a cross-sectional sample across the adult lifespan. 14,	0
397	Cortical gradients during naturalistic processing are hierarchical and modality-specific.	O
396	Metastability as a neuromechanistic biomarker of schizophrenia pathology.	0
395	The Executive Functioning Paradox in Substance Use Disorders. 2022 , 10, 2728	O
394	Heightened functional excitation-inhibition ratio as a compensatory mechanism in autism spectrum disorder (ASD): an EEG study.	0
393	Multimodal multilayer network centrality relates to executive functioning. 1-45	0
392	Cortical Morphometric Vulnerability to Generalized Epilepsy Reflects Chromosome- and Cell Type-specific Transcriptomic Signatures.	0
391	Cross-attractor modeling of resting-state functional connectivity in psychiatric disorders reveals disturbances in excitation, inhibition, and energy gaps.	O

390	Functional orderly topography of brain networks associated with gene expression heterogeneity. 2022 , 5,	О
389	Mapping neurotransmitter systems to the structural and functional organization of the human neocortex. 2022 , 25, 1569-1581	1
388	Unravelling the relationship between amyloid accumulation and brain network function in normal aging and very mild cognitive decline: a longitudinal analysis.	Ο
387	Altered controllability of white matter networks and related brain function changes in first-episode drug-naive schizophrenia.	Ο
386	Large-scale brain network dynamics in very preterm children and relationship with socio-emotional outcomes: an exploratory study.	Ο
385	Network Occlusion Sensitivity Analysis Identifies Regional Contributions to Brain Age Prediction.	Ο
384	Multimodal analysis demonstrating the shaping of functional gradients in the marmoset brain. 2022 , 13,	Ο
383	The central autonomic system revisited ©onvergent evidence for a regulatory role of the insular and midcingulate cortex from neuroimaging meta-analyses. 2022 , 142, 104915	Ο
382	Evaluating the reliability, validity, and utility of overlapping networks: Implications for network theories of cognition.	0
381	Strength-dependent perturbation of whole-brain model working in different regimes reveals the role of fluctuations in brain dynamics. 2022 , 18, e1010662	Ο
380	Age-related differences in Default Mode Network resting-state functional connectivity but not gray matter volume relate to sacrificial moral decision-making and working memory performance. 2022 , 108399	0
379	Low-Level Light Therapy Effect on Resting-State Connectivity in Patients Following Moderate Traumatic Brain Injury.	Ο
378	Connecting the connectome: A bibliometric investigation of the 50 most cited articles. 2022, 223, 107481	О
377	Evaluating the efficacy of multi-echo ICA denoising on model-based fMRI. 2022 , 264, 119723	O
376	Multi-modal and multi-subject modular organization of human brain networks. 2022, 264, 119673	Ο
375	Brain network architecture constrains age-related cortical thinning. 2022 , 264, 119721	Ο
374	Neural resources shift under Methylphenidate: A computational approach to examine anxiety-cognition interplay. 2022 , 264, 119686	0
373	Partly recovery and compensation in anterior cingulate cortex after SSRI treatmentBvidence from multi-voxel pattern analysis over resting state fMRI in depression. 2023 , 320, 404-412	Ο

372	Recovery of brain network integration and segregation during the loss and recovery of consciousness induced by sevoflurane. 2022 , 1-1	0
371	Neural function underlying reward expectancy and attainment in adolescents with diverse psychiatric symptoms. 2022 , 36, 103258	O
370	Neuroimaging in multiple system atrophy. 2023 , 311-354	О
369	Investigation of white matter functional networks underlying different behavioral profiles in attention-deficit/hyperactivity disorder. 2022 , 2, 68-76	О
368	Suicide risk stratification among major depressed patients based on a machine learning approach and whole-brain functional connectivity. 2022 ,	0
367	Brain-gut microbiota multimodal predictive model in patients with bipolar depression. 2022,	О
366	Altered cerebellar functional connectivity in chronic subcortical stroke patients. 16,	0
365	HOA2.0-ComPaRe: A next generation Harvard-Oxford Atlas comparative parcellation reasoning method for human and macaque individual brain parcellation and atlases of the cerebral cortex. 16,	O
364	Large-scale neural dynamics in a shared low-dimensional state space reflect cognitive and attentional dynamics.	0
363	Functional gradients reveal altered functional segregation in patients with amnestic mild cognitive impairment and Alzheimer's disease.	О
362	A Functional Neuroimaging Investigation of Moral Foundations Theory.	0
361	Emotional brain activation across the menstrual cycle in women with premenstrual dysphoric disorder and associations to serum levels of progesterone-derived neurosteroids.	o
360	The Cerebellum Is a Key Structure in the Neural Network for Mentalizing: An MRI Study in the Behavioral Variant of Frontotemporal Dementia. 2022 , 10, 2901	О
359	Altered functional connectivity of cerebellar networks in first-episode schizophrenia. 16,	O
358	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. 16,	О
357	Associated genetics and connectomic circuitry in schizophrenia and bipolar disorder. 2022,	0
356	Meta-analysis of the functional neuroimaging literature with probabilistic logic programming. 2022 , 12,	0
355	Hemispheric Asymmetries of Individual Differences in Functional Connectivity. 1-26	О

