

CITATION REPORT

List of articles citing

The human brain is intrinsically organized into dynamic, anticorrelated functional networks

DOI: 10.1073/pnas.0504136102

Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 9673-8.

Source: <https://exaly.com/paper-pdf/39222548/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
2232	Functional brain imaging of acute pain in healthy humans. 329-422		
2231	Functional imaging of chronic pain. 540-589		
2230	Brain networks that track musical structure. 2005 , 1060, 111-24		32
2229	Intrinsic brain activity sets the stage for expression of motivated behavior. 2005 , 493, 167-76		176
2228	Cortical systems mediating visual attention to both objects and spatial locations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 11387-92	11.5	73
2227	Discriminative analysis of early Alzheimer's disease based on two intrinsically anti-correlated networks with resting-state fMRI. 2006 , 9, 340-7		46
2226	Consistent resting-state networks across healthy subjects. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 13848-53	11.5	3210
2225	Spontaneous neuronal activity distinguishes human dorsal and ventral attention systems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 10046-51	11.5	1515
2224	Individual differences in anatomy predict reading and oral language impairments in children. 2006 , 129, 3329-42		91
2223	Brain work and brain imaging. 2006 , 29, 449-76		1110
2222	Changes in hippocampal connectivity in the early stages of Alzheimer's disease: evidence from resting state fMRI. 2006 , 31, 496-504		635
2221	Quantitative evaluation of interrelations between spontaneous low-frequency oscillations in cerebral hemodynamics and systemic cardiovascular dynamics. 2006 , 31, 1592-600		113
2220	Separating respiratory-variation-related fluctuations from neuronal-activity-related fluctuations in fMRI. 2006 , 31, 1536-48		1019
2219	Parallel memory systems for talking about location and age in precuneus, caudate and Broca's region. 2006 , 32, 1850-64		81
2218	Where the BOLD signal goes when alpha EEG leaves. 2006 , 31, 1408-18		298
2217	Content- and task-specific dissociations of frontal activity during maintenance and manipulation in visual working memory. 2006 , 26, 4465-71		87
2216	Dynamics of sequential decision making. 2006 , 97, 188103		20

2215	Regional brain cerebral glucose metabolism and temperament: a positron emission tomography study. 2006 , 396, 33-7	24
2214	A core system for the implementation of task sets. 2006 , 50, 799-812	1335
2213	Single-trial EEG-fMRI reveals the dynamics of cognitive function. 2006 , 10, 558-63	311
2212	Widespread functional disconnectivity in schizophrenia with resting-state functional magnetic resonance imaging. 2006 , 17, 209-13	338
2211	Coherent spontaneous activity accounts for trial-to-trial variability in human evoked brain responses. 2006 , 9, 23-5	529
2210	The neural bases of momentary lapses in attention. 2006 , 9, 971-8	1196
2209	Models of human visual attention should consider trial-by-trial variability in preparatory neural signals. 2006 , 19, 1447-9	9
2208	Generation and reshaping of sequences in neural systems. 2006 , 95, 519-36	41
2207	Laboratory of attention and brain recovery at Washington University, St. Louis. 2006 , 7, 209-11	
2206	Gustatory processing: a dynamic systems approach. 2006 , 16, 420-8	47
2205	How default is the default mode of brain function? Further evidence from intrinsic BOLD signal fluctuations. 2006 , 44, 2836-45	499
2204	Multi-target strategies for the improved treatment of depressive states: Conceptual foundations and neuronal substrates, drug discovery and therapeutic application. 2006 , 110, 135-370	433
2203	Temporal lobe interictal epileptic discharges affect cerebral activity in "default mode" brain regions. 2007 , 28, 1023-32	237
2202	Functional connectivity of the fusiform gyrus during a face-matching task in subjects with mild cognitive impairment. 2006 , 129, 1113-24	192
2201	Neural connections of the posteromedial cortex in the macaque. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 1563-8	11.5 235
2200	Failing to deactivate: resting functional abnormalities in autism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 8275-80	11.5 488
2199	Investigating audiovisual integration of emotional signals in the human brain. 2006 , 156, 345-61	79
2198	Dissociating arbitrary stimulus-response mapping from movement planning during preparatory period: evidence from event-related functional magnetic resonance imaging. 2006 , 26, 2704-13	81

2197	Symmetry of cortical folding abnormalities in Williams syndrome revealed by surface-based analyses. 2006 , 26, 5470-83		150
2196	Coherent spontaneous activity identifies a hippocampal-parietal memory network. 2006 , 96, 3517-31		813
2195	A comparison of resting-state brain activity in humans and chimpanzees. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 17146-51	11.5	158
2194	Selective changes of resting-state networks in individuals at risk for Alzheimer's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 18760-5	11.5	806
2193	Nicotine enhances visuospatial attention by deactivating areas of the resting brain default network. 2007 , 27, 3477-89		165
2192	The triphasic intrinsic signal: implications for functional imaging. 2007 , 27, 4572-86		77
2191	Cortical folding abnormalities in autism revealed by surface-based morphometry. 2007 , 27, 11725-35		211
2190	Inhibitory deficit theory: Recent developments in a "new view". 145-162		151
2189	Resting-state networks in the infant brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 15531-6	11.5	497
2188	Abnormal default-mode network activation in cirrhotic patients: a functional magnetic resonance imaging study. 2007 , 48, 781-7		26
2187	Are anticorrelated networks in the brain relevant to schizophrenia?. 2007 , 33, 994-1003		95
2186	Extrinsic and intrinsic systems in the posterior cortex of the human brain revealed during natural sensory stimulation. 2007 , 17, 766-77		289
2185	Whole brain functional connectivity in the early blind. 2007 , 130, 2085-96		203
2184	Effects of gamma-aminobutyric acid-modulating drugs on working memory and brain function in patients with schizophrenia. 2007 , 64, 156-67		90
2183	Age differences in deactivation: a link to cognitive control?. 2007 , 19, 1021-32		250
2182	Cortical deactivation in mild cognitive impairment: high-field-strength functional MR imaging. 2007 , 245, 224-35		119
2181	Interactions of pain intensity and cognitive load: the brain stays on task. 2007 , 17, 1412-22		129
2180	Gap junctions mediate large-scale Turing structures in a mean-field cortex driven by subcortical noise. 2007 , 76, 011916		40

2179	Dissociable intrinsic connectivity networks for salience processing and executive control. 2007 , 27, 2349-56	4845
2178	Retinotopic mapping of adult human visual cortex with high-density diffuse optical tomography. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 12169-74	11.5 263
2177	Spontaneous low-frequency fluctuations in the BOLD signal in schizophrenic patients: anomalies in the default network. 2007 , 33, 1004-12	456
2176	Brain networks subserving the extraction of sentence information and its encoding to memory. 2007 , 17, 2899-913	64
2175	Pain enhances functional connectivity of a brain network evoked by performance of a cognitive task. 2007 , 97, 3651-9	124
2174	Trade-offs between gaze and working memory use. 2007 , 33, 1352-65	72
2173	Divergent social functioning in behavioral variant frontotemporal dementia and Alzheimer disease: reciprocal networks and neuronal evolution. 2007 , 21, S50-7	125
2172	Increased amygdala and insula activation during emotion processing in anxiety-prone subjects. 2007 , 164, 318-27	600
2171	The role of impaired neuronal communication in neurological disorders. 2007 , 20, 655-60	102
2170	Partial correlation mapping of brain functional connectivity with resting state fMRI. 2007 ,	1
2169	Combined activation and deactivation of visual cortex during tactile sensory processing. 2007 , 97, 1633-41	108
2168	Morphological substrate of face matching in healthy ageing and mild cognitive impairment: a combined MRI-fMRI study. 2007 , 130, 1745-58	41
2167	Emotion and consciousness. 2007 , 11, 158-67	127
2166	Decoding human brain activity during real-world experiences. 2007 , 11, 356-65	140
2165	Breakdown of functional connectivity in frontoparietal networks underlies behavioral deficits in spatial neglect. 2007 , 53, 905-18	729
2164	Brain states: top-down influences in sensory processing. 2007 , 54, 677-96	696
2163	Intrinsic fluctuations within cortical systems account for intertrial variability in human behavior. 2007 , 56, 171-84	625
2162	Surface-based and probabilistic atlases of primate cerebral cortex. 2007 , 56, 209-25	398

2161	Disruption of large-scale brain systems in advanced aging. 2007 , 56, 924-35	1171
2160	Anxiety, respiration, and cerebral blood flow: implications for functional brain imaging. 2007 , 48, 103-12	52
2159	Functional MRI today. 2007 , 63, 138-45	46
2158	Functional dysconnectivity of the dorsolateral prefrontal cortex in first-episode schizophrenia using resting-state fMRI. 2007 , 417, 297-302	238
2157	Individual differences in EEG theta and alpha dynamics during working memory correlate with fMRI responses across subjects. 2007 , 118, 2419-36	123
2156	Complex spatio-temporal dynamics of fMRI BOLD: A study of motor learning. 2007 , 34, 156-68	32
2155	Does the brain have a baseline? Why we should be resisting a rest. 2007 , 37, 1073-1082	280
2154	In vivo mapping of functional connectivity in neurotransmitter systems using pharmacological MRI. 2007 , 34, 1627-36	105
2153	Towards natural stimulation in fMRI--issues of data analysis. 2007 , 35, 131-9	96
2152	Regional coherence changes in the early stages of Alzheimer's disease: a combined structural and resting-state functional MRI study. 2007 , 35, 488-500	434
2151	A method for using blocked and event-related fMRI data to study "resting state" functional connectivity. 2007 , 35, 396-405	434
2150	Unrest at rest: default activity and spontaneous network correlations. 2007 , 37, 1091-6; discussion 1097-9	434
2149	Mental rotation and object categorization share a common network of prefrontal and dorsal and ventral regions of posterior cortex. 2007 , 35, 1264-77	59
2148	Amplitude of low frequency fluctuation within visual areas revealed by resting-state functional MRI. 2007 , 36, 144-52	361
2147	A default mode of brain function: a brief history of an evolving idea. 2007 , 37, 1083-90; discussion 1097-9	1570
2146	The relationship within and between the extrinsic and intrinsic systems indicated by resting state correlational patterns of sensory cortices. 2007 , 36, 684-90	68
2145	Cerebro-muscular and cerebro-cerebral coherence in patients with pre- and perinatally acquired unilateral brain lesions. 2007 , 37, 1301-14	24
2144	Independent component analysis of interictal fMRI in focal epilepsy: comparison with general linear model-based EEG-correlated fMRI. 2007 , 38, 488-500	75

2143	fMRI during natural sleep as a method to study brain function during early childhood. 2007 , 38, 696-707	62
2142	Development of distinct control networks through segregation and integration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 13507-12	11.5 915
2141	Baseline brain activity fluctuations predict somatosensory perception in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 12187-92	11.5 412
2140	Asymmetry of anticipatory activity in visual cortex predicts the locus of attention and perception. 2007 , 27, 14424-33	94
2139	Electrophysiological signatures of resting state networks in the human brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 13170-5	11.5 1415
2138	Synchronized delta oscillations correlate with the resting-state functional MRI signal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 18265-9	11.5 329
2137	Network structure of cerebral cortex shapes functional connectivity on multiple time scales. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 10240-5	11.5 1321
2136	Aging, self-referencing, and medial prefrontal cortex. 2007 , 2, 117-33	156
2135	Schizophrenia and frontal cortex: where does it fail?. 2007 , 91, 73-81	19
2134	Functional disintegration in paranoid schizophrenia using resting-state fMRI. 2007 , 97, 194-205	336
2133	Resting-state functional connectivity in major depression: abnormally increased contributions from subgenual cingulate cortex and thalamus. 2007 , 62, 429-37	1650
2132	A blueprint for real-time functional mapping via human intracranial recordings. 2007 , 2, e1094	64
2131	The brain near the edge. 2007 ,	4
2130	Stabilities of negative correlations between blood oxygen level-dependent signals associated with sensory and motor cortices. 2007 , 28, 681-90	17
2129	Altered functional connectivity in early Alzheimer's disease: a resting-state fMRI study. 2007 , 28, 967-78	551
2128	Whole brain analysis of T2* weighted baseline FMRI signal in dementia. 2007 , 28, 1313-7	27
2127	Perspectives on the neuroscience of cognition and consciousness. 2007 , 87, 82-95	26
2126	Metastability, criticality and phase transitions in brain and its models. 2007 , 90, 496-508	136

2125	Spontaneous attentional fluctuations in impaired states and pathological conditions: a neurobiological hypothesis. 2007 , 31, 977-86	644
2124	Pharmacological modulation of functional connectivity: the correlation structure underlying the phMRI response to d-amphetamine modified by selective dopamine D3 receptor antagonist SB277011A. 2007 , 25, 811-20	60
2123	Assessing functional connectivity in the human brain by fMRI. 2007 , 25, 1347-57	301
2122	Neurology: an awakening. 2007 , 448, 539-40	4
2121	Spontaneous fluctuations in brain activity observed with functional magnetic resonance imaging. 2007 , 8, 700-11	4876
2120	Intrinsic functional architecture in the anaesthetized monkey brain. 2007 , 447, 83-6	1462
2119	Dense gap-junction connections support dynamic Turing structures in the cortex. 2007 , 8,	78
2118	Medial versus lateral prefrontal dissociation in movement selection and inhibitory control. 2007 , 1132, 139-47	21
2117	Dynamic functional connectivity. 2007 , 17, 161-70	95
2116	Alterations of fronto-temporal connectivity during word encoding in schizophrenia. 2007 , 154, 221-32	92
2115	Default mode network as revealed with multiple methods for resting-state functional MRI analysis. 2008 , 171, 349-55	133
2114	Schizopsychotic symptom-profiles and biomarkers: beacons in diagnostic labyrinths. 2008 , 14, 79-96	5
2113	A new integrative model of cerebral activation, deactivation and default mode function in Alzheimer's disease. 2008 , 35 Suppl 1, S12-24	41
2112	Cortical network dynamics with time delays reveals functional connectivity in the resting brain. 2008 , 2, 115-20	94
2111	Brain structural and functional abnormalities in mood disorders: implications for neurocircuitry models of depression. 2008 , 213, 93-118	1540
2110	Mourning and melancholia revisited: correspondences between principles of Freudian metapsychology and empirical findings in neuropsychiatry. 2008 , 7, 9	68
2109	The intrinsic and extrinsic aspects of freezing of gait. 2008 , 23 Suppl 2, S439-43	76
2108	Complementary circuits connecting the orbital and medial prefrontal networks with the temporal, insular, and opercular cortex in the macaque monkey. 2008 , 506, 659-93	273