354	Resting-state functional MRI in multicenter studies on multiple sclerosis: a report on raw data quality and functional connectivity features from the Italian Neuroimaging Network Initiative.	o
353	Evidence for Embracing Normative Modeling.	О
352	Test-Retest Reliability of Dynamic Functional Connectivity Parameters for a Two-State Model.	0
351	Genomic Structural Equation Modeling Reveals Latent Phenotypes in the Human Cortex with Distinct Genetic Architecture.	o
350	Abnormal resting-state functional connectome in methamphetamine-dependent patients and its application in machine-learning-based classification. 16,	0
349	High-resolution cortical parcellation based on conserved brain landmarks for localization of multimodal data to the nearest centimeter. 2022 , 12,	O
348	Uncovering the biological basis of control energy: Structural and metabolic correlates of energy inefficiency in temporal lobe epilepsy. 2022 , 8,	1
347	Cortical myelin profile variations in healthy aging brain: A T1w/T2w ratio study. 2022 , 264, 119743	o
346	Functional network properties derived from wide-field calcium imaging differ with wakefulness and across cell type. 2022 , 264, 119735	0
345	Effects of trihexyphenidyl on prefrontal executive function and spontaneous neural activity in patients with tremor-dominant Parkinson's disease: An fNIRS study. 2022 , 105, 96-102	o
344	Individualized functional connectome identified generalizable biomarkers for psychiatric symptoms in transdiagnostic patients.	0
343	Validation of dynamic [18F]FE-PE2I PET for estimation of relative regional cerebral blood flow: a comparison with [15O]H2O PET. 2022 , 12,	o
342	Trial-by-trial fluctuations in amygdala activity track motivational enhancement of desirable sensory evidence during perceptual decision-making.	0
341	Functional-structural decoupling in visual network is associated with cognitive decline in patients with type 2 diabetes mellitus: Evidence from a multimodal MRI analysis.	o
340	Postoperative MRI Applications in Patients with DBS. 2022 , 73-83	0
339	A voxel-based meta-analysis comparing medication-naive patients of major depression with treated longer-term ill cases. 2023 , 144, 104991	O
338	A quantified comparison of cortical atlases on the basis of trait morphometricity. 2023, 158, 110-126	0
337	Amplitudes of resting-state functional networks Investigation into their correlates and biophysical properties. 2023 , 265, 119779	О

336	Neural representations of self-generated thought during think-aloud fMRI. 2023, 265, 119775	O
335	Disrupted intrinsic functional brain network in patients with late-life depression: Evidence from a multi-site dataset. 2023 , 323, 631-639	1
334	Childhood trauma and brain structure in children and adolescents. 2023 , 59, 101180	O
333	BrainStat: A toolbox for brain-wide statistics and multimodal feature associations. 2023 , 266, 119807	O
332	State-dependent and region-specific alterations of cerebellar connectivity across stable human wakefulness and NREM sleep states. 2023 , 266, 119823	0
331	Neural correlates of paired associate recollection: A neuroimaging meta-analysis. 2023 , 1801, 148200	O
330	Data-driven Latent Graph Structure Learning for Diagnosis of Alzheimer Syndrome. 2022,	0
329	Multiscale Effects of Excitatory-Inhibitory Homeostasis in Lesioned Cortical Networks: A Computational Study.	O
328	The music of the hemispheres: Cortical eigenmodes as a physical basis for large-scale brain activity and connectivity patterns. 16,	0
327	Functional reconfiguration of task-active frontoparietal control network facilitates abstract reasoning.	O
326	Neural substrates underlying effortful control deficit in autism spectrum disorder: a meta-analysis of fMRI studies. 2022 , 12,	0
325	A true response of the brain network during electroacupuncture stimulation at scalp acupoints: An fMRI with simultaneous EAS study.	O
324	Large-scale signal and noise correlations configure multi-task coding in human brain networks.	O
323	Monitoring the Changes of Electroencephalogram During Cardiopulmonary Resuscitation. 2022,	O
322	A Comparative Perspective on the Cerebello-Cerebral System and Its Link to Cognition.	O
321	Linking neuroanatomical abnormalities in autism spectrum disorder with gene expression of candidate ASD genes: A meta-analytic and network-oriented approach. 2022 , 17, e0277466	Ο
320	Mapping white matter structural covariance connectivity for single subject using wavelet transform with T1-weighted anatomical brain MRI. 16,	0
319	Connectivity between default mode and frontoparietal networks mediates the association between global amyloid-晦nd episodic memory.	O

318	Functional network segregation is associated with attenuated tau spreading in Alzheimer's disease.	0
317	Whole brain correlates of individual differences in skin conductance responses during discriminative fear conditioning to social cues. 11,	O
316	Geometrical congruence, greedy navigability and myopic transfer in complex networks and brain connectomes. 2022 , 13,	O
315	Identifying the neural marker of chronic sciatica using multimodal neuroimaging and machine learning analyses. 16,	O
314	Mapping the effects of pregnancy on resting state brain activity, white matter microstructure, neural metabolite concentrations and grey matter architecture. 2022 , 13,	O
313	Turning and multitask gait unmask gait disturbance in mild-to-moderate multiple sclerosis: Underlying specific cortical thinning and connecting fibers damage.	1
312	Sleep Loss Influences the Interconnected Brain-Body Regulation of Cardiovascular Function in Humans. 2023 , 85, 34-41	0
311	Deep brain stimulation improves symptoms of spasmodic dysphonia through targeting of thalamic sensorimotor connectivity.	O
310	Hierarchical functional system development supports executive function. 2022,	0
309	Spatial and Spectral Components of the BOLD Global Signal in Rat Resting-State Functional MRI.	O
308	The subcortical and neurochemical organization of the ventral and dorsal attention networks. 2022 , 5,	0
307	Robust hierarchically organized whole-brain patterns of dysconnectivity in schizophrenia spectrum disorders observed after Personalized Intrinsic Network Topography.	O
306	Targeting neural correlates of placebo effects.	0
305	Reduced resilience of brain state transitions in anti- N -Methyl-D-Aspartate receptor encephalitis.	O
304	Tai Chi increases functional connectivity and decreases chronic fatigue syndrome: A pilot intervention study with machine learning and fMRI analysis. 2022 , 17, e0278415	0
303	A tripartite view of the posterior cingulate cortex.	O
302	Multitask representations in the human cortex transform along a sensory-to-motor hierarchy.	O
301	Co-alteration Network Architecture of Major Depressive Disorder: A Multi-modal Neuroimaging Assessment of Large-scale Disease Effects.	О

300	Hormonal Contraceptives and the Brain: A Systematic Review on 60 years of Neuroimaging, EEG, and Biochemical Studies in Humans and Animals. 2022 , 101051	0
299	The gradient model of brain organization in decisions involving ∰mpathy for pain□	O
298	Tumour-infiltrated cortex participates in large-scale cognitive circuits.	O
297	Functional connectivity of the default mode network subsystems in patients with major depressive episodes with mixed features. 2022 , 35, e100929	O
296	The effect of random and systematic visual stimulation on entrained infraslow quasi-periodic dynamic global waves in human brain activity.	0
295	Complex of global functional network as the core of consciousness. 2022,	O
294	Confounds in neuroimaging: A clear case of sex as a confound in brain-based prediction. 13,	0
293	Brain-based predictions of psychiatric illness-linked behaviors across the sexes.	0
292	Gray to White Matter Signal Ratio as a novel biomarker of neurodegeneration in Alzheimer disease. 2022 , 103303	0
291	Network organization of resting-state cerebral hemodynamics and their aliasing contributions measured by functional near-infrared spectroscopy.	O
2 90	Connectome-wide mega-analysis reveals robust patterns of atypical functional connectivity in autism. 2022 ,	0
289	Brain functional connectivity alterations associated with neuropsychological performance 6¶ months following SARS-CoV -2 infection.	O
288	Differences in resting state functional connectivity underlie visuomotor performance declines in older adults with a genetic risk (APOE 4) for Alzheimer disease. 14,	0
287	Morphometric dis-similarity between cortical and subcortical areas underlies cognitive function and psychiatric symptomatology: a preadolescence study from ABCD.	O
286	Atypical language network lateralization is reflected throughout the macroscale functional organization of cortex.	0
285	Basis of executive functions in fine-grained architecture of cortical and subcortical human brain networks.	O
284	Resting State Network Functional Connectivity Pre- and Post-Bariatric Surgery. 2022,	0
283	TTLL11 gene is associated with sustained attention performance and brain networks: A genome-wide association study of a healthy Chinese sample.	O

282	Associations between insomnia symptoms and functional connectivity in the UK Biobank cohort (n $\stackrel{\scriptstyle \leftarrow}{}$ 29,423).	О
281	Thalamocortical contribution to cognitive task activity. 11,	1
280	Review of Template-Based Neuroimaging Tools in Neuro-Oncology: Novel Insights. 2023 , 3, 1-12	О
279	Sex differences in default mode network connectivity in healthy aging adults.	O
278	Resting-State Connectivity and Response to Psychotherapy Treatment in Adolescents and Adults With OCD: A Randomized Clinical Trial.	2
277	How much data do we need? Lower bounds of brain activation states to predict human cognitive ability.	O
276	Multimodal, multiscale connectivity blueprints of the cerebral cortex.	0
275	Hippocampal, basal ganglia and olfactory connectivity contribute to cognitive impairments in Parkinson disease.	O
274	Changes in both top-down and bottom-up effective connectivity drive visual hallucinations in Parkinson disease.	1
273	Orthogonal neural encoding of targets and distractors supports multivariate cognitive control.	O
272	Influences of resting-state intrinsic functional brain connectivity on the antidepressant treatment response in late-life depression. 1-10	О
271	Spatially heterogeneous structure-function coupling in haemodynamic and electromagnetic brain networks.	O
270	Increasing diversity in connectomics with the Chinese Human Connectome Project.	1
269	Using in silico perturbational approach to identify critical areas in schizophrenia.	О
268	Evaluating methods for measuring background connectivity in slow event-related functional MRI designs.	О
267	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. 2022 , 18,	O
266	More than the sum of its parts: disrupted core-periphery of multiplex networks in multiple sclerosis.	0
265	Optimal deep brain stimulation sites and networks for stimulation of the fornix in Alzheimer disease. 2022 , 13,	O

264	High gamma activity distinguishes frontal cognitive control regions from adjacent cortical networks. 2022 ,	О
263	Atypical local brain connectivity in pediatric autism spectrum disorder? A coordinate-based meta-analysis of regional homogeneity studies.	O
262	Ketamine-induced hippocampal functional connectivity alterations associated with clinical remission in major depression. 2023 ,	0
261	Higher-order organization of multivariate time series.	O
260	Revealing the Neurobiology Underlying Interpersonal Neural Synchronization with Multimodal Data Fusion. 2023 , 105042	О
259	Situation updating during discourse comprehension recruits right posterior portion of the multiple-demand network.	O
258	Functional Network Alterations Associated with Cognition in Preclinical Alzheimer Disease.	O
257	Cognition dependence on functional network integrity with age is conditional on structural network integrity.	О
256	A transdiagnostic network for psychiatric illness derived from atrophy and lesions.	0
255	Connectivity model of the anatomic substrates and network abnormalities in major depressive disorder: A coordinate meta-analysis of resting-state functional connectivity. 2023 , 11, 100478	O
254	Whole-brain functional gradients reveal cortical and subcortical alterations in patients with episodic migraine.	О
253	Short-term Medication Effects on Brain Functional Activity and Network Architecture in First-Episode psychosis: a longitudinal fMRI study.	O
252	Psychological and neurological predictors of acupuncture effect in chronic pain patients: a randomized controlled neuroimaging trial. 2023 , Publish Ahead of Print,	О
251	Changes in Resting-State Neural Activity and Nerve Fibres in Ischaemic Stroke Patients with Hemiplegia.	O
250	Preoperative functional connectivity by magnetic resonance imaging for refractory neocortical epilepsy.	0
249	Structural atrophy and functional dysconnectivity patterns in the cerebellum relate to cerebral networks in svMCI. 16,	O
248	The effect of using group-averaged or individualized brain parcellations when investigating connectome dysfunction: A case study in psychosis.	О
247	Variation in spatial dependencies across the cortical mantle discriminates the functional behaviour of primary and association cortex.	0