2107	Cortical network for vibrotactile attention: a fMRI study. 2008 , 29, 207-21	55
2106	Altered functional connectivity of primary visual cortex in early blindness. 2008 , 29, 533-43	98
2105	Cortical dynamics of word recognition. 2008 , 29, 1215-30	106
2104	White matter vascular lesions are related to parietal-to-frontal coupling of EEG rhythms in mild cognitive impairment. 2008 , 29, 1355-67	46
2103	Neural correlates of orthographic and phonological consistency effects in children. 2008 , 29, 1416-29	62
2102	Visual target modulation of functional connectivity networks revealed by self-organizing group ICA. 2008 , 29, 1450-61	33
2101	Persistent default-mode network connectivity during light sedation. 2008 , 29, 839-47	433
2100	Resting in peace or noise: scanner background noise suppresses default-mode network. 2008 , 29, 858-67	46
2099	Neuronal correlates of spontaneous fluctuations in fMRI signals in monkey visual cortex: Implications for functional connectivity at rest. 2008 , 29, 751-61	424
2098	Endogenous brain fluctuations and diagnostic imaging. 2008 , 29, 810-7	32
2097	The power of spectral density analysis for mapping endogenous BOLD signal fluctuations. 2008 , 29, 778-90	104
2096	Consciousness and cerebral baseline activity fluctuations. 2008 , 29, 868-74	56
2095	Mapping functional connectivity in patients with brain lesions. 2008 , 63, 193-203	183
2094	Synchronization in complex networks. 2008 , 469, 93-153	2392
2093	Network homogeneity reveals decreased integrity of default-mode network in ADHD. 2008 , 169, 249-54	322
2092	Neuronal correlates of "free will" are associated with regional specialization in the human intrinsic/default network. 2008 , 17, 587-601	23
2091	Neural correlates of a clinical continuous performance test. 2008 , 26, 504-12	68
2090	Community structure and modularity in networks of correlated brain activity. 2008 , 26, 914-20	67

2089	Spontaneous low-frequency blood oxygenation level-dependent fluctuations and functional connectivity analysis of the 'resting' brain. 2008 , 26, 1055-64	163
2088	Sleep deprivation and vigilant attention. 2008 , 1129, 305-22	749
2087	Intrinsic brain activity in altered states of consciousness: how conscious is the default mode of brain function?. 2008 , 1129, 119-29	297
2086	The brain's default network: anatomy, function, and relevance to disease. 2008 , 1124, 1-38	6450
2085	Activiteit in het brein als men gevraagd wordt niets te doen. 2008 , 12, 86-91	2
2084	Functional imaging of stroke recovery: an ecological review from a neural network perspective with an emphasis on motor systems. 2008 , 18, 227-36	23
2083	Interhemispheric correlations of slow spontaneous neuronal fluctuations revealed in human sensory cortex. 2008 , 11, 1100-8	374
2082	Sensory-motor mechanisms in human parietal cortex underlie arbitrary visual decisions. 2008 , 11, 1446-53	166
2081	The impact of magnetic resonance imaging-detected white matter hyperintensities on longitudinal changes in regional cerebral blood flow. 2008 , 28, 190-7	41
2080	Multimodal and Multi-tissue Measures of Connectivity Revealed by Joint Independent Component Analysis. 2008 , 2, 986-997	31
2079	Uncovering genes for cognitive (dys)function and predisposition for alcoholism spectrum disorders: a review of human brain oscillations as effective endophenotypes. 2008 , 1235, 153-71	53
2078	Group independent component analysis reveals consistent resting-state networks across multiple sessions. 2008 , 1239, 141-51	103
2077	Decreased functional coupling of the amygdala and supragenual cingulate is related to increased depression in unmedicated individuals with current major depressive disorder. 2008 , 111, 13-20	144
2076	An extended theory of global workspace of consciousness. 2008 , 18, 789-793	1
2075	Data-driven clustering reveals a fundamental subdivision of the human cortex into two global systems. 2008 , 46, 540-53	142
2074	Regional homogeneity, functional connectivity and imaging markers of Alzheimer's disease: a review of resting-state fMRI studies. 2008 , 46, 1648-56	186
2073	Emergent complexity: What uphill analysis or downhill invention cannot do. 2008 , 26, 158-173	19
2072	Altered resting-state functional connectivity and anatomical connectivity of hippocampus in schizophrenia. 2008 , 100, 120-32	249

2071	Functional connectivity of human striatum: a resting state fMRI study. 2008 , 18, 2735-47	807
2070	Cingulate-precuneus interactions: a new locus of dysfunction in adult attention-deficit/hyperactivity disorder. 2008 , 63, 332-7	671
2069	Functional activation and neural networks in women with posttraumatic stress disorder related to intimate partner violence. 2008 , 64, 681-690	135
2068	Application of magnetic resonance imaging in animal models of perinatal hypoxic-ischemic cerebral injury. 2008 , 26, 13-25	29
2067	Emotional experience modulates brain activity during fixation periods between tasks. 2008 , 443, 72-6	13
2066	Unmixing concurrent EEG-fMRI with parallel independent component analysis. 2008 , 67, 222-34	88
2065	Frontal theta EEG activity correlates negatively with the default mode network in resting state. 2008 , 67, 242-51	280
2064	Fronto-striatal deficit in Parkinson's disease during semantic event sequencing. 2008 , 29, 397-407	58
2063	The reorienting system of the human brain: from environment to theory of mind. 2008 , 58, 306-24	2635
2062	The neural correlates of third-party punishment. 2008 , 60, 930-40	226
2061	The resting brain and our self: self-relatedness modulates resting state neural activity in cortical midline structures. 2008 , 157, 120-31	194
2060	Acupuncture modulates resting state connectivity in default and sensorimotor brain networks. 2008 , 136, 407-418	209
2059	Brain dynamics for perception of tactile allodynia (touch-induced pain) in postherpetic neuralgia. 2008 , 138, 641-656	68
2058	The precuneus/posterior cingulate cortex plays a pivotal role in the default mode network: Evidence from a partial correlation network analysis. 2008 , 42, 1178-84	866
2057	Small-world and scale-free organization of voxel-based resting-state functional connectivity in the human brain. 2008 , 43, 528-39	547
2056	BOLD study of stimulation-induced neural activity and resting-state connectivity in medetomidine-sedated rat. 2008 , 39, 248-60	158
2055	Competition between functional brain networks mediates behavioral variability. 2008 , 39, 527-37	935
2054	Imaging of odor perception delineates functional disintegration of the limbic circuits in mesial temporal lobe epilepsy. 2008 , 39, 578-92	20

2053	Effects of neonatal amygdala or hippocampus lesions on resting brain metabolism in the macaque monkey: a microPET imaging study. 2008 , 39, 832-46	34
2052	Isolation of saccade inhibition processes: rapid event-related fMRI of saccades and nogo trials. 2008 , 39, 793-804	35
2051	Localization of correlated network activity at the cortical level with MEG. 2008 , 39, 1706-20	41
2050	The intrinsic functional organization of the brain is altered in autism. 2008 , 39, 1877-85	382
2049	Mapping resting-state functional connectivity using perfusion MRI. 2008 , 40, 1595-605	95
2048	Transient and linearly graded deactivation of the human default-mode network by a visual detection task. 2008 , 41, 100-12	238
2047	Defining functional areas in individual human brains using resting functional connectivity MRI. 2008 , 41, 45-57	449
2046	Brain spontaneous functional connectivity and intelligence. 2008 , 41, 1168-76	237
2045	Low-dimensional embedding of fMRI datasets. 2008 , 41, 886-902	21
2044	Default-mode function and task-induced deactivation have overlapping brain substrates in children. 2008 , 41, 1493-503	118
2043	Social cognitive neural networks during in-group and out-group interactions. 2008 , 41, 1447-61	84
2042	Dynamic intra- and interhemispheric interactions during unilateral and bilateral hand movements assessed with fMRI and DCM. 2008 , 41, 1382-94	303
2041	Neural substrates of narrative comprehension and memory. 2008 , 41, 1408-25	124
2040	Frequency specificity of functional connectivity in brain networks. 2008 , 42, 1047-55	106
2039	A space-frequency analysis of MEG background processes. 2008 , 43, 478-88	
2038	Measuring brain connectivity: diffusion tensor imaging validates resting state temporal correlations. 2008 , 43, 554-61	349
2037	Very slow EEG fluctuations predict the dynamics of stimulus detection and oscillation amplitudes in humans. 2008 , 28, 8268-72	317
2036	Evidence for a frontoparietal control system revealed by intrinsic functional connectivity. 2008 , 100, 3328-42	1315

2035	Distinct cortical anatomy linked to subregions of the medial temporal lobe revealed by intrinsic functional connectivity. 2008 , 100, 129-39		371
2034	Structural insights into aberrant topological patterns of large-scale cortical networks in Alzheimer's disease. 2008 , 28, 4756-66		714
2033	Disrupted small-world networks in schizophrenia. 2008 , 131, 945-61		810
2032	Multimodal functional neuroimaging: integrating functional MRI and EEG/MEG. 2008 , 1, 23-40		88
2031	Age-related memory impairment associated with loss of parietal deactivation but preserved hippocampal activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 2181-6	11.5	301
2030	Large-scale model of mammalian thalamocortical systems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 3593-8	11.5	666
2029	Association of major depressive disorder with altered functional brain response during anticipation and processing of heat pain. 2008 , 65, 1275-84		204
2028	Loss of resting interhemispheric functional connectivity after complete section of the corpus callosum. 2008 , 28, 6453-8		247
2027	Neural processes supporting young and older adults' emotional memories. 2008 , 20, 1161-73		141
2026	Investigations of human EEG response to viewing fractal patterns. 2008 , 37, 1488-94		69
2025	Functional coactivation map of the human brain. 2008 , 18, 2553-9		320
2024	Beyond feeling: chronic pain hurts the brain, disrupting the default-mode network dynamics. 2008 , 28, 1398-403		569
2023	A functional magnetic resonance imaging study on the neural mechanisms of hyperalgesic placebo effect. 2008 , 28, 13354-62		199
2022	Effects of working memory load on oscillatory power in human intracranial EEG. 2008 , 18, 1843-55		134
2021	Microstructural organization of the cingulum tract and the level of default mode functional connectivity. 2008 , 28, 10844-51		258
2020	Neural predictors of moment-to-moment fluctuations in cognitive flexibility. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 13592-7	11.5	111
2019	Transient cognitive dynamics, metastability, and decision making. 2008 , 4, e1000072		221
2018	Where vision meets memory: prefrontal-posterior networks for visual object constancy during categorization and recognition. 2008 , 18, 1695-711		50

2017	Origin of synchronized low-frequency blood oxygen level-dependent fluctuations in the primary visual cortex. 2008 , 29, 1722-9		27
2016	Resting states affect spontaneous BOLD oscillations in sensory and paralimbic cortex. 2008 , 100, 922-31		92
2015	Mapping the structural core of human cerebral cortex. 2008 , 6, e159		2853
2014	Increased brain signal variability accompanies lower behavioral variability in development. 2008 , 4, e1000106		265
2013	Consistency and functional specialization in the default mode brain network. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 9781-6	11.5	269
2012	The maturing architecture of the brain's default network. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 4028-32	11.5	999
2011	Silence is golden: transient neural deactivation in the prefrontal cortex during attentive reading. 2008 , 18, 443-50		70
2010	Intrinsic functional relations between human cerebral cortex and thalamus. 2008 , 100, 1740-8		348
2009	Age-related differences in brain activity underlying working memory for spatial and nonspatial auditory information. 2008 , 18, 189-99		66
2008	Prediction of human errors by maladaptive changes in event-related brain networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 6173-8	11.5	354
2007	Spontaneous activity associated with primary visual cortex: a resting-state fMRI study. 2008 , 18, 697-704		108
2006	Medial temporal lobe BOLD activity at rest predicts individual differences in memory ability in healthy young adults. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 18555-60	11.5	48
2005	Functional MRI in the early diagnosis of Alzheimer's disease: is it time to refocus?. 2008 , 8, 169-75		11
2004	The functional integration of the anterior cingulate cortex during conflict processing. 2008 , 18, 796-805		131
2003	The Brain: What is Critical About It?. 2008 ,		15
2002	Asymmetry and dyslexia. 2008 , 33, 663-81		54
2001	Emotion, decision-making and the brain. 2008 , 31-53		7
2000	A Dynamical Framework for Human Skill Learning. 2008 , 189-203		2

1999	Cortical maps and modern phrenology. 2008 , 131, 2227-2233	18
1998	Default mode network connectivity: effects of age, sex, and analytic approach. 2008 , 19, 887-91	165
1997	Functional brain imaging and neurological recovery. 162-181	3
1996	Brain function in physiologically, pharmacologically, and pathologically altered states of consciousness. 2008 , 46, 131-46	35
1995	Imaging structural and functional connectivity: towards a unified definition of human brain organization?. 2008 , 21, 393-403	109
1994	Simultaneous EEG/functional magnetic resonance imaging at 4 Tesla: correlates of brain activity to spontaneous alpha rhythm during relaxation. 2008 , 25, 255-64	54
1993	Resting-state functional connectivity in neuropsychiatric disorders. 2008 , 21, 424-30	855
1992	Contribution of exploratory methods to the investigation of extended large-scale brain networks in functional MRI: methodologies, results, and challenges. 2008 , 2008, 218519	25
1991	Rule knowledge aids performance on spatial and object alternation tasks by alcoholic patients with and without Korsakoff's amnesia. 2007 , 3, 907-18	7
1990	Methylphenidate decreased the amount of glucose needed by the brain to perform a cognitive task. 2008 , 3, e2017	82
1989	"Thinking about not-thinking": neural correlates of conceptual processing during Zen meditation. 2008 , 3, e3083	116
1988	Exploring biological network dynamics with ensembles of graph partitions. 2010 , 166-77	7
1987	Top-down flow of visual spatial attention signals from parietal to occipital cortex. 2009 , 9, 18.1-14	96
1986	Repetition priming influences distinct brain systems: evidence from task-evoked data and resting-state correlations. 2009 , 101, 2632-48	58
1985	Large-Scale Functional Brain Network Abnormalities in Alzheimer's Disease: Insights from Functional Neuroimaging. 2009 , 21, 63-75	140
1984	Detection of regional blood flow using arterial spin labeling. 94-112	
1983	Uncovering intrinsic modular organization of spontaneous brain activity in humans. 2009 , 4, e5226	450
1982	Spontaneous brain activity in the default mode network is sensitive to different resting-state conditions with limited cognitive load. 2009 , 4, e5743	241