246	Alterations of resting-state networks of Parkinson® disease patients after subthalamic DBS surgery. 2023 , 37, 103317	O
245	Trait- and State-Dependent Changes in CorticalBubcortical Functional Networks Across the Adult Lifespan.	O
244	Systems-level decoding reveals the cognitive and behavioral profile of the human intraparietal sulcus. 1,	O
243	Cerebral Hemodynamic Changes during Unaffected Handgrip Exercises in Stroke Patients: An fNIRS Study. 2023 , 13, 141	O
242	Individual Variability in Structural Connectivity Architecture of the Human Brain across the Middle-aged and Old Adult.	0
241	Cerebral cortical thickness and cognitive decline in Parkinson disease. 2023, 4,	O
240	Cingulo-opercular subnetworks motivate fronto-parietal subnetworks during distinct cognitive control demands. JN-RM-1314-22	0
239	Prolonged microgravity induces reversible and persistent changes on human cerebral connectivity. 2023 , 6,	O
238	Functional geometry of the cortex encodes dimensions of consciousness. 2023 , 14,	О
237	The Association between Genetic Variations and Morphology-based Brain Networks Changes in Alzheimer's Disease.	O
236	Shared and Unique Changes in Brain Connectivity Among Depressed Patients After Remission With Pharmacotherapy Versus Psychotherapy.	2
235	Progressive Voxel-Wise Homotopic Connectivity from childhood to adulthood: Age-related functional asymmetry in resting-state functional magnetic resonance imaging. 2023 , 65,	O
234	Resting state network mapping in individuals using deep learning. 13,	О
233	Prolonged latent 'baseline' state of large-scale resting state networks in Alzheimer's disease as revealed by hidden Markov modelling.	O
232	Functional Topography of the Neocortex Predicts Covariation in Complex Cognitive and Basic Motor Abilities.	0
231	Multivariate Multiscale Entropy (mMSE) as a tool for understanding the resting-state EEG signal dynamics: the spatial distribution and sex/gender- related differences.	O
230	Neural Synchronization as a Function of Engagement with the Narrative.	O
229	Dissociable salience and default mode network modulation in generalized anxiety disorder: a connectome-wide association study.	O

228	Individual-level functional connectomes predict the motor symptoms of Parkinson disease.	0
227	Convergence of brain transcriptomic and neuroimaging patterns in schizophrenia, bipolar disorder, autism spectrum disorder, and major depressive disorder. 2023 ,	O
226	Data driven clusters derived from resting state functional connectivity: Findings from the EMBARC study. 2023 , 158, 150-156	O
225	Different executive function impairments in medication-nalle children with attention-deficit/hyperactivity disorder comorbid with oppositional defiant disorder and conduct disorder. 2023 , 81, 103446	O
224	Functional disconnection between subsystems of the default mode network in bipolar disorder. 2023 , 325, 22-28	0
223	Lead-DBS v3.0: Mapping deep brain stimulation effects to local anatomy and global networks. 2023 , 268, 119862	1
222	Human motor sequence learning drives transient changes in network topology and hippocampal connectivity early during memory consolidation.	0
221	A low-dimensional cognitive-network space in Alzheimer disease and frontotemporal dementia. 2022 , 14,	0
220	Atypical Dynamics of Sub-Networks Predict Restricted Repetitive Patterns of Behaviors in Children with Autism Spectrum Disorder. 2022 ,	0
219	A whole new world: embracing the systems-level to understand the indirect impact of pathology in neurodegenerative disorders.	O
218	Multimodal and multidomain lesion network mapping enhances prediction of sensorimotor behavior in stroke patients. 2022 , 12,	0
217	PhiPipe: A multi-modal MRI data processing pipeline with testEetest reliability and predicative validity assessments.	O
216	Structural and functional connectivity of the inferior temporal numeral area.	0
215	Robust dynamic brain coactivation states estimated in individuals. 2023 , 9,	0
214	Multivariate analysis of brain activity patterns as a tool to understand predictive processes in speech perception. 1-17	0
213	Alteration of resting-state network dynamics in autism spectrum disorder based on leading eigenvector dynamics analysis. 16,	O
212	Functional connectome automatically differentiates multiple system atrophy (parkinsonian type) from idiopathic Parkinson's disease at early stages.	О
211	Prenatal depressive symptoms and childhood development of brain limbic and default mode network structure.	O

210	CCA identifies a neurophysiological marker of adaptation capacity that is reliably linked to internal locus of control of cognition in amnestic MCI.	O
209	Does combined training of biofeedback and neurofeedback affect smoking status, behavior, and longitudinal brain plasticity?. 17,	O
208	Neurobiologia del cervello sociale nei disturbi d'ansia e dell'umore - Mini-review. 2022 , 32-71	О
207	Neurophysiological signatures of cortical micro-architecture.	O
206	Severity-dependent functional connectome and the association with glucose metabolism in the sensorimotor cortex of Parkinson's disease. 17,	O
205	The Individualized Prediction of Neurocognitive Function in People Living with HIV Based on Clinical and Multimodal Connectome Data. 2023, 1-11	O
204	The rostral zona incerta: a subcortical integrative hub and potential DBS target for OCD 2023,	О
203	Presurgical Executive Functioning in Low-Grade Glioma Patients Cannot Be Topographically Mapped. 2023 , 15, 807	O
202	Effects of acute exercise fatigue on the spatiotemporal dynamics of resting-state large-scale brain networks. 17,	О
201	Fundamentals of neuroscience for mind mapping. 2023 , 87-115	O
200	Executive Network Activation Moderates the Association between Neighborhood Threats and Externalizing Behavior in Youth.	O
199	Standardizing connectome-based brain tumor surgery through a network-based surgical nomenclature.	O
198	Mapping Brain Networks Using Multimodal Data. 2023 , 2975-3025	О
197	Evaluate the efficacy and reliability of functional gradients in within-subject designs.	O
196	Individual Differences in Delay Discounting are Associated with Dorsal Prefrontal Cortex Connectivity in Youth.	0
195	Consistent differences in brain structure and functional connectivity in high-altitude native Tibetans and immigrants.	Ο
194	Statistical power in network neuroscience. 2023,	1
193	Time varying dynamics of hallucinations in clinical and non-clinical voice-hearers. 2023 , 37, 103351	O

192	fMRI-Based Anatomy: Mapping the Cerebellum. 2023 , 351-356	О
191	Beyond genomics and proteomics. 2023 , 191-243	Ο
190	Connectomics underlying motor functional outcomes in the acute period following stroke. 15,	O
189	Dynamic functional connectivity MEG features of Alzheimer∄ disease.	O
188	Deep brain stimulation does not modulate fMRI resting-state functional connectivity in essential tremor.	О
187	Neural substrates of verbal memory impairment in schizophrenia: A multimodal connectomics study. 2023 , 44, 2829-2840	O
186	Marmoset Brain Mapping V5: an Anatomical and Connectivity Atlas of the Cerebellum.	0
185	Multimodal neural correlates of childhood psychopathology.	O
184	Environmental effects on brain functional networks in a juvenile twin population. 2023, 13,	0
183	Neurite outgrowth deficits caused by rare PLXNB1 mutation in pediatric bipolar disorder.	O
182	TMS-EEG and resting-state EEG applied to Altered States of Consciousness: Oscillations, Complexity, and Phenomenology. 2023 , 106589	0
181	Abnormal higher-order network interactions in Parkinson disease visual hallucinations.	O
180	Graph-matching distance between individuals' functional connectomes varies with relatedness, age, and cognitive score.	O
179	Emotion-induced brain activation across the menstrual cycle in individuals with premenstrual dysphoric disorder and associations to serum levels of progesterone-derived neurosteroids. 2023 , 13,	O
178	Identification of overlapping and interacting networks reveals intrinsic spatiotemporal organization of the human brain. 2023 , 270, 119944	O
177	Cortical gradients during naturalistic processing are hierarchical and modality-specific. 2023 , 271, 120023	O
176	Early auditory processing dysfunction in schizophrenia: Mechanisms and implications. 2023, 148, 105098	0
175	Symptom-circuit mappings of the schizophrenia connectome. 2023 , 323, 115122	O

174	Modules in connectomes of phase-synchronization comprise anatomically contiguous, functionally related regions. 2023 , 272, 120036	О
173	Modulation of mind wandering using transcranial direct current stimulation: A meta-analysis based on electric field modeling. 2023 , 272, 120051	О
172	Omnipresence of the sensorimotor-association axis topography in the human connectome. 2023 , 272, 120059	О
171	Eight-week antidepressant treatment changes intrinsic functional brain topology in first-episode drug-nalle patients with major depressive disorder. 2023 , 329, 225-234	О
170	Conscientiousness associated with efficiency of the salience/ventral attention network: Replication in three samples using individualized parcellation. 2023 , 272, 120081	O
169	A complex systems perspective on psychedelic brain action. 2023 , 27, 433-445	O
168	Unbalanced amygdala communication in major depressive disorder. 2023 , 329, 192-206	О
167	Functional connectivity analysis of the depression connectome provides potential markers and targets for transcranial magnetic stimulation. 2023 , 329, 539-547	O
166	Frequency-resolved connectome alterations in major depressive disorder: A multisite resting fMRI study. 2023 , 328, 47-57	О
165	Task matters: Individual MEG signatures from naturalistic and neurophysiological brain states. 2023 , 271, 120021	O
164	Trait absorption is not reliably associated with brain structure or resting-state functional connectivity. 2023 , 3, 100171	О
163	Naturalistic viewing increases individual identifiability based on connectivity within functional brain networks. 2023 , 273, 120083	O
162	Comparison between gradients and parcellations for functional connectivity prediction of behavior. 2023 , 273, 120044	О
161	Using in silico perturbational approach to identify critical areas in schizophrenia.	O
160	Transcriptional networks of transient cell states during human prefrontal cortex development. 16,	О
159	Excess BMI in early adolescence adversely impacts maturating functional circuits supporting high-level cognition and their structural correlates.	O
158	Global diversity in individualized cortical network topography.	О
157	Computing personalized brain functional networks from fMRI using self-supervised deep learning. 2023 , 85, 102756	O