1981	Impact of working memory load on fMRI resting state pattern in subsequent resting phases. 2009 , 4, e7198	84
1980	Involvement of the intrinsic/default system in movement-related self recognition. 2009 , 4, e7527	24
1979	Unforgettable ultimatums? Expectation violations promote enhanced social memory following economic bargaining. 2009 , 3, 36	31
1978	Applications of multivariate pattern classification analyses in developmental neuroimaging of healthy and clinical populations. 2009 , 3, 32	45
1977	BDNF genotype modulates resting functional connectivity in children. 2009 , 3, 55	38
1976	Ising-like dynamics in large-scale functional brain networks. 2009 , 79, 061922	133
1975	Medial prefrontal cortex, secondary hyperalgesia, and the default mode network. 2009 , 29, 11424-5	4
1974	The neural architecture of music-evoked autobiographical memories. 2009 , 19, 2579-94	196
1973	Functional connectivity for somatosensory and motor cortex in spastic diplegia. 2009 , 26, 90-104	51
1972	Central and autonomic nervous system interaction is altered by short-term meditation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 8865-70	11.5 418
1971	Distinct cerebellar contributions to intrinsic connectivity networks. 2009 , 29, 8586-94	773
1970	Learning sculpts the spontaneous activity of the resting human brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 17558-63	11.5 589
1969	Source modeling sleep slow waves. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 1608-13	11.5 318
1968	Control networks in paediatric Tourette syndrome show immature and anomalous patterns of functional connectivity. 2009 , 132, 225-38	226
1967	Cortical hubs revealed by intrinsic functional connectivity: mapping, assessment of stability, and relation to Alzheimer's disease. 2009 , 29, 1860-73	2076
1966	Key role of coupling, delay, and noise in resting brain fluctuations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 10302-7	11.5 508
1965	Distributed and antagonistic contributions of ongoing activity fluctuations to auditory stimulus detection. 2009 , 29, 13410-7	242
1964	Right parietal brain activity precedes perceptual alternation of bistable stimuli. 2009 , 19, 55-65	159

1963	Functional brain networks develop from a "local to distributed" organization. 2009 , 5, e1000381	1040
1962	Contrasting activity profile of two distributed cortical networks as a function of attentional demands. 2009 , 29, 1191-201	107
1961	Functional connectivity of the macaque brain across stimulus and arousal states. 2009 , 29, 5897-909	57
1960	A paradigm shift in functional brain imaging. 2009 , 29, 12729-34	203
1959	Registration of EEG electrode positions to PET and fMRI images. 2009 ,	
1958	Acupuncture induce the different modulation patterns of the default mode network: an fMRI study. 2009 ,	
1957	RV-coefficient and its significance test in mapping brain functional connectivity. 2009 ,	1
1956	Combination of DTI and fMRI reveals the white matter changes correlating with the decline of default-mode network activity in Alzheimer's disease. 2009 ,	
1955	Noxious somatosensory stimulation affects the default mode of brain function: evidence from functional MR imaging. 2009 , 253, 797-804	39
1954	Spontaneous brain activity in the newborn brain during natural sleep--an fMRI study in infants born at full term. 2009 , 66, 301-5	167
1953	Distributed dynamical computation in neural circuits with propagating coherent activity patterns. 2009 , 5, e1000611	43
1952	Altered negative BOLD responses in the default-mode network during emotion processing in depressed subjects. 2009 , 34, 932-43	262
1951	L-dopa modulates functional connectivity in striatal cognitive and motor networks: a double-blind placebo-controlled study. 2009 , 29, 7364-78	238
1950	Cutting your nerve changes your brain. 2009 , 132, 3122-33	100
1949	Impact of Alzheimer's disease on the functional connectivity of spontaneous brain activity. 2009 , 6, 541-53	68
1948	Development of anterior cingulate functional connectivity from late childhood to early adulthood. 2009 , 19, 640-57	430
1947	Parsing pain perception between nociceptive representation and magnitude estimation. 2009 , 101, 875-87	181
1946	Effective connectivity analysis of default mode network based on the Bayesian network learning approach. 2009 ,	4

1945	High-field MRI reveals an acute impact on brain function in survivors of the magnitude 8.0 earthquake in China. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 15412-7	11.5	122
1944	Three stages and four neural systems in time estimation. 2009 , 29, 14803-11		81
1943	Direct electrophysiological measurement of human default network areas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 12174-7	11.5	107
1942	Association of nicotine addiction and nicotine's actions with separate cingulate cortex functional circuits. 2009 , 66, 431-41		203
1941	Reaching across the abyss: recent advances in functional magnetic resonance imaging and their potential relevance to disorders of consciousness. 2009 , 177, 261-74		36
1940	Zooming in and zooming out of the attentional focus: an FMRI study. 2009 , 19, 805-19		29
1939	Aberrant functional connectivity of dorsolateral prefrontal and cingulate networks in patients with major depression during working memory processing. 2009 , 39, 977-87		116
1938	Task-dependent organization of brain regions active during rest. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 10841-6	11.5	149
1937	Preoperative sensorimotor mapping in brain tumor patients using spontaneous fluctuations in neuronal activity imaged with functional magnetic resonance imaging: initial experience. 2009 , 65, 226-36		116
1936	Retrosplenial cortex connectivity in schizophrenia. 2009 , 174, 17-23		62
1935	A resting state network in the motor control circuit of the basal ganglia. 2009 , 10, 137		116
1934	Symbiotic relationship between brain structure and dynamics. 2009 , 10, 55		132
1933	Self-generated neural activity: models and perspective. 2009 , 10,		
1932	Inter-cortical time delays shape the brain in dynamical networks during rest. 2009 , 10,		
1931	Kernel Granger causality mapping effective connectivity on FMRI data. 2009 , 28, 1825-35		31
1930	Hierarchies in the Structure of Personality Traits. 2009 , 3, 812-826		38
1929	The resting human brain and motor learning. 2009 , 19, 1023-7		382
1928	Acupuncture modulates spontaneous activities in the anticorrelated resting brain networks. 2009 , 1279, 37-49		89

1927	Acupuncture mobilizes the brain's default mode and its anti-correlated network in healthy subjects. 2009 , 1287, 84-103	107
1926	Asymmetric connectivity reduction and its relationship to "HAROLD" in aging brain. 2009 , 1295, 149-58	55
1925	Abnormal resting-state functional connectivity patterns of the putamen in medication-naïve children with attention deficit hyperactivity disorder. 2009 , 1303, 195-206	156
1924	Resting interhemispheric functional magnetic resonance imaging connectivity predicts performance after stroke. 2010 , 67, 365-75	498
1923	Integrated local correlation: a new measure of local coherence in fMRI data. 2009 , 30, 13-23	47
1922	Stimulus-contrast-induced biases in activation order reveal interaction between V1/V2 and human MT+. 2009 , 30, 147-62	10
1921	Altered small-world brain functional networks in children with attention-deficit/hyperactivity disorder. 2009 , 30, 638-49	363
1920	Functional connectivity of default mode network components: correlation, anticorrelation, and causality. 2009 , 30, 625-37	771
1919	Parcellation-dependent small-world brain functional networks: a resting-state fMRI study. 2009 , 30, 1511-23	479
1918	Interrater and intermethod reliability of default mode network selection. 2009 , 30, 2293-303	97
1917	Functional connectivity in the default network during resting state is preserved in a vegetative but not in a brain dead patient. 2009 , 30, 2393-400	245
1916	Two systems of resting state connectivity between the insula and cingulate cortex. 2009 , 30, 2731-45	510
1915	Functional connectivity between the thalamus and visual cortex under eyes closed and eyes open conditions: a resting-state fMRI study. 2009 , 30, 3066-78	116
1914	Cardiorespiratory effects on default-mode network activity as measured with fMRI. 2009 , 30, 3031-42	98
1913	Syllable congruency and word frequency effects on brain activation. 2009 , 30, 3079-88	35
1912	Magnetoencephalographic gamma power reduction in patients with schizophrenia during resting condition. 2009 , 30, 3254-64	84
1911	Specialization in the default mode: Task-induced brain deactivations dissociate between visual working memory and attention. 2010 , 31, 126-39	133
1910	Metaanalytic connectivity modeling: delineating the functional connectivity of the human amygdala. 2010 , 31, 173-84	236

1909	Test-retest reproducibility of the default-mode network in healthy individuals. 2010 , 31, 237-46	132
1908	Resting state and task-induced deactivation: A methodological comparison in patients with schizophrenia and healthy controls. 2010 , 31, 424-37	106
1907	Specific somatotopic organization of functional connections of the primary motor network during resting state. 2010 , 31, 631-44	57
1906	Associations evoked during memory encoding recruit the context-network. 2009 , 19, 141-51	32
1905	Comparison of fMRI data from passive listening and active-response story processing tasks in children. 2009 , 29, 971-6	74
1904	Combining spatial and temporal information to explore function-guide action of acupuncture using fMRI. 2009 , 30, 41-6	41
1903	Spatiotemporal dynamics of low frequency fluctuations in BOLD fMRI of the rat. 2009 , 30, 384-93	103
1902	Disease state prediction from resting state functional connectivity. 2009 , 62, 1619-28	311
1901	Measurement of spontaneous signal fluctuations in fMRI: adult age differences in intrinsic functional connectivity. 2009 , 213, 571-85	47
1900	Abstracts of the Nineteenth Meeting of the European Neurological Society. June 20-24, 2009. Milan, Italy. 2009 , 256 Suppl 2, S3-250	4
1899	Review of methods for functional brain connectivity detection using fMRI. 2009 , 33, 131-9	172
1898	Background and evoked activity and their interaction in the human brain. 2009 , 27, 1140-50	11
1897	A serial functional connectivity MRI study in healthy individuals assessing the variability of connectivity measures: reduced interhemispheric connectivity in the motor network during continuous performance. 2009 , 27, 1347-59	12
1896	A disturbed sense of self in the psychosis prodrome: linking phenomenology and neurobiology. 2009 , 33, 807-17	116
1895	Cerebral white matter integrity and cognitive aging: contributions from diffusion tensor imaging. 2009 , 19, 415-35	306
1894	Negative BOLD in sensory cortices during verbal memory: a component in generating internal representations?. 2009 , 21, 221-31	29
1893	Consciousness related neural events viewed as brain state space transitions. 2009 , 3, 83-95	22
1892	Cognitive Computation with Autonomously Active Neural Networks: An Emerging Field. 2009 , 1, 77-90	52

1891	Preservation of crossmodal selective attention in healthy aging. 2009 , 198, 273-85		32
1890	Cortical deactivations during gastric fundus distension in health: visceral pain-specific response or attenuation of 'default mode' brain function? A H2 15O-PET study. 2009 , 21, 259-71		44
1889	Complex brain networks: graph theoretical analysis of structural and functional systems. 2009 , 10, 186-98		7021
1888	Resting state default-mode network connectivity in early depression using a seed region-of-interest analysis: decreased connectivity with caudate nucleus. 2009 , 63, 754-61		222
1887	Dissociation of attention and intention in human posterior parietal cortex: an fMRI study. 2009 , 29, 2083-91		19
1886	Distinct brain networks in recognition memory share a defined region in the precuneus. 2009 , 30, 1947-59		59
1885	Images-based suppression of unwanted global signals in resting-state functional connectivity studies. 2009 , 27, 1058-64		37
1884	Default-mode brain dysfunction in mental disorders: a systematic review. 2009 , 33, 279-96		1164
1883	Predicting human resting-state functional connectivity from structural connectivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 2035-40	11.5	2136
1882	The resting brain: unconstrained yet reliable. 2009 , 19, 2209-29		706
1881	Temporal sequence of hemispheric network activation during semantic processing: a functional network connectivity analysis. 2009 , 70, 238-46		25
1880	Concurrent brain-stimulation and neuroimaging for studies of cognition. 2009 , 13, 319-27		92
1879	A cognitive neuroscience hypothesis of mood and depression. 2009 , 13, 456-63		106
1878	A brief history of human brain mapping. 2009 , 32, 118-26		161
1877	Neurodegenerative diseases target large-scale human brain networks. 2009 , 62, 42-52		1620
1876	Posterior parietal cortex and episodic encoding: insights from fMRI subsequent memory effects and dual-attention theory. 2009 , 91, 139-54		239
1875	Neurofeedback improves executive functioning in children with autism spectrum disorders. 2009 , 3, 145-162		77
1874	Curing epilepsy: progress and future directions. 2009 , 14, 438-45		97

1873	Assessing neuronal networks: understanding Alzheimer's disease. 2009 , 89, 125-33	92
1872	Temporally anticorrelated brain networks during working memory performance reveal aberrant prefrontal and hippocampal connectivity in patients with schizophrenia. 2009 , 33, 1464-73	75
1871	Combining fMRI with EEG and MEG in order to relate patterns of brain activity to cognition. 2009 , 73, 43-52	89
1870	Intrinsically organized network for face perception during the resting state. 2009 , 454, 1-5	40
1869	Dopamine modulates default mode network deactivation in elderly individuals during the Tower of London task. 2009 , 458, 1-5	64
1868	Ultra-fast multispectral optical imaging of cortical oxygenation, blood flow, and intracellular calcium dynamics. 2009 , 17, 15670-8	138
1867	Preliminary fMRI findings in experimentally sleep-restricted adolescents engaged in a working memory task. 2009 , 5, 9	44
1866	Music and the self. 2009 , 131-141	5
1865	Weak Links. 2009 ,	53
1864	MRI of neuronal network structure, function, and plasticity. 2009 , 175, 483-96	44
1863	Is the rostro-caudal axis of the frontal lobe hierarchical?. 2009 , 10, 659-69	630
1862	Cognitive and emotional modulation of brain default operation. 2009 , 21, 1065-80	41
1861	Disruption of functional connectivity in clinically normal older adults harboring amyloid burden. 2009 , 29, 12686-94	444
1860	Experience sampling during fMRI reveals default network and executive system contributions to mind wandering. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 8719-24	11.5 1147
1859	Segregated fronto-cerebellar circuits revealed by intrinsic functional connectivity. 2009 , 19, 2485-97	566
1858	Hyperactivity and hyperconnectivity of the default network in schizophrenia and in first-degree relatives of persons with schizophrenia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 1279-84	11.5 1067
1857	The default mode network and self-referential processes in depression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 1942-7	11.5 981
1856	The global signal and observed anticorrelated resting state brain networks. 2009 , 101, 3270-83	1439