156	Distinguishing between bipolar depression and unipolar depression based on the reward circuit activities and clinical characteristics: A machine learning analysis. 2023 , 327, 46-53	O
155	High-speed fluorescence molecular tomography reconstructions through a sparsity constrained neural network. 2023 ,	O
154	Beyond mind wandering: Performance variability and neural activity during off-task thought and other attention lapses. 2023 , 108, 103459	0
153	Altered static and dynamic functional network connectivity in post-stroke cognitive impairment. 2023 , 799, 137097	O
152	Efficacy and safety of oxiracetam in patients with vascular cognitive impairment: A multicenter, randomized, double-blinded, placebo-controlled, phase IV clinical trial. 2023 , 126, 107108	O
151	Big Data in Cognitive Neuroscience: Opportunities and Challenges. 2022 , 16-30	O
150	A spatiotemporal complexity architecture of human brain activity. 2023 , 9,	0
149	Subsystem mechanisms of default mode network underlying white matter hyperintensity-related cognitive impairment. 2023 , 44, 2365-2379	O
148	Individual differences in time-varying and stationary brain connectivity during movie watching from childhood to early adulthood: Effects of age, sex, and behavioral associations.	0
147	Improving the study of brain-behavior relationships by revisiting basic assumptions. 2023 , 27, 246-257	1
146	Aberrant inter-network functional connectivity in drug-naive Parkinson disease patients with tremor dominant and postural instability and gait difficulty. 17,	O
145	Pallidal neuromodulation of the explore/exploit trade-off in decision-making. 12,	O
144	Individualized fMRI connectivity defines signatures of antidepressant and placebo responses in major depression.	0
143	Graded functional organisation in the left inferior frontal gyrus: evidence from task-free and task-based functional connectivity.	O
142	Functional Connectivity of the Cerebellar Vermis in Bipolar Disorder and Associations with Mood.	0
141	Assessment of vibration modulated regional cerebral blood flow with MRI. 2023 , 269, 119934	O
140	Multiple measurement analysis of resting-state fMRI for ADHD classification in adolescent brain from the ABCD study. 2023 , 13,	0
139	The interacting brain: Dynamic functional connectivity among canonical brain networks dissociates cooperative from competitive social interactions. 2023 , 269, 119933	O

138	A domain-relevant framework for the development of face processing. 2023 , 2, 183-195	О
137	The Psychological Impact of the Coronavirus Pandemic and the Importance of Resilience. 2023, 8, 133-134	O
136	Brain evolution and the meaning of catatonia - An update. 2023 ,	О
135	Increased Resting-State Functional Connectivity as a Compensatory Mechanism for Reduced Brain Volume in Prediabetes and Type 2 Diabetes. 2023 , 46, 819-827	O
134	Cross-modality comparison between structural and metabolic networks in individual brain based on the Jensen-Shannon divergence method: a healthy Chinese population study.	O
133	Semantic knowledge of social interactions is mediated by the hedonic evaluation system in the brain. 2023 , 161, 26-37	O
132	Functional anomaly mapping lateralizes temporal lobe epilepsy with high accuracy in individual patients.	О
131	Neurophysiological brain-fingerprints of motor and cognitive decline in Parkinson disease.	O
130	A longitudinal evaluation of personalized intrinsic network topography and cognitive decline in Parkinson disease.	О
129	Interactions within the social brain: Co-activation and connectivity among networks enabling empathy and Theory of Mind. 2023 , 147, 105080	Ο
128	Structural-Functional Brain Network Coupling Predicts Human Cognitive Ability.	О
127	Effects of 12-week escitalopram treatment on resting-state functional connectivity of large-scale brain networks in major depressive disorder. 2023 , 44, 2572-2584	Ο
126	Spontaneous Activity Patterns in Human Attention Networks Code for Hand Movements. 2023, 43, 1976-198	6 o
125	A Lesion-Derived Brain Network for Emotion Regulation. 2023,	O
124	Functional connectivity fingerprints of the frontal eye field and inferior frontal junction suggest spatial versus nonspatial processing in the prefrontal cortex. 2023 , 57, 1114-1140	О
123	Normative model detects abnormal functional connectivity in psychiatric disorders. 14,	Ο
122	Neural Systems Underlying the Implementation of Working Memory Removal Operations.	О
121	Functional networks in the infant brain during sleep and wake states.	О

120	Alteration of brain network centrality in CTN patients after a single triggering pain. 17,	O
119	Altered frontoparietal activity in acoustic startle priming tasks during reticulospinal tract facilitation: An fNIRS study. 17,	O
118	Altered longitudinal trajectory of default mode network connectivity in healthy youth with subclinical depressive and posttraumatic stress symptoms. 2023 , 60, 101216	0
117	Default Mode and Dorsal Attention Network functional connectivity associated with alpha and beta peak frequency in individuals.	O
116	Brain network mapping and glioma pathophysiology. 2023 , 5,	О
115	Atypical functional hierarchy contributed to the tinnitus symptoms in patients with vestibular schwannoma. 17,	0
114	Frequency-specific brain network architecture in resting-state fMRI. 2023, 13,	О
113	Multivariate genomic architecture of cortical thickness and surface area at multiple levels of analysis. 2023 , 14,	o
112	Integrated diffusion image operator (iDIO): A pipeline for automated configuration and processing of diffusion MRI data. 2023 , 44, 2669-2683	О
111	Decomposing age effects in EEG alpha power. 2023 , 161, 116-144	O
110	The Neuroradiology of Autism: Framing Neuroimaging Investigations of the Autistic Brain Based on the US NIMH Research Domain Criteria. 2023 , 269-282	О
109	Dynamics of Cerebral Function in Patients with Acute Cerebellar Infarction.	O
108	Deciphering the genetic architecture of human brain structure and function: a brief survey on recent advances of neuroimaging genomics. 2023 , 24,	О
107	Mitochondrial function-associated genes underlie cortical atrophy in prodromal synucleinopathies.	O
106	Lifespan differences in visual short-term memory load-modulated functional connectivity. 2023 , 270, 119982	О
105	Introduction. 2023 , 1-27	0
104	Resting state functional connectivity demonstrates increased segregation in bilateral temporal lobe epilepsy.	О
103	Functional connectivity changes during working memory in autism spectrum disorder: A two-year longitudinal MEG study. 2023 , 37, 103364	O