1855	Lateralization of the parietal old/new effect: an event-related fMRI study comparing recognition memory for words and faces. 2009 , 44, 232-42	47
1854	Influence of heart rate on the BOLD signal: the cardiac response function. 2009 , 44, 857-69	448
1853	MEG identifies dorsal medial brain activations during sleep. 2009 , 44, 455-68	53
1852	The impact of global signal regression on resting state correlations: are anti-correlated networks introduced?. 2009 , 44, 893-905	1766
1851	Functional connectivity of the human amygdala using resting state fMRI. 2009 , 45, 614-26	572
1850	Modeling brain activation patterns for the default and cognitive states. 2009 , 45, 298-311	33
1849	Cluster analysis of resting-state fMRI time series. 2009 , 45, 1117-25	88
1848	Caffeine reduces resting-state BOLD functional connectivity in the motor cortex. 2009 , 46, 56-63	58
1847	Modulation of functional connectivity with the syntactic and semantic demands of a Noun Phrase Formation Task: a possible role for the Default Network. 2009 , 46, 882-90	14
1846	Resting-state functional connectivity in the human brain revealed with diffuse optical tomography. 2009 , 47, 148-56	211
1845	Abnormalities of intrinsic functional connectivity in autism spectrum disorders. 2009 , 47, 764-72	400
1844	Effects of model-based physiological noise correction on default mode network anti-correlations and correlations. 2009 , 47, 1448-59	394
1843	Hemispheric asymmetry in cognitive division of anterior cingulate cortex: a resting-state functional connectivity study. 2009 , 47, 1579-89	63
1842	Transition from rest to movement: brain correlates revealed by functional connectivity. 2009 , 48, 207-16	36
1841	Evaluation of the effective connectivity of supplementary motor areas during motor imagery using Granger causality mapping. 2009 , 47, 1844-53	86
1840	Momentary reductions of attention permit greater processing of irrelevant stimuli. 2009 , 48, 609-15	31
1839	Static and dynamic characteristics of cerebral blood flow during the resting state. 2009 , 48, 515-24	159
1838	Default Network and Intelligence Difference. 2009 , 1, 101-109	14

1837	Cortical network functional connectivity in the descent to sleep. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 4489-94	11.5	349
1836	Default mode of brain activity demonstrated by positron emission tomography imaging in awake monkeys: higher rest-related than working memory-related activity in medial cortical areas. 2009 , 29, 14463-71		51
1835	Precuneus shares intrinsic functional architecture in humans and monkeys. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 20069-74	11.5	714
1834	Electrophysiological correlates of default-mode processing in macaque posterior cingulate cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 5948-53	11.5	126
1833	Correlations and anticorrelations in resting-state functional connectivity MRI: a quantitative comparison of preprocessing strategies. 2009 , 47, 1408-16		613
1832	Investigating the functional heterogeneity of the default mode network using coordinate-based meta-analytic modeling. 2009 , 29, 14496-505		412
1831	The Neurology of Consciousness: An Overview. 2009 , 375-412		14
1830	Where is the semantic system? A critical review and meta-analysis of 120 functional neuroimaging studies. 2009 , 19, 2767-96		2561
1829	BOLD correlates of EEG alpha phase-locking and the fMRI default mode network. 2009 , 45, 903-16		211
1828	Disrupted amygdalar subregion functional connectivity and evidence of a compensatory network in generalized anxiety disorder. 2009 , 66, 1361-72		456
1827	Resting-state spontaneous fluctuations in brain activity: a new paradigm for presurgical planning using fMRI. 2009 , 16, 578-83		122
1826	The restless brain: attention-deficit hyperactivity disorder, resting-state functional connectivity, and intrasubject variability. 2009 , 54, 665-72		64
1825	Neural substrates of self-regulatory control in children and adults with Tourette syndrome. 2009 , 54, 579-88		31
1824	Changes in resting state effective connectivity in the motor network following rehabilitation of upper extremity poststroke paresis. 2009 , 16, 270-81		76
1823	Subchronic SSRI administration reduces insula response during affective anticipation in healthy volunteers. 2009 , 12, 1009-20		54
1822	What can spontaneous fluctuations of the blood oxygenation-level-dependent signal tell us about psychiatric disorders?. 2010 , 23, 239-49		111
1821	Consistent pivotal role of posterior cingulate cortex in the default mode network revealed by partial correlation analysis. 2010 ,		
1820	The 'intrinsic' system in the human cortex and self-projection: a data driven analysis. 2010 , 21, 569-74		6

1819	Subsequent memory-dependent EEG theta correlates to parahippocampal blood oxygenation level-dependent response. 2010 , 21, 168-72	15
1818	Subgenual cingulate connectivity in children with a history of preschool-depression. 2010 , 21, 1182-8	39
1817	Evidence for the default network's role in spontaneous cognition. 2010 , 104, 322-35	443
1816	Brain specificity of diffuse optical imaging: improvements from superficial signal regression and tomography. 2010 , 2,	88
1815	DPARF: A MATLAB Toolbox for "Pipeline" Data Analysis of Resting-State fMRI. 2010 , 4, 13	1980
1814	Network scaling effects in graph analytic studies of human resting-state FMRI data. 2010 , 4, 22	289
1813	The relation of ongoing brain activity, evoked neural responses, and cognition. 2010 , 4, 20	147
1812	Reproducibility of graph metrics in FMRI networks. 2010 , 4, 117	72
1811	Plasticity of brain networks in a randomized intervention trial of exercise training in older adults. 2010 , 2,	343
1810	Graph-based network analysis of resting-state functional MRI. 2010 , 4, 16	350
1809	Altered functional connectivity and small-world in mesial temporal lobe epilepsy. 2010 , 5, e8525	391
1808	Does mind wandering reflect executive function or executive failure? Comment on Smallwood and Schooler (2006) and Watkins (2008). 2010 , 136, 188-197	322
1807	Analysis of connectivity in the resting state of the default mode of brain function: a major role for the cerebellum?. 2010 , 9, 236	
1806	Breakdown of within- and between-network resting state functional magnetic resonance imaging connectivity during propofol-induced loss of consciousness. 2010 , 113, 1038-53	462
1805	Resisting emotional interference: brain regions facilitating working memory performance during negative distraction. 2010 , 10, 159-73	91
1804	Metastability and Transients in Brain Dynamics: Problems and Rigorous Results. 2010 , 133-175	2
1803	Disease and the brain's dark energy. 2010 , 6, 15-28	673
1802	Functional connectivity between task-positive and task-negative brain areas and its relation to working memory performance. 2010 , 28, 1051-7	235

1801	A new approach to estimating the signal dimension of concatenated resting-state functional MRI data sets. 2010 , 28, 1344-52	4
1800	Evaluating the effective connectivity of resting state networks using conditional Granger causality. 2010 , 102, 57-69	159
1799	Role of the anterior insula in task-level control and focal attention. 2010 , 214, 669-80	323
1798	Saliency, switching, attention and control: a network model of insula function. 2010 , 214, 655-67	3221
1797	Evaluation of data-driven network analysis approaches for functional connectivity MRI. 2010 , 215, 129-40	9
1796	Graph theoretical analysis of structural and functional connectivity MRI in normal and pathological brain networks. 2010 , 23, 409-21	204
1795	Group ICA of resting-state data: a comparison. 2010 , 23, 317-25	34
1794	Increased sleep pressure reduces resting state functional connectivity. 2010 , 23, 375-89	114
1793	A historical perspective on the evolution of resting-state functional connectivity with MRI. 2010 , 23, 279-88	20
1792	An investigation of brain processes supporting meditation. 2010 , 11, 57-84	83
1791	Spontaneous brain activity observed with functional magnetic resonance imaging as a potential biomarker in neuropsychiatric disorders. 2010 , 4, 275-94	37
1790	Cognitive resource allocation for neural activity underlying mathematical cognition: a multi-method study. 2010 , 42, 579-590	14
1789	Recognition without identification, erroneous familiarity, and <i>dj'vu</i> . 2010 , 12, 165-73	28
1788	Development of the brain's functional network architecture. 2010 , 20, 362-75	94
1787	Effects of heartbeat and respiration on macaque fMRI: implications for functional connectivity. 2010 , 48, 1886-94	23
1786	The default network and processing of personally relevant information: converging evidence from task-related modulations and functional connectivity. 2010 , 48, 3815-23	41
1785	Exploring the brain in pain: activations, deactivations and their relation. 2010 , 148, 257-267	160
1784	Structural and functional imaging approaches in attention deficit/hyperactivity disorder: does the temporal lobe play a key role?. 2010 , 183, 230-6	92

1783	Default mode network abnormalities in bipolar disorder and schizophrenia. 2010 , 183, 59-68	299
1782	Modulating spontaneous brain activity using repetitive transcranial magnetic stimulation. 2010 , 11, 145	58
1781	Internal representation of hierarchical sequences involves the default network. 2010 , 11, 54	8
1780	Neural development of networks for audiovisual speech comprehension. 2010 , 114, 101-14	101
1779	Alterations of resting state functional connectivity in the default network in adolescents with autism spectrum disorders. 2010 , 1313, 202-14	316
1778	Altered spontaneous neuronal activity of the default-mode network in mesial temporal lobe epilepsy. 2010 , 1323, 152-60	172
1777	Altered spontaneous low frequency brain activity in attention deficit/hyperactivity disorder. 2010 , 1322, 134-43	75
1776	Cerebral and functional adaptation with chronic hypoxia exposure: a multi-modal MRI study. 2010 , 1348, 21-9	31
1775	Neural mechanisms of recognizing scene configurations from multiple viewpoints. 2010 , 1363, 107-16	7
1774	Increased neural resources recruitment in the intrinsic organization in major depression. 2010 , 121, 220-30	176
1773	Reduced functional coupling in the default-mode network during self-referential processing. 2010 , 31, 1117-27	77
1772	Cognitive and default-mode resting state networks: do male and female brains "rest" differently?. 2010 , 31, 1713-26	104
1771	Somatosensory-evoked cortical activity in spastic diplegic cerebral palsy. 2010 , 31, 1772-85	44
1770	The "Task B problem" and other considerations in developmental functional neuroimaging. 2010 , 31, 852-62	119
1769	Is the ADHD brain wired differently? A review on structural and functional connectivity in attention deficit hyperactivity disorder. 2010 , 31, 904-16	406
1768	Common data elements in radiologic imaging of traumatic brain injury. 2010 , 32, 516-43	112
1767	Reliable differences in brain activity between young and old adults: a quantitative meta-analysis across multiple cognitive domains. 2010 , 34, 1178-94	234
1766	Visual inspection of independent components: defining a procedure for artifact removal from fMRI data. 2010 , 189, 233-45	276

1765	Mapping resting-state brain networks in conscious animals. 2010 , 189, 186-96	105
1764	Modulus and direction of the neural current vector identify distinct functional connectivity modes between human MT+ areas. 2010 , 192, 34-48	1
1763	Fully exploratory network ICA (FENICA) on resting-state fMRI data. 2010 , 192, 207-13	49
1762	Neuroimaging of cortical development and brain connectivity in human newborns and animal models. 2010 , 217, 418-28	51
1761	On distance-based permutation tests for between-group comparisons. 2010 , 66, 636-43	34
1760	Default mode network connectivity as a predictor of post-traumatic stress disorder symptom severity in acutely traumatized subjects. 2010 , 121, 33-40	206
1759	A central role for the lateral prefrontal cortex in goal-directed and stimulus-driven attention. 2010 , 13, 507-12	273
1758	Modeling Resting-State Brain Functional Integration. 2010 ,	1
1757	Human Biology, Energetics, and the Human Brain. 425-438	5
1756	Age differences in default mode activity on easy and difficult spatial judgment tasks. 2010 , 3, 75	73
1755	Whole brain resting-state analysis reveals decreased functional connectivity in major depression. 2010 , 4,	341
1754	Linear superposition of sensory-evoked and ongoing cortical hemodynamics. 2010 , 2,	16
1753	Face-Specific Resting Functional Connectivity between the Fusiform Gyrus and Posterior Superior Temporal Sulcus. 2010 , 4, 176	59
1752	Cognitive control signals in posterior cingulate cortex. 2010 , 4, 223	37
1751	Modular organization of brain resting state networks in chronic back pain patients. 2010 , 4, 116	39
1750	"Stay tuned": inter-individual neural synchronization during mutual gaze and joint attention. 2010 , 4, 127	152
1749	Maturing thalamocortical functional connectivity across development. 2010 , 4, 10	108
1748	Identifying Basal Ganglia divisions in individuals using resting-state functional connectivity MRI. 2010 , 4, 18	95

1747	Resting-state functional connectivity differences in premature children. 2010 , 4,	62
1746	Distinct superficial and deep laminar domains of activity in the visual cortex during rest and stimulation. 2010 , 4,	133
1745	A novel model-free data analysis technique based on clustering in a mutual information space: application to resting-state fMRI. 2010 , 4,	8
1744	Is Social Phobia a "Mis-Communication" Disorder? Brain Functional Connectivity during Face Perception Differs between Patients with Social Phobia and Healthy Control Subjects. 2010 , 4, 152	28
1743	Reduced Interhemispheric Functional Connectivity in the Motor Cortex during Rest in Limb-Onset Amyotrophic Lateral Sclerosis. 2010 , 4, 158	67
1742	Effects of Visual Experience on the Human MT+ Functional Connectivity Networks: An fMRI Study of Motion Perception in Sighted and Congenitally Blind Individuals. 2010 , 4, 159	31
1741	Altered effective connectivity network of the amygdala in social anxiety disorder: a resting-state fMRI study. 2010 , 5, e15238	128
1740	Functional connectivity of the posteromedial cortex. 2010 , 5, e13107	95
1739	Task-related effects on the temporal and spatial dynamics of resting-state functional connectivity in the default network. 2010 , 5, e13311	87
1738	Growth and Development. 377-378	
1737	Controlled memory processes in questionable Alzheimer's disease: a view from neuroimaging research. 2010 , 20, 547-60	18
1736	Clinical applications of resting state functional connectivity. 2010 , 4, 19	745
1735	Shared neural circuits for mentalizing about the self and others. 2010 , 22, 1623-35	256
1734	Impact of generalized brain arousal on sexual behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 2265-70	11.5 41
1733	Amygdalofrontal functional disconnectivity and aggression in schizophrenia. 2010 , 36, 1020-8	114
1732	Phase Coupling Estimation from Multivariate Phase Statistics. 2010 , 22, 3107-3126	26
1731	The number of attentional foci and their precision are dissociated in the posterior parietal cortex. 2010 , 20, 1341-9	20
1730	Long-range Interactions, Stochasticity and Fractional Dynamics. 2010 ,	13

1729	Neural predictors of within-subject fluctuations in attentional control. 2010 , 30, 11458-65	76
1728	A multivariate analysis of age-related differences in default mode and task-positive networks across multiple cognitive domains. 2010 , 20, 1432-47	247
1727	Aberrant temporal and spatial brain activity during rest in patients with chronic pain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 6493-7	11.5 135
1726	Reading networks at rest. 2010 , 20, 2549-59	105
1725	Advances and pitfalls in the analysis and interpretation of resting-state fMRI data. 2010 , 4, 8	624
1724	Low-frequency BOLD fluctuations demonstrate altered thalamocortical connectivity in schizophrenia. 2010 , 36, 713-22	134
1723	Correlated low-frequency BOLD fluctuations in the resting human brain are modulated by recent experience in category-preferential visual regions. 2010 , 20, 1997-2006	145
1722	Statistically optimal graph partition method based on modularity. 2010 ,	4
1721	Brain activation in complex partial seizures during switching from a the goal-directed task to a resting state: comparison of fMRI maps to the default mode network. 2010 , 2010, 5685-8	1
1720	Dynamic functional reorganization of the motor execution network after stroke. 2010 , 133, 1224-38	428
1719	Partitioning networks into clusters and residuals with average association. 2010 , 20, 033103	6
1718	. 2010 ,	1
1717	Intrinsic functional connectivity as a tool for human connectomics: theory, properties, and optimization. 2010 , 103, 297-321	1375
1716	Brain imaging of the neural systems affected in adults with attention-deficit/hyperactivity disorder. 2010 , 10, 1523-1527	
1715	Attention to memory and the environment: functional specialization and dynamic competition in human posterior parietal cortex. 2010 , 30, 8445-56	95
1714	Neuronal correlate of BOLD signal fluctuations at rest: err on the side of the baseline. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 10773-4	11.5 32
1713	Expectation-driven changes in cortical functional connectivity influence working memory and long-term memory performance. 2010 , 30, 14399-410	78
1712	Temporal dynamics of spontaneous MEG activity in brain networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 6040-5	11.5 531

1711	Divergent network connectivity changes in behavioural variant frontotemporal dementia and Alzheimer's disease. 2010 , 133, 1352-67		707
1710	Double dissociation of two cognitive control networks in patients with focal brain lesions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 12017-22	11.5	145
1709	Network-level structural covariance in the developing brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 18191-6	11.5	281
1708	Switching between executive and default mode networks in posttraumatic stress disorder: alterations in functional connectivity. 2010 , 35, 258-66		98
1707	Hybrid ICA-Seed-Based Methods for fMRI Functional Connectivity Assessment: A Feasibility Study. 2010 , 2010,		20
1706	Task-dependent individual differences in prefrontal connectivity. 2010 , 20, 2188-97		34
1705	Treatment with olanzapine is associated with modulation of the default mode network in patients with Schizophrenia. 2010 , 35, 904-12		153
1704	Topographic maps of multisensory attention. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 20110-4	11.5	64
1703	Reduced functional connectivity in a right-hemisphere network for volitional ocular motor control in schizophrenia. 2010 , 133, 625-37		35
1702	Noninvasive functional and structural connectivity mapping of the human thalamocortical system. 2010 , 20, 1187-94		275
1701	Functional MRI of verbal self-monitoring in schizophrenia: performance and illness-specific effects. 2010 , 36, 740-55		46
1700	Association of enhanced limbic response to threat with decreased cortical facial recognition memory response in schizophrenia. 2010 , 167, 418-26		48
1699	Resting brain connectivity: changes during the progress of Alzheimer disease. 2010 , 256, 598-606		222
1698	Decreased default mode neural modulation with age in schizophrenia. 2010 , 18, 897-907		13
1697	Adaptive Neuro-Fuzzy Inference System for brain abnormality segmentation. 2010 ,		6
1696	Patterns of brain activity supporting autobiographical memory, prospection, and theory of mind, and their relationship to the default mode network. 2010 , 22, 1112-23		678
1695	Glutamatergic and resting-state functional connectivity correlates of severity in major depression - the role of pregenual anterior cingulate cortex and anterior insula. 2010 , 4,		128
1694	Toward discovery science of human brain function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 4734-9	11.5	2183

1693	Exploring the electrophysiological correlates of the default-mode network with intracerebral EEG. 2010 , 4, 27	86
1692	Brain connectivity is not only lower but different in schizophrenia: a combined anatomical and functional approach. 2010 , 68, 61-9	352
1691	Atypical default network connectivity in youth with attention-deficit/hyperactivity disorder. 2010 , 68, 1084-91	266
1690	Altered function and connectivity of the medial frontal cortex in pediatric obsessive-compulsive disorder. 2010 , 68, 1039-47	114
1689	Do inter-regional gray-matter volumetric correlations reflect altered functional connectivity in high-risk offspring of schizophrenia patients?. 2010 , 118, 62-8	24
1688	Aberrant salience network (bilateral insula and anterior cingulate cortex) connectivity during information processing in schizophrenia. 2010 , 123, 105-15	171
1687	Multi-set canonical correlation analysis for the fusion of concurrent single trial ERP and functional MRI. 2010 , 50, 1438-45	110
1686	A group model for stable multi-subject ICA on fMRI datasets. 2010 , 51, 288-99	107
1685	Association of individual resting state EEG alpha frequency and cerebral blood flow. 2010 , 51, 365-72	101
1684	'Do I like this person?' A network analysis of midline cortex during a social preference task. 2010 , 51, 930-9	28
1683	BOLD correlates of EEG topography reveal rapid resting-state network dynamics. 2010 , 52, 1162-70	465
1682	Microstructural correlations of white matter tracts in the human brain. 2010 , 51, 531-41	81
1681	Subcortical functional connectivity and verbal episodic memory in healthy elderly--a resting state fMRI study. 2010 , 52, 379-88	100
1680	Distributed task coding throughout the multiple demand network of the human frontal-insular cortex. 2010 , 52, 252-62	36
1679	Development of functional and structural connectivity within the default mode network in young children. 2010 , 52, 290-301	381
1678	Reduced cognitive control of response inhibition by the anterior cingulate cortex in autism spectrum disorders. 2010 , 52, 336-47	151
1677	Nicotine replacement in abstinent smokers improves cognitive withdrawal symptoms with modulation of resting brain network dynamics. 2010 , 52, 590-9	152
1676	Selective aberrant functional connectivity of resting state networks in social anxiety disorder. 2010 , 52, 1549-58	235

1675	Gender consistency and difference in healthy adults revealed by cortical thickness. 2010 , 53, 373-82	75
1674	Hippocampal-cortical structural connectivity disruptions in schizophrenia: an integrated perspective from hippocampal shape, cortical thickness, and integrity of white matter bundles. 2010 , 52, 1181-9	57
1673	Detecting network modules in fMRI time series: a weighted network analysis approach. 2010 , 52, 1465-76	61
1672	Abnormal functional connectivity of default mode sub-networks in autism spectrum disorder patients. 2010 , 53, 247-56	462
1671	Default network activity, coupled with the frontoparietal control network, supports goal-directed cognition. 2010 , 53, 303-17	781
1670	Time lag dependent multimodal processing of concurrent fMRI and near-infrared spectroscopy (NIRS) data suggests a global circulatory origin for low-frequency oscillation signals in human brain. 2010 , 53, 553-64	138
1669	Mesocorticolimbic circuits are impaired in chronic cocaine users as demonstrated by resting-state functional connectivity. 2010 , 53, 593-601	237
1668	Distinct functional connectivity associated with lateral versus medial rostral prefrontal cortex: a meta-analysis. 2010 , 53, 1359-67	66
1667	Altered resting-state connectivity in subjects at ultra-high risk for psychosis: an fMRI study. 2010 , 6, 58	100
1666	Normal development of brain circuits. 2010 , 35, 147-68	761
1665	Social Cognitive Neuroscience. 2010 ,	48
1664	Neural basis of global resting-state fMRI activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 10238-43	11.5 688
1663	Distinct brain networks for time-varied characteristics of acupuncture. 2010 , 468, 353-8	27
1662	Functional connectivity in fronto-subcortical circuitry during the resting state in obsessive-compulsive disorder. 2010 , 474, 158-162	93
1661	Combining spatial and temporal information to explore resting-state networks changes in abstinent heroin-dependent individuals. 2010 , 475, 20-4	51
1660	Gray matter deficits and resting-state abnormalities in abstinent heroin-dependent individuals. 2010 , 482, 101-5	81
1659	Brain resting state is disrupted in chronic back pain patients. 2010 , 485, 26-31	138
1658	Cognitive reserve modulates task-induced activations and deactivations in healthy elders, amnesic mild cognitive impairment and mild Alzheimer's disease. 2010 , 46, 451-61	104

1657	Acupuncture, the limbic system, and the anticorrelated networks of the brain. 2010 , 157, 81-90	112
1656	Intrinsic functional connectivity of the periaqueductal gray, a resting fMRI study. 2010 , 211, 215-9	141
1655	Cortical dynamics of a self driven choice: a MEG study during a card sorting task. 2010 , 121, 508-15	11
1654	EEG-fMRI reciprocal functional neuroimaging. 2010 , 121, 1240-50	23
1653	Astrocytes and human cognition: modeling information integration and modulation of neuronal activity. 2010 , 92, 405-20	112
1652	The brain and its resting state activity--experimental and methodological implications. 2010 , 92, 593-600	68
1651	Age-related alterations in default mode network: impact on working memory performance. 2010 , 31, 839-52	364
1650	Enhanced brain correlations during rest are related to memory for recent experiences. 2010 , 65, 280-90	382
1649	Predicting value of pain and analgesia: nucleus accumbens response to noxious stimuli changes in the presence of chronic pain. 2010 , 66, 149-60	371
1648	A parcellation scheme for human left lateral parietal cortex. 2010 , 67, 156-70	297
1647	The development of human functional brain networks. 2010 , 67, 735-48	543
1646	I know the pain you feel-how the human brain's default mode predicts our resonance to another's suffering. 2010 , 169, 143-8	41
1645	Reliability of cortical activity during natural stimulation. 2010 , 14, 40-8	379
1644	Dreaming and the brain: from phenomenology to neurophysiology. 2010 , 14, 88-100	316
1643	Statistically optimal perception and learning: from behavior to neural representations. 2010 , 14, 119-30	413
1642	The multiple-demand (MD) system of the primate brain: mental programs for intelligent behaviour. 2010 , 14, 172-9	1076
1641	Two views of brain function. 2010 , 14, 180-90	734
1640	Large-scale brain networks in cognition: emerging methods and principles. 2010 , 14, 277-90	1510

1639	Cognitive neuroscience 2.0: building a cumulative science of human brain function. 2010 , 14, 489-96	139
1638	Rest-stimulus interaction in the brain: a review. 2010 , 33, 277-84	197
1637	Network architecture of the long-distance pathways in the macaque brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 13485-90	11.5 243
1636	Dissociating the roles of the default-mode, dorsal, and ventral networks in episodic memory retrieval. 2010 , 50, 1648-57	190
1635	Identifying the brain's most globally connected regions. 2010 , 49, 3132-48	407
1634	Exploring the brain network: a review on resting-state fMRI functional connectivity. 2010 , 20, 519-34	1915
1633	Time-frequency dynamics of resting-state brain connectivity measured with fMRI. 2010 , 50, 81-98	1197
1632	COMT genotype and its role on hippocampal-prefrontal regions in declarative memory. 2010 , 53, 978-84	32
1631	Functional connectivity and alterations in baseline brain state in humans. 2010 , 49, 823-34	160
1630	Sources of group differences in functional connectivity: an investigation applied to autism spectrum disorder. 2010 , 49, 401-14	148
1629	Altered brain response without behavioral attention deficits in healthy siblings of schizophrenic patients: an event-related fMRI study. 2010 , 49, 1080-90	25
1628	Overlapping brain activity between episodic memory encoding and retrieval: roles of the task-positive and task-negative networks. 2010 , 49, 1045-54	105
1627	Addiction related alteration in resting-state brain connectivity. 2010 , 49, 738-44	256
1626	A common functional brain network for autobiographical, episodic, and semantic memory retrieval. 2010 , 49, 865-74	196
1625	A neural measure of behavioral engagement: task-residual low-frequency blood oxygenation level-dependent activity in the precuneus. 2010 , 49, 1911-8	52
1624	Defining functional SMA and pre-SMA subregions in human MFC using resting state fMRI: functional connectivity-based parcellation method. 2010 , 49, 2375-86	196
1623	Reliable intrinsic connectivity networks: test-retest evaluation using ICA and dual regression approach. 2010 , 49, 2163-77	593
1622	Differential temporo-parietal cortical networks that support relational and item-based recency judgments. 2010 , 49, 3474-80	16

1621	When less is more: TPJ and default network deactivation during encoding predicts working memory performance. 2010 , 49, 2638-48	217
1620	Effects of aging on default mode network activity in resting state fMRI: does the method of analysis matter?. 2010 , 51, 280-7	163
1619	Impairment and compensation coexist in amnesic MCI default mode network. 2010 , 50, 48-55	243
1618	Dynamic subcortical blood flow during male sexual activity with ecological validity: a perfusion fMRI study. 2010 , 50, 208-16	62
1617	Comparison of characteristics between region-and voxel-based network analyses in resting-state fMRI data. 2010 , 50, 499-508	295
1616	Neural substrates of phonological selection for Japanese character Kanji based on fMRI investigations. 2010 , 50, 1280-91	10
1615	Attractors and noise: twin drivers of decisions and multistability. 2010 , 52, 740-51	87
1614	Inter-individual differences in resting-state functional connectivity predict task-induced BOLD activity. 2010 , 50, 1690-701	281
1613	White matter microstructure underlying default mode network connectivity in the human brain. 2010 , 49, 2021-32	155
1612	Longitudinal analysis of neural network development in preterm infants. 2010 , 20, 2852-62	547
1611	Handbook of Individual Differences in Cognition. 2010 ,	15
1610	Modeling Phase Transitions in the Brain. 2010 ,	24
1609	Brain Development and CNS Plasticity. 2010 , 319-338	1
1608	Imaging the functional connectivity of the Periaqueductal Gray during genuine and sham electroacupuncture treatment. 2010 , 6, 80	66
1607	Brain perfusion in fibromyalgia patients and its differences between responders and poor responders to gabapentin. 2010 , 12, R64	20
1606	Hemodynamic response function in temporal lobe epilepsy with interictal regional slow wave: An EEG-fMRI study. 2010 ,	
1605	Regional aerobic glycolysis in the human brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 17757-62	11,5 407
1604	The default-mode, ego-functions and free-energy: a neurobiological account of Freudian ideas. 2010 , 133, 1265-83	351