102	Widespread fMRI BOLD Signal Overactivations during Cognitive Control in Older Adults Are Not Matched by Corresponding Increases in fPET Glucose Metabolism. 2023 , 43, 2527-2536	О
101	Virtual (Zoom) Interactions Alter Conversational Behavior and Interbrain Coherence. 2023 , 43, 2568-2578	O
100	The Human Brain Connectome Weighted by the Myelin Content and Total Intra-Axonal Cross-Sectional Area of White Matter Tracts.	0
99	Functional hierarchy of the angular gyrus and its underlying genetic architecture. 2023 , 44, 2815-2828	O
98	Explainable fMRI -based brain decoding via spatial temporal-pyramid graph convolutional network. 2023 , 44, 2921-2935	О
97	A role for retro-splenial cortex in the task-related P3 network.	O
96	Hippocampal subfield CA1-3 shows differential structural and functional network plasticity after stress-reducing socio-affective mental training.	0
95	Detecting type 2 diabetes mellitus cognitive impairment using whole-brain functional connectivity. 2023 , 13,	O
94	An efficiently working brain characterizes higher mental flow that elicits pleasure in Chinese calligraphic handwriting.	O
93	Path Weights Analyses in a Shallow Neural Network to Reach Explainable Artificial Intelligence (XAI) of fMRI Data. 2023 , 417-431	O
92	The Sense of Body Ownership and the Neural Processes of Memory Encoding and Reinstatement.	0
91	Resting-state functional brain network alternations related to non-suicidal and suicidal self-injurious behaviors in adolescents with depression.	O
90	Connectomes for 40,000 UK Biobank participants: A multi-modal, multi-scale brain network resource.	O
89	Virtual brain simulations reveal network-specific parameters in neurodegenerative dementias.	O
88	Connectional Hierarchy in Human Brain Revealed by Individual Variability of Functional Network Edges.	О
87	Evidence for embracing normative modeling. 12,	О
86	Brain fingerprinting using fMRI spectral signatures on high-resolution cortical graphs.	О
85	Polyneuro risk scores capture widely distributed connectivity patterns of cognition. 2023, 60, 101231	О

84	Study of functional and metabolic changes in subregions of precuneus in mild cognitive impairment patients using hybrid FDG-PET/fMRI. 2022 ,	O
83	Adolescent neurodevelopment and psychopathology: The interplay between adversity exposure and genetic risk for accelerated brain ageing. 2023 , 60, 101229	O
82	Aberrant Large-Scale Network Interactions Across Psychiatric Disorders Revealed by Large-Sample Multi-Site Resting-State Functional Magnetic Resonance Imaging Datasets.	O
81	Abnormal dynamic functional connectivity changes correlated with non-motor symptoms of Parkinson disease. 17,	O
80	Examining resting-state network connectivity in children exposed to perinatal maternal adversity using anatomically weighted functional connectivity (awFC) analyses; A preliminary report. 17,	O
79	Brain system segregation and pain catastrophizing in chronic pain progression. 17,	O
78	Hierarchical brain structural f unctional coupling associated with cognitive impairments in mild traumatic brain injury.	O
77	Cingulate Cortex: Anatomy, Structural and Functional Connectivity. 2023, Publish Ahead of Print,	O
76	High-level cognition is supported by information-rich but compressible brain activity patterns.	O
75	The genetic relationships between brain structure and schizophrenia.	O
74	Transitions between cognitive topographies: contributions of network structure, neuromodulation, and disease.	O
73	Multisensory Flicker Modulates Widespread Brain Networks and Reduces Interictal Epileptiform Discharges in Humans.	O
72	General and specific patterns of cortical gene expression as substrates of complex cognitive functioning.	O
71	Theory of Mind and Cerebellum. 2023 , 379-385	O
70	The Social Cerebellum and Human Interactions. 2023, 511-517	O
69	Altered Postcentral Connectivity after Sleep Deprivation Correlates to Impaired Risk Perception: A Resting-State Functional Magnetic Resonance Imaging Study. 2023 , 13, 514	O
68	Joint-embeddings reveal functional differences in default-mode network architecture between marmosets and humans. 2023 , 272, 120035	О
67	Multi-networks connectivity at baseline predicts the clinical efficacy of left angular gyrus-navigated	

66	Interoceptive awareness: MBSR training alters information processing of salience network. 17,	О
65	A Pilot Study: Extraction of a Neural Network and Feature Extraction of Generation and Reduction Mechanisms Due to Acute Stress. 2023 , 13, 519	Ο
64	Connectome dysfunction in patients at clinical high risk for psychosis and modulation by oxytocin.	O
63	Sex differences in resting state functional connectivity across the first two years of life. 2023 , 60, 101235	O
62	Predicting future depressive episodes from resting-state fMRI with generative embedding. 2023 , 273, 119986	0
61	The unique neural signature of your trip: Functional connectome fingerprints of subjective psilocybin experience.	O
60	Epigenetic aging and PTSD outcomes in the immediate aftermath of trauma. 1-10	О
59	Divergent brain regional atrophy and associated fiber disruption in amnestic and non-amnestic MCI.	Ο
58	Abnormal characteristic static and dynamic functional network connectivity in idiopathic normal pressure hydrocephalus.	0
57	Metastability as a candidate neuromechanistic biomarker of schizophrenia pathology. 2023 , 18, e0282707	O
56	Adaptive control of functional connectivity: dorsal and ventral limbic divisions regulate the dorsal and ventral neocortical networks.	О
55	Uncovering Brain Functional Connectivity Disruption Patterns of Lung Cancer-related Pain.	Ο
54	A cortical surface template for human neuroscience.	0
53	Mapping the long-term delayed recall-based cortex-hippocampus network constrained by the structural and functional connectome: a case-control multimodal MRI study. 2023 , 15,	O
52	Two long-axis dimensions of hippocampal cortical integration support memory function across the adult lifespan.	0
51	A frontoparietal network for volitional control of gaze following.	O
50	Generalizable neuromarker for autism spectrum disorder across imaging sites and developmental stages: A multi-site study.	0
49	Detecting individuals with severe mental illness using artificial intelligence applied to magnetic resonance imaging. 2023 , 90, 104541	О