1603	Development of global cortical networks in early infancy. 2010 , 30, 4877-82		153
1602	The restless brain. 2011 , 1, 3-12		445
1601	Three systems of insular functional connectivity identified with cluster analysis. 2011 , 21, 1498-506		465
1600	On network derivation, classification, and visualization: a response to Habeck and Moeller. 2011 , 1, 105-10		41
1599	The organization of the human cerebral cortex estimated by intrinsic functional connectivity. 2011 , 106, 1125-65		3997
1598	Altered functional-structural coupling of large-scale brain networks in idiopathic generalized epilepsy. 2011 , 134, 2912-28		383
1597	How reliable are the functional connectivity networks of MEG in resting states?. 2011 , 106, 2888-95		48
1596	Exploraci3n de la red cerebral: una revisi3n de la conectividad funcional en la RMf en estado de reposo. 2011 , 18, 28-41		9
1595	Association between functional connectivity hubs and brain networks. 2011 , 21, 2003-13		298
1594	Intrinsic functional architecture predicts electrically evoked responses in the human brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 10308-13	11.5	124
1593	The functional architecture of the infant brain as revealed by resting-state fMRI. 2011 , 21, 145-54		370
1592	Magnetic resonance imaging postprocessing techniques in the study of brain connectivity. 2011 , 53, 236-245		5
1591	Brain network connectivity in individuals with schizophrenia and their siblings. 2011 , 69, 967-73		232
1590	Default-mode and task-positive network activity in major depressive disorder: implications for adaptive and maladaptive rumination. 2011 , 70, 327-33		527
1589	Ruminating on rumination. 2011 , 70, 310-1		3
1588	Empirical evaluations of slice-timing, smoothing, and normalization effects in seed-based, resting-state functional magnetic resonance imaging analyses. 2011 , 1, 401-10		47
1587	Synchrony of two brain regions predicts the blood oxygen level dependent activity of a third. 2011 , 1, 73-80		7
1586	The neural architecture of the language comprehension network: converging evidence from lesion and connectivity analyses. 2011 , 5, 1		557

1585	Roles of multiscale brain activity fluctuations in shaping the variability and dynamics of psychophysical performance. 2011 , 193, 335-50	43
1584	Prefrontal transcranial direct current stimulation changes connectivity of resting-state networks during fMRI. 2011 , 31, 15284-93	400
1583	Electrophysiological markers of genetic risk for attention deficit hyperactivity disorder. 2011 , 13, e9	35
1582	Two distinct neuronal networks mediate the awareness of environment and of self. 2011 , 23, 570-8	281
1581	Robustness of intrinsic connectivity networks in the human brain to the presence of acoustic scanner noise. 2011 , 55, 1617-32	21
1580	Solving future problems: default network and executive activity associated with goal-directed mental simulations. 2011 , 55, 1816-24	151
1579	Extracting information from functional connectivity maps via function-on-scalar regression. 2011 , 56, 140-8	5
1578	EEG-BOLD correlations during (post-)adolescent brain maturation. 2011 , 56, 1493-505	28
1577	Reduced resting-state functional connectivity between amygdala and orbitofrontal cortex in social anxiety disorder. 2011 , 56, 881-9	289
1576	Functional connectivity MRI in infants: exploration of the functional organization of the developing brain. 2011 , 56, 1437-52	161
1575	Full-brain auto-regressive modeling (FARM) using fMRI. 2011 , 58, 416-41	27
1574	Characterizing dynamic functional connectivity in the resting brain using variable parameter regression and Kalman filtering approaches. 2011 , 56, 1222-34	89
1573	Heightened interactions between a key default-mode region and a key task-positive region are linked to suboptimal current performance but to enhanced future performance. 2011 , 56, 2276-82	47
1572	Role of local network oscillations in resting-state functional connectivity. 2011 , 57, 130-139	338
1571	Preparatory activity and connectivity in dorsal anterior cingulate cortex for cognitive control. 2011 , 57, 242-250	47
1570	Dysfunctions of cerebral networks precede recognition memory deficits in early Parkinson's disease. 2011 , 57, 589-97	42
1569	Antidepressant medications reduce subcortical-cortical resting-state functional connectivity in healthy volunteers. 2011 , 57, 1317-23	155
1568	On the context-dependent nature of the contribution of the ventral premotor cortex to speech perception. 2011 , 57, 1561-71	80

1567	Localization of cortico-peripheral coherence with electroencephalography. 2011 , 57, 1348-57	50
1566	Basal functional connectivity within the anterior temporal network is associated with performance on declarative memory tasks. 2011 , 58, 687-97	67
1565	Coupling between spontaneous (resting state) fMRI fluctuations and human oculo-motor activity. 2011 , 58, 213-25	29
1564	The neural correlates of strategic reading comprehension: cognitive control and discourse comprehension. 2011 , 58, 675-86	36
1563	Is left fronto-temporal connectivity essential for syntax? Effective connectivity, tractography and performance in left-hemisphere damaged patients. 2011 , 58, 656-64	60
1562	Altered engagement of attention and default networks during target detection in schizophrenia. 2011 , 125, 169-73	39
1561	Correlated structural and functional brain abnormalities in the default mode network in schizophrenia patients. 2011 , 125, 101-9	79
1560	Modulation of the default mode network is task-dependant in chronic schizophrenia patients. 2011 , 125, 110-7	37
1559	Reduced prefrontal functional connectivity in the default mode network is related to greater psychopathology in subjects with high genetic loading for schizophrenia. 2011 , 127, 58-65	98
1558	Functional resting-state networks are differentially affected in schizophrenia. 2011 , 130, 86-93	252
1557	Regional contraction of brain surface area involves three large-scale networks in schizophrenia. 2011 , 129, 163-8	53
1556	Baseline and longitudinal patterns of hippocampal connectivity in mild cognitive impairment: evidence from resting state fMRI. 2011 , 309, 79-85	46
1555	Low frequency fluctuations reveal integrated and segregated processing among the cerebral hemispheres. 2011 , 54, 517-27	46
1554	Striatal functional connectivity networks are modulated by fMRI resting state conditions. 2011 , 54, 380-8	24
1553	Robustly measuring vascular reactivity differences with breath-hold: normalising stimulus-evoked and resting state BOLD fMRI data. 2011 , 54, 369-79	94
1552	Anatomical differences and network characteristics underlying smoking cue reactivity. 2011 , 54, 131-41	77
1551	Spatiotemporal dynamics of low frequency BOLD fluctuations in rats and humans. 2011 , 54, 1140-50	185
1550	Stimulus-free thoughts induce differential activation in the human default network. 2011 , 54, 1692-702	46

1549	Dissociable contributions of prefrontal cortex and the hippocampus to short-term memory: evidence for a 3-state model of memory. 2011 , 54, 1540-8	71
1548	Instantaneous and causal connectivity in resting state brain networks derived from functional MRI data. 2011 , 54, 1043-52	146
1547	Neural activity that predicts subsequent memory and forgetting: a meta-analysis of 74 fMRI studies. 2011 , 54, 2446-61	425
1546	Error processing network dynamics in schizophrenia. 2011 , 54, 1495-505	42
1545	Baseline BOLD correlation predicts individuals' stimulus-evoked BOLD responses. 2011 , 54, 2278-86	38
1544	The left occipitotemporal system in reading: disruption of focal fMRI connectivity to left inferior frontal and inferior parietal language areas in children with dyslexia. 2011 , 54, 2426-36	167
1543	Lost in thoughts: neural markers of low alertness during mind wandering. 2011 , 54, 3040-7	233
1542	Cognitive state and connectivity effects of the genome-wide significant psychosis variant in ZNF804A. 2011 , 54, 2514-23	102
1541	Impact of transient emotions on functional connectivity during subsequent resting state: a wavelet correlation approach. 2011 , 54, 2481-91	97
1540	Altered fronto-cerebellar connectivity in alcohol-naïve youth with a family history of alcoholism. 2011 , 54, 2582-9	84
1539	Semantic memory involvement in the default mode network: a functional neuroimaging study using independent component analysis. 2011 , 54, 3057-66	104
1538	Dissociable brain mechanisms for processing social exclusion and rule violation. 2011 , 54, 2462-71	103
1537	A weighted-RV method to detect fine-scale functional connectivity during resting state. 2011 , 54, 2885-98	6
1536	Small-world directed networks in the human brain: multivariate Granger causality analysis of resting-state fMRI. 2011 , 54, 2683-94	131
1535	Cortico-striatal connectivity and cognition in normal aging: a combined DTI and resting state fMRI study. 2011 , 55, 24-31	112
1534	Functional segregation of the human cingulate cortex is confirmed by functional connectivity based neuroanatomical parcellation. 2011 , 54, 2571-81	149
1533	Multi-parametric neuroimaging reproducibility: a 3-T resource study. 2011 , 54, 2854-66	228
1532	Associations and dissociations between default and self-reference networks in the human brain. 2011 , 55, 225-32	295

1531	Functional connectivity of the insula in the resting brain. 2011 , 55, 8-23		551
1530	Failing to deactivate: the association between brain activity during a working memory task and creativity. 2011 , 55, 681-7		183
1529	Resting-state fMRI can reliably map neural networks in children. 2011 , 55, 165-75		124
1528	A sliding time-window ICA reveals spatial variability of the default mode network in time. 2011 , 1, 339-47		188
1527	The role of the contralesional motor cortex for motor recovery in the early days after stroke assessed with longitudinal FMRI. 2011 , 21, 756-68		229
1526	A neural dynamic model based on activation diffusion and a micro-explanation for cognitive operations. 2011 ,		
1525	Meditation experience is associated with differences in default mode network activity and connectivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 20254-9	11.5	717
1524	Brain Imaging in Behavioral Medicine and Clinical Neuroscience. 2011 ,		5
1523	Neurodevelopment of the visual system in typically developing children. 2011 , 189, 113-36		25
1522	The dynamical balance of the brain at rest. 2011 , 17, 107-23		223
1521	Structural and Functional Neuroimaging Methods: Applications to Substance Abuse and Addiction. 2011 , 37-82		1
1520	Effect of APOE ϵ status on intrinsic network connectivity in cognitively normal elderly subjects. 2011 , 68, 1131-6		176
1519	Functional neuroimaging in geriatric depression. 2011 , 34, 403-22, viii		13
1518	Effective connectivity analysis of fMRI and MEG data collected under identical paradigms. 2011 , 41, 1156-65		24
1517	Vector autoregression, structural equation modeling, and their synthesis in neuroimaging data analysis. 2011 , 41, 1142-55		63
1516	Enhanced cue reactivity and fronto-striatal functional connectivity in cocaine use disorders. 2011 , 115, 137-44		107
1515	Persistent operational synchrony within brain default-mode network and self-processing operations in healthy subjects. 2011 , 75, 79-90		50
1514	Opposing amygdala and ventral striatum connectivity during emotion identification. 2011 , 76, 353-63		18

1513	Adaptive influence of long term high altitude residence on spatial working memory: an fMRI study. 2011 , 77, 53-9	38
1512	Neural correlates of the interactive relationship between memory deficits and depressive symptoms in nondemented elderly: resting fMRI study. 2011 , 219, 205-12	38
1511	Are there internal thought processes in the monkey?--default brain activity in humans and nonhuman primates. 2011 , 221, 295-303	14
1510	Changes in resting connectivity during recovery from severe traumatic brain injury. 2011 , 82, 115-23	88
1509	Default mode network gates the retrieval of task-irrelevant incidental memories. 2011 , 487, 318-21	9
1508	Increased default mode network connectivity associated with meditation. 2011 , 487, 358-62	181
1507	Spontaneous BOLD event triggered averages for estimating functional connectivity at resting state. 2011 , 488, 158-63	49
1506	Regional homogeneity of the resting-state brain activity correlates with individual intelligence. 2011 , 488, 275-8	68
1505	Are emotions associated with activity during rest or interoception? An exploratory fMRI study in healthy subjects. 2011 , 491, 87-92	42
1504	Aging-related changes in the default mode network and its anti-correlated networks: a resting-state fMRI study. 2011 , 504, 62-7	88
1503	Specifying the self for cognitive neuroscience. 2011 , 15, 104-12	141
1502	Posterior cingulate cortex: adapting behavior to a changing world. 2011 , 15, 143-51	291
1501	Meta-awareness, perceptual decoupling and the wandering mind. 2011 , 15, 319-26	370
1500	Large-scale brain networks and psychopathology: a unifying triple network model. 2011 , 15, 483-506	2025
1499	Disrupted thalamocortical connectivity in PSP: a resting-state fMRI, DTI, and VBM study. 2011 , 17, 599-605	125
1498	Functional magnetic resonance imaging as a dynamic candidate biomarker for Alzheimer's disease. 2011 , 95, 557-69	45
1497	Recent developments of functional magnetic resonance imaging research for drug development in Alzheimer's disease. 2011 , 95, 570-8	18
1496	Antipsychotic dose and diminished neural modulation: a multi-site fMRI study. 2011 , 35, 473-82	42

1495	Functional network organization of the human brain. 2011 , 72, 665-78	2477
1494	Patterns of coordinated anatomical change in human cortical development: a longitudinal neuroimaging study of maturational coupling. 2011 , 72, 873-84	228
1493	Slow intrinsic oscillations in thick neocortical slices of hypoxia tolerant deep diving seals. 2011 , 177, 35-42	12
1492	Altered default network activity in obesity. 2011 , 19, 2316-21	66
1491	Spontaneous fMRI activity during resting wakefulness and sleep. 2011 , 193, 295-305	17
1490	Hypnotic modulation of resting state fMRI default mode and extrinsic network connectivity. 2011 , 193, 309-22	74
1489	Implicit phonological priming during visual word recognition. 2011 , 55, 724-31	23
1488	How is our self related to midline regions and the default-mode network?. 2011 , 57, 1221-33	577
1487	Altered intrinsic functional connectivity of anterior and posterior insula regions in high-functioning participants with autism spectrum disorder. 2011 , 32, 1013-28	191
1486	Adaptive filtering for removing nonstationary physiological noise from resting state fMRI BOLD signals. 2011 ,	1
1485	Emerging concepts for the dynamical organization of resting-state activity in the brain. 2011 , 12, 43-56	1120
1484	Development of the brain's default mode network from wakefulness to slow wave sleep. 2011 , 21, 2082-93	293
1483	Task positive and default mode networks during a parametric working memory task in obstructive sleep apnea patients and healthy controls. 2011 , 34, 293-301A	44
1482	Task deactivation reductions and atrophy within parietal default mode regions are overlapping but only weakly correlated in mild cognitive impairment. 2011 , 27, 415-27	7
1481	Abnormal small-world architecture of top-down control networks in obsessive-compulsive disorder. 2011 , 36, 23-31	112
1480	Pacemaker and Network Mechanisms of Neural Rhythm Generation. 2011 ,	1
1479	BIOMARKERS AND PUBLIC-PRIVATE PARTNERSHIPS. 193-194	
1478	Investigations of Brain Network Alterations in Epilepsy Using Functional Magnetic Resonance Imaging. 2011 ,	

1477 IMAGING BIOMARKERS IN DRUG DEVELOPMENT: CASE STUDIES. 222-264

1476 Large-scale brain networks underlying language acquisition in early infancy. **2011**, 2, 93 44

1475 Can you hear me now? Musical training shapes functional brain networks for selective auditory attention and hearing speech in noise. **2011**, 2, 113 108

1474 The non-random brain: efficiency, economy, and complex dynamics. **2011**, 5, 5 156

1473 Robust transient dynamics and brain functions. **2011**, 5, 24 79

1472 Exploiting Trial-to-Trial Variability in Multimodal Experiments. **2011**, 5, 80 9

1471 Search-Related Suppression of Hippocampus and Default Network Activity during Associative Memory Retrieval. **2011**, 5, 112 15

1470 A baseline for the multivariate comparison of resting-state networks. **2011**, 5, 2 895

1469 Group-ICA Model Order Highlights Patterns of Functional Brain Connectivity. **2011**, 5, 37 86

1468 ICA-fNORM: Spatial Normalization of fMRI Data Using Intrinsic Group-ICA Networks. **2011**, 5, 93 27

1467 Organization of Anti-Phase Synchronization Pattern in Neural Networks: What are the Key Factors?. **2011**, 5, 100 19

1466 Topological fractionation of resting-state networks. **2011**, 6, e26596 36

1465 Assessing the influence of different ROI selection strategies on functional connectivity analyses of fMRI data acquired during steady-state conditions. **2011**, 6, e14788 48

1464 Learning shapes spontaneous activity itinerating over memorized states. **2011**, 6, e17432 6

1463 Pupillometric evidence for the decoupling of attention from perceptual input during offline thought. **2011**, 6, e18298 158

1462 Frontal-to-parietal top-down causal streams along the dorsal attention network exclusively mediate voluntary orienting of attention. **2011**, 6, e20079 24

1461 Film excerpts shown to specifically elicit various affects lead to overlapping activation foci in a large set of symmetrical brain regions in males. **2011**, 6, e22343 31

1460 Specifically progressive deficits of brain functional marker in amnesic type mild cognitive impairment. **2011**, 6, e24271 59

1459	Resting state functional connectivity in perfusion imaging: correlation maps with BOLD connectivity and resting state perfusion. 2011 , 6, e27050	50
1458	Bidirectional coupling between astrocytes and neurons mediates learning and dynamic coordination in the brain: a multiple modeling approach. 2011 , 6, e29445	84
1457	Effects of hypoperfusion in Alzheimer's disease. 2011 , 26 Suppl 3, 123-33	135
1456	Brain hodotopy: from esoteric concept to practical surgical applications. 2011 , 68, 1709-23; discussion 1723	133
1455	Dementia and the default mode. 2011 , 8, 361-5	28
1454	Physical activity associated with increased resting-state functional connectivity in multiple sclerosis. 2011 , 17, 986-97	36
1453	Modeling the contribution of neuron-astrocyte cross talk to slow blood oxygenation level-dependent signal oscillations. 2011 , 106, 3010-8	15
1452	Development of neural systems for processing social exclusion from childhood to adolescence. 2011 , 14, 1431-44	71
1451	Phenomenal Variability and Introspective Reliability. 2011 , 26, 261-286	23
1450	Different regional brain activity during physiological gastric distension compared to balloon distension: a H2 15O-PET study. 2011 , 23, 533-e203	25
1449	Effects on resting cerebral blood flow and functional connectivity induced by metoclopramide: a perfusion MRI study in healthy volunteers. 2011 , 163, 1639-52	34
1448	Task-related default mode network modulation and inhibitory control in ADHD: effects of motivation and methylphenidate. 2011 , 52, 761-71	184
1447	How understanding the neurobiology of complex post-traumatic stress disorder can inform clinical practice: a social cognitive and affective neuroscience approach. 2011 , 124, 331-48	100
1446	Differential coupling of visual cortex with default or frontal-parietal network based on goals. 2011 , 14, 830-2	166
1445	Negative BOLD-fMRI signals in large cerebral veins. 2011 , 31, 401-12	62
1444	Investigating neural primacy in Major Depressive Disorder: multivariate Granger causality analysis of resting-state fMRI time-series data. 2011 , 16, 763-72	251
1443	Imaging vulnerability for depression. 2011 , 16, 1067-8	11
1442	Concepts and principles in the analysis of brain networks. 2011 , 1224, 126-146	224

1441	Investigation of the large-scale functional brain networks modulated by acupuncture. 2011 , 29, 958-65	44
1440	Power estimation predicts specific function action of acupuncture: an fMRI study. 2011 , 29, 1059-64	7
1439	Fine-scale functional connectivity in somatosensory cortex revealed by high-resolution fMRI. 2011 , 29, 1330-7	17
1438	[Magnetic resonance imaging postprocessing techniques in the study of brain connectivity]. 2011 , 53, 236-45	3
1437	Abnormal cortical activity in patients with temporomandibular disorder evoked by cognitive and emotional tasks. 2011 , 152, 384-396	96
1436	Disrupted cortical connectivity theory as an explanatory model for autism spectrum disorders. 2011 , 8, 410-37	165
1435	Regional homogeneity changes in social anxiety disorder: a resting-state fMRI study. 2011 , 194, 47-53	87
1434	Default mode network dysfunction in adults with prenatal alcohol exposure. 2011 , 194, 354-362	39
1433	Functional network disruption in the degenerative dementias. 2011 , 10, 829-43	333
1432	Multimodal imaging of recovery of functional networks associated with reversal of paradoxical herniation after cranioplasty. 2011 , 35, 253-8	26
1431	Using a self-organizing map algorithm to detect age-related changes in functional connectivity during rest in autism spectrum disorders. 2011 , 1380, 187-97	76
1430	Altered gray matter morphometry and resting-state functional and structural connectivity in social anxiety disorder. 2011 , 1388, 167-77	114
1429	The synchronization of spontaneous BOLD activity predicts extraversion and neuroticism. 2011 , 1419, 68-75	43
1428	Broadband neurophysiological abnormalities in the medial prefrontal region of the default-mode network in adults with ADHD. 2013 , 34, 566-74	43
1427	Cortical activation and lamina terminalis functional connectivity during thirst and drinking in humans. 2011 , 301, R623-31	29
1426	[Intrinsic brain activity with pain]. 2011 , 25, 501-7	2
1425	Resting-state brain networks: literature review and clinical applications. 2011 , 32, 773-85	343
1424	[Cognitive reserve and its relevance for the prevention and diagnosis of dementia]. 2011 , 82, 325-30, 332-35	18

1423	Chronic smoking, but not acute nicotine administration, modulates neural correlates of working memory. 2011 , 213, 29-42	28
1422	Modafinil modulation of the default mode network. 2011 , 215, 23-31	48
1421	Prolonged high-altitude residence impacts verbal working memory: an fMRI study. 2011 , 208, 437-45	53
1420	Appetite at high altitude: an fMRI study on the impact of prolonged high-altitude residence on gustatory neural processing. 2011 , 209, 495-9	4
1419	Enhanced neural responses to rule violation in children with autism: a comparison to social exclusion. 2011 , 1, 280-94	55
1418	A mechanism for ultra-slow oscillations in the cortical default network. 2011 , 73, 398-416	15
1417	Nonlinear dynamics of emotion-cognition interaction: when emotion does not destroy cognition?. 2011 , 73, 266-84	23
1416	Generalization of learning by synchronous waves: from perceptual organization to invariant organization. 2011 , 5, 113-32	4
1415	The temporal-spatial encoding of acupuncture effects in the brain. 2011 , 7, 19	31
1414	Migraine attacks the Basal Ganglia. 2011 , 7, 71	111
1413	Visual imagery. 2011 , 2, 239-252	18
1412	Considering PTSD from the perspective of brain processes: a psychological construction approach. 2011 , 24, 3-24	46
1411	Visual misperceptions and hallucinations in Parkinson's disease: dysfunction of attentional control networks?. 2011 , 26, 2154-9	116
1410	On the relationship between seed-based and ICA-based measures of functional connectivity. 2011 , 66, 644-57	140
1409	Resting functional connectivity in patients with brain tumors in eloquent areas. 2011 , 69, 521-32	117
1408	Modulation of subgenual anterior cingulate cortex activity with real-time neurofeedback. 2011 , 32, 22-31	134
1407	Altered functional connectivity in default mode network in absence epilepsy: a resting-state fMRI study. 2011 , 32, 438-49	190
1406	Lateral differences in the default mode network in healthy controls and patients with schizophrenia. 2011 , 32, 654-64	47

1405	Increased "default mode" activity in adolescents prenatally exposed to cocaine. 2011 , 32, 759-70	41
1404	Granger causal influence predicts BOLD activity levels in the default mode network. 2011 , 32, 154-61	104
1403	Constrained principal component analysis reveals functionally connected load-dependent networks involved in multiple stages of working memory. 2011 , 32, 856-71	53
1402	Default mode network abnormalities in mesial temporal lobe epilepsy: a study combining fMRI and DTI. 2011 , 32, 883-95	229
1401	Network anticorrelations, global regression, and phase-shifted soft tissue correction. 2011 , 32, 919-34	179
1400	Default network connectivity during a working memory task. 2011 , 32, 1029-35	73
1399	Functional connectivity of cortical motor areas in the resting state in Parkinson's disease. 2011 , 32, 1443-57	141
1398	Modulation of steady state functional connectivity in the default mode and working memory networks by cognitive load. 2011 , 32, 1649-59	83
1397	Spatial patterns of intrinsic brain activity in mild cognitive impairment and Alzheimer's disease: a resting-state functional MRI study. 2011 , 32, 1720-40	197
1396	Functional connectivity in mild traumatic brain injury. 2011 , 32, 1825-35	340
1395	Altered default mode network connectivity in Alzheimer's disease--a resting functional MRI and Bayesian network study. 2011 , 32, 1868-81	141
1394	Localization of cerebral functional deficits in patients with non-neuropsychiatric systemic lupus erythematosus. 2011 , 32, 1847-55	27
1393	Involvement of glutamate in rest-stimulus interaction between perigenual and supragenual anterior cingulate cortex: a combined fMRI-MRS study. 2011 , 32, 2172-82	52
1392	Investigation of spectrally coherent resting-state networks using non-negative matrix factorization for functional MRI data. 2011 , 21, 211-222	15
1391	Disrupted functional connectivity in social anxiety disorder: a resting-state fMRI study. 2011 , 29, 701-11	63
1390	The influences of environmental enrichment, cognitive enhancement, and physical exercise on brain development: can we alter the developmental trajectory of ADHD?. 2011 , 35, 621-34	147
1389	Default network correlations analyzed on native surfaces. 2011 , 198, 301-11	26
1388	Detecting overlapped functional clusters in resting state fMRI with Connected Iterative Scan: a graph theory based clustering algorithm. 2011 , 199, 108-18	15

1387	Common and distinct networks underlying reward valence and processing stages: a meta-analysis of functional neuroimaging studies. 2011 , 35, 1219-36	644
1386	Altered functional connectivity in asymptomatic MAPT subjects: a comparison to bvFTD. 2011 , 77, 866-74	106
1385	Intraindividual variability in ADHD and its implications for research of causal links. 2012 , 9, 67-91	80
1384	Pharmacological MRI approaches to understanding mechanisms of drug action. 2012 , 11, 365-88	8
1383	Functional connectivity targeting for deep brain stimulation in essential tremor. 2011 , 32, 1963-8	33
1382	Modulation of the brain's functional network architecture in the transition from wake to sleep. 2011 , 193, 277-94	93
1381	Reduced functional connectivity during working memory in Turner syndrome. 2011 , 21, 2471-81	39
1380	Overrecruitment in the aging brain as a function of task demands: evidence for a compensatory view. 2011 , 23, 801-15	73
1379	Manipulation of length and lexicality localizes the functional neuroanatomy of phonological processing in adult readers. 2011 , 23, 1475-93	35
1378	Functional connectivity magnetic resonance imaging classification of autism. 2011 , 134, 3742-54	295
1377	The brain as a complex system: using network science as a tool for understanding the brain. 2011 , 1, 295-308	169
1376	A signal-processing pipeline for magnetoencephalography resting-state networks. 2011 , 1, 49-59	71
1375	Altered intrinsic functional organization of the brain in idiopathic generalized epilepsy. 2011 ,	
1374	Impaired temporoparietal deactivation with working memory load in antipsychotic-naïve patients with first-episode schizophrenia. 2011 , 12, 271-81	26
1373	Global and system-specific resting-state fMRI fluctuations are uncorrelated: principal component analysis reveals anti-correlated networks. 2011 , 1, 496-510	83
1372	A resting-state fMRI study of patients with HIV infection based on regional homogeneity method. 2011 ,	3
1371	Connectivity gradients between the default mode and attention control networks. 2011 , 1, 147-57	119
1370	The footprints of a wandering mind: Further examination of the time course of an attentional lapse. 2011 , 2, 91-7	14