48	Structural alterations of the salience network in patients with insular glioma.	O
47	General dimensions of human brain morphometry inferred from genome-wide association data.	O
46	Spatial correspondence of LSD-induced variations of brain functioning at rest with serotonin receptor expression. 2023 ,	О
45	Classification of Focused Perturbations Using Time-Variant Functional Connectivity with rs-fmri. 2023 , 18-30	O
44	Altered dynamic functional and effective connectivity in drug-naive children with Tourette Syndrome.	0
43	Association of Intrinsic Functional Brain Network and Longitudinal Development of Cognitive-Behavioral Symptoms in Young Girls with Fragile X Syndrome. 2023 ,	O
42	Bayesian stroke modeling details sex biases in the white matter substrates of aphasia. 2023, 6,	O
41	Short-Term Effects of an American Football Game on Cognitive Function, Memory, and Brain Functional Connectivity. 2023 , 1,	O
40	Reproducible Abnormalities and Diagnostic Generalizability of White Matter in Alzheimer Disease.	O
39	Dynamic evolution of brain structural patterns in liver transplantation recipients: a longitudinal study based on 3D convolutional neuronal network model.	O
38	Functional connectivity of the language area in migraine: a preliminary classification model. 2023 , 23,	0
37	The entangled nature of the brain. 1-6	O
36	Functional connectivity analysis of childhood depressive symptoms. 2023, 38, 103395	O
35	Network-level mechanisms underlying effects of transcranial direct current stimulation (tDCS) on visuomotor learning impairments in schizophrenia	O
34	Hierarchical overlapping modular structure in the human cerebral cortex improves individual identification. 2023 , 26, 106575	О
33	Structured memory representations develop at multiple time scales in hippocampal-cortical networks.	O
32	Brain-based predictions of psychiatric illness-linked behaviors across the sexes. 2023,	О
31	A longitudinal resource for population neuroscience of school-age children and adolescents in China.	O

30	Power spectral analysis can determine language laterality from resting-state functional MRI data in healthy controls.	0
29	Compensatory Mechanisms in Early Alzheimer Disease and Clinical Setting: The Need for Novel Neuropsychological Strategies. 1-13	Ο
28	Brain motion networks predict head motion during rest- and task-fMRI. 17,	0
27	Correspondence of functional connectivity gradients across human isocortex, cerebellum, and hippocampus. 2023 , 6,	O
26	Dynamic effective connectivity among large-scale brain networks mediates risk of anxiety.	0
25	Understanding the link between functional profiles and intelligence through dimensionality reduction and graph analysis.	O
24	The human cerebellum in reward anticipation and outcome processing: An activation likelihood estimation meta-analysis. 2023 , 149, 105171	0
23	Reduced connectivity of the cognitive control neural network at rest in young adults who had their first drink of alcohol prior to age 18. 2023 , 332, 111642	O
22	Evaluating methods for measuring background connectivity in slow event-related functional magnetic resonance imaging designs.	0
21	Cognition, body, and mind: A three-in-one coordinate-based fMRI meta-analysis on cognitive, physical, and meditative trainings.	O
20	The longitudinal relation between executive functioning and multilayer network topology in glioma patients.	0
19	Enhancing the network specific individual characteristics in rs-fMRI functional connectivity by dictionary learning.	O
18	Magnetic resonance-guided focused ultrasound thalamotomy rebalances atypical functional hierarchy in patients with Essential Tremor.	0
17	Comparing data-driven physiological denoising approaches for resting-state fMRI: Implications for the study of aging.	O
16	The transition from vision to language: distinct patterns of functional connectivity for sub-regions of the visual word form area.	0
15	A somato-cognitive action network alternates with effector regions in motor cortex.	O
14	A task-general connectivity model reveals variation in convergence of cortical inputs to functional regions of the cerebellum. 12,	0
13	Macroscale Thalamic Functional Organization Disturbances and Underlying Core Cytoarchitecture in Early-Onset Schizophrenia.	O

12	Evolution of cortical geometry and its link to function, behaviour and ecology. 2023, 14,	O
11	Imaging the Spin: Disentangling the Core Processes Underlying Mental Rotation by Network Mapping of Data From Meta-analysis. 2023 , 105187	O
10	A Cross-Sectional Study: Structural and Related Functional Connectivity Changes in the Brain: Stigmata of Adverse Parenting in Patients with Major Depressive Disorder?. 2023 , 13, 694	0
9	TMS-evoked responses are driven by recurrent large-scale network dynamics. 12,	O
8	Exploring the influence of functional architecture on cortical thickness networks in early psychosis la longitudinal study. 2023 , 120127	O
7	Aberrant connectivity in the right amygdala and right middle temporal gyrus before and after a suicide attempt: Examining markers of suicide risk. 2023 ,	O
6	Functional Connectivity of White Matter and Its Association with Sleep Quality. Volume 15, 287-300	O
5	A generalizable functional connectivity signature characterizes brain dysfunction and links to rTMS treatment response in cocaine use disorder.	O
4	The functional anatomy of dystonia: Recent developments. 2023,	O
3	Network connectivity and local transcriptomic vulnerability underpin cortical atrophy progression in Parkinson disease.	O
2	Time-resolved network control analysis links reduced control energy under DMT with the serotonin 2a receptor, signal diversity, and subjective experience.	0
1	Aberrant Multimodal Connectivity Pattern Involved in Default Mode Network and Limbic Network in Amyotrophic Lateral Sclerosis. 2023 , 13, 803	O