- 1369 Transcranial magnetic stimulation modulates the brain's intrinsic activity in a frequency-dependent manner. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 21229-34 11.5 184
- 1368 Brain as a self-predictor: Sparse full-brain auto-regressive modeling in fMRI. **2011**,
- 1367 Anxiety modulates insula recruitment in resting-state functional magnetic resonance imaging in youth and adults. **2011**, 1, 245-54 40
- 1366 Focal pontine lesions provide evidence that intrinsic functional connectivity reflects polysynaptic anatomical pathways. **2011**, 31, 15065-71 87
- 1365 Role of ongoing, intrinsic activity of neuronal populations for quantitative neuroimaging of functional magnetic resonance imaging-based networks. **2011**, 1, 185-93 12
- 1364 Resting-state activity in development and maintenance of normal brain function. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 11638-43 11.5 126
- 1363 Detection of resting-state brain activity in magnetic resonance images through wavelet feature cluster analysis. **2011**,
- 1362 Assessment of functional and structural connectivity between motor cortex and thalamus using fMRI and DWI. **2011**, 2011, 5056-9 10
- 1361 Anatomical and functional assemblies of brain BOLD oscillations. **2011**, 31, 7910-9 186
- 1360 Influence of aging on the neural correlates of autobiographical, episodic, and semantic memory retrieval. **2011**, 23, 4150-63 67
- 1359 Dynamic reconfiguration of structural and functional connectivity across core neurocognitive brain networks with development. **2011**, 31, 18578-89 358
- 1358 Intersection of FOXO- and RUNX1-mediated gene expression programs in single breast epithelial cells during morphogenesis and tumor progression. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, E803-12 11.5 88
- 1357 An fMRI marker for peripheral nerve regeneration. **2011**, 25, 577-9 7
- 1356 Altered connectivity pattern of hubs in default-mode network with Alzheimer's disease: an Granger causality modeling approach. **2011**, 6, e25546 54
- 1355 Thalamic resting-state functional networks: disruption in patients with mild traumatic brain injury. **2011**, 260, 831-40 162
- 1354 Relationships between Amyloid and functional connectivity in different components of the default mode network in aging. **2011**, 21, 2399-407 229
- 1353 Frontocingulate dysfunction in depression: toward biomarkers of treatment response. **2011**, 36, 183-206 636
- 1352 Depression, rumination and the default network. **2011**, 6, 548-55 351

1351	Caudate dopamine D1 receptor density is associated with individual differences in frontoparietal connectivity during working memory. 2011 , 31, 14284-90	57
1350	Abnormal medial prefrontal cortex resting-state connectivity in bipolar disorder and schizophrenia. 2011 , 36, 2009-17	223
1349	Interregional brain interactions in children with unilateral hearing loss. 2011 , 144, 602-11	47
1348	Functionally specific changes in resting-state sensorimotor networks after motor learning. 2011 , 31, 16907-15	180
1347	Uncovering intrinsic connectional architecture of functional networks in awake rat brain. 2011 , 31, 3776-83	155
1346	What goes down must come up: role of the posteromedial cortices in encoding and retrieval. 2011 , 21, 22-34	93
1345	Weight consistency specifies regularities of macaque cortical networks. 2011 , 21, 1254-72	253
1344	Functional network connectivity during rest and task: comparison of healthy controls and schizophrenic patients. 2011 , 2011, 4418-21	16
1343	Assessing the dynamics on functional brain networks using spectral graphy theory. 2011 ,	2
1342	Neural correlates of recognition memory for emotional faces and scenes. 2011 , 6, 24-37	50
1341	Increased functional connectivity indicates the severity of cognitive impairment in multiple sclerosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 19066-71	115 201
1340	Default mode network disruption secondary to a lesion in the anterior thalamus. 2011 , 68, 242-7	26
1339	Regional brain atrophy and functional disconnection across Alzheimer's disease evolution. 2011 , 82, 58-66	181
1338	True associations between resting fMRI time series based on innovations. 2011 , 8, 046025	31
1337	Contextual knowledge configures attentional control networks. 2011 , 31, 18026-35	74
1336	Self-rating scales assessing subjective well-being and distress correlate with rCBF in PTSD-sensitive regions. 2011 , 41, 2549-61	34
1335	Functional connectivity and coactivation of the nucleus accumbens: a combined functional connectivity and structure-based meta-analysis. 2011 , 23, 2864-77	159
1334	Dysconnectivity of multiple resting-state networks in patients with schizophrenia who have persistent auditory verbal hallucinations. 2011 , 36, 366-74	96

1333	The role of rhythmic neural synchronization in rest and task conditions. 2011 , 5, 4	28
1332	Characterizing Consciousness: From Cognition to the Clinic?. 2011 ,	6
1331	Advances in Cognitive Neurodynamics (II). 2011 ,	
1330	REST: a toolkit for resting-state functional magnetic resonance imaging data processing. 2011 , 6, e25031	1473
1329	Large-scale functional brain networks in human non-rapid eye movement sleep: insights from combined electroencephalographic/functional magnetic resonance imaging studies. 2011 , 369, 3708-29	33
1328	Ingredients for a brain. 2011 , 134, 3775-3777	78
1327	Transient suppression of broadband gamma power in the default-mode network is correlated with task complexity and subject performance. 2011 , 31, 14521-30	150
1326	Late life cognitive control deficits are accentuated by white matter disease burden. 2011 , 134, 1673-83	43
1325	Altered cortical-cerebellar circuits during verbal working memory in essential tremor. 2011 , 134, 2274-86	82
1324	Increased hippocampal default mode synchronization during rest in middle-aged and elderly APOE ϵ carriers: relationships with memory performance. 2011 , 31, 7775-83	136
1323	Emergence of persistent networks in long-term intracranial EEG recordings. 2011 , 31, 15757-67	83
1322	Effects of brain amyloid deposition and reduced glucose metabolism on the default mode of brain function in normal aging. 2011 , 31, 11193-9	26
1321	Reduced prefrontal connectivity in psychopathy. 2011 , 31, 17348-57	237
1320	The cortical rhythms of chronic back pain. 2011 , 31, 13981-90	198
1319	Quasi-periodic fluctuations in default mode network electrophysiology. 2011 , 31, 11728-32	52
1318	Premotor functional connectivity predicts impulsivity in juvenile offenders. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 11241-5	11.5 90
1317	Differential electrophysiological response during rest, self-referential, and non-self-referential tasks in human posteromedial cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 3023-8	11.5 88
1316	Effective treatment of chronic low back pain in humans reverses abnormal brain anatomy and function. 2011 , 31, 7540-50	385

1315	Investigation of acupoint specificity by whole brain functional connectivity analysis from fMRI data. 2011 , 2011, 2784-7	9
1314	The ubiquity of small-world networks. 2011 , 1, 367-75	248
1313	Scale-free properties of the functional magnetic resonance imaging signal during rest and task. 2011 , 31, 13786-95	266
1312	Dysfunction of a cortical midline network during emotional appraisals in schizophrenia. 2011 , 37, 164-76	38
1311	Kernel Granger Causality Mapping Effective Connectivity: A Resting fMRI Study. 2011 , 375-379	
1310	Resting bold fMRI differentiates dementia with Lewy bodies vs Alzheimer disease. 2011 , 76, 1797-803	99
1309	Bridging Token Identity Theory and Supervenience Theory Through Psychological Construction. 2011 , 22, 115-127	58
1308	Brain activity at rest: a multiscale hierarchical functional organization. 2011 , 105, 2753-63	219
1307	Independent oscillatory patterns determine performance fluctuations in children with attention deficit/hyperactivity disorder. 2011 , 134, 1740-50	32
1306	Aberrant connectivity of resting-state networks in borderline personality disorder. 2011 , 36, 402-11	78
1305	Understanding the effects of stimulant medications on cognition in individuals with attention-deficit hyperactivity disorder: a decade of progress. 2011 , 36, 207-26	181
1304	fMRI as a measure of cognition related brain circuitry in schizophrenia. 2012 , 11, 253-67	5
1303	Reintegrating the Study of Accuracy Into Social Cognition Research. 2011 , 22, 159-182	97
1302	Functional connectivity MR imaging of the language network in patients with drug-resistant epilepsy. 2011 , 32, 532-40	51
1301	Reduced functional integration and segregation of distributed neural systems underlying social and emotional information processing in autism spectrum disorders. 2012 , 22, 1025-37	135
1300	Supplemental Material for Evaluating Vigilance Deficits in ADHD: A Meta-Analysis of CPT Performance. 2012 ,	
1299	Unconscious priming instructions modulate activity in default and executive networks of the human brain. 2012 , 22, 639-49	40
1298	Spatial relations and spatial locations are dissociated within prefrontal and parietal cortex. 2012 , 108, 2419-29	26

1297	Prestimulus hemodynamic activity in dorsal attention network is negatively associated with decision confidence in visual perception. 2012 , 108, 1529-36	28
1296	Understanding the Pathophysiology of Alzheimer's Disease and Mild Cognitive Impairment: A Mini Review on fMRI and ERP Studies. 2012 , 2012, 719056	26
1295	Self-awareness, self-regulation, and self-transcendence (S-ART): a framework for understanding the neurobiological mechanisms of mindfulness. 2012 , 6, 296	546
1294	The Development of a Pitch Training Program for Adult Cochlear Implant and Hearing Aid Users. 2012 , 33, 381-398	1
1293	The Limbic-Prefrontal Network Modulated by Electroacupuncture at CV4 and CV12. 2012 , 2012, 515893	19
1292	Dissociated mean and functional connectivity BOLD signals in visual cortex during eyes closed and fixation. 2012 , 108, 2363-72	26
1291	Altered resting-state amygdala functional connectivity in men with posttraumatic stress disorder. 2012 , 37, 241-9	236
1290	Weighted phase lag index and graph analysis: preliminary investigation of functional connectivity during resting state in children. 2012 , 2012, 186353	24
1289	Neural mechanisms of attentional reorienting in three-dimensional space. 2012 , 32, 13352-62	56
1288	Prefrontal cortical mechanisms underlying individual differences in cognitive flexibility and stability. 2012 , 24, 2385-99	79
1287	Parcellation in left lateral parietal cortex is similar in adults and children. 2012 , 22, 1148-58	30
1286	Functional connectivity between anatomically unconnected areas is shaped by collective network-level effects in the macaque cortex. 2012 , 22, 1586-92	180
1285	Loss of intranetwork and internetwork resting state functional connections with Alzheimer's disease progression. 2012 , 32, 8890-9	385
1284	Neuroimaging insights into network-based neurodegeneration. 2012 , 25, 727-34	52
1283	Functional and structural MR imaging in neuropsychiatric disorders, Part 1: imaging techniques and their application in mild cognitive impairment and Alzheimer disease. 2012 , 33, 1845-50	30
1282	Evaluation of Causal Influences in Model of Motor Control in Left Hands Movement-Readiness State. 2012 , 195-196, 418-423	
1281	The putative visual word form area is functionally connected to the dorsal attention network. 2012 , 22, 537-49	112
1280	The vision of David Marr. 2012 , 41, 1061-72	5

1279	Phase synchronization of oxygenation waves in the frontal areas of children with attention-deficit hyperactivity disorder detected by optical diffusion spectroscopy correlates with medication. 2012 , 17, 127002	4
1278	Upstream dysfunction of somatomotor functional connectivity after corticospinal damage in stroke. 2012 , 26, 7-19	146
1277	A widely distributed spectral signature of task-negative electrocorticography responses revealed during a visuomotor task in the human cortex. 2012 , 32, 10458-69	29
1276	Concurrent functional and structural cortical alterations in migraine. 2012 , 32, 607-20	139
1275	Reorganization of functional connectivity of the language network in patients with brain gliomas. 2012 , 33, 1983-90	59
1274	Altered resting-state brain activity at functional MR imaging during the progression of hepatic encephalopathy. 2012 , 264, 187-95	73
1273	Investigation of long-term reproducibility of intrinsic connectivity network mapping: a resting-state fMRI study. 2012 , 33, 833-8	72
1272	Brain connectivity analysis: a short survey. 2012 , 2012, 412512	61
1271	The role of left ventrolateral prefrontal cortex during episodic decisions: semantic elaboration or resolution of episodic interference?. 2012 , 24, 223-34	30
1270	Effects of L-dopa and oxazepam on resting-state functional magnetic resonance imaging connectivity: a randomized, cross-sectional placebo study. 2012 , 2, 246-53	17
1269	Abstracts3rd Biennial Conference on Resting State Brain ConnectivitySeptember 5-7, 2012Magdeburg, Germany. 2012 , 2, A1-A156	1
1268	Reproducibility of swallow-induced cortical BOLD positive and negative fMRI activity. 2012 , 303, G600-9	14
1267	The effects of sustained cognitive task performance on subsequent resting state functional connectivity in healthy young and middle-aged male schoolteachers. 2012 , 2, 102-12	17
1266	Ongoing cortical activity at rest: criticality, multistability, and ghost attractors. 2012 , 32, 3366-75	431
1265	Differential modulation of the default mode network via serotonin-1A receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 2619-24	11.5 92
1264	Default network connectivity in medial temporal lobe amnesia. 2012 , 32, 14622-9	37
1263	Bidirectional relationship between functional connectivity and amyloid- β deposition in mouse brain. 2012 , 32, 4334-40	129
1262	Emotion effects on attention, amygdala activation, and functional connectivity in schizophrenia. 2012 , 38, 967-80	82

1261	Predicting conceptual processing capacity from spontaneous neuronal activity of the left middle temporal gyrus. 2012 , 32, 481-9	129
1260	Resting-state glutamate level in the anterior cingulate predicts blood-oxygen level-dependent response to cognitive control. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 5069-73	11.5 63
1259	Brain imaging in Alzheimer disease. 2012 , 2, a006213	336
1258	Increased bilateral frontal connectivity during working memory in young adults under the influence of a dopamine D1 receptor antagonist. 2012 , 32, 17067-72	11
1257	Modeling fluctuations in default-mode brain network using a spiking neural network. 2012 , 22, 1250016	19
1256	Altered resting brain function and structure in professional badminton players. 2012 , 2, 225-33	73
1255	Reduced cerebral blood flow within the default-mode network and within total gray matter in major depression. 2012 , 2, 303-10	36
1254	Expanding the transfer entropy to identify information subgraphs in complex systems. 2012 , 2012, 3668-71	2
1253	Classification of ADHD children through multimodal magnetic resonance imaging. 2012 , 6, 63	103
1252	Semantic network disconnection in formal thought disorder. 2012 , 66, 14-23	33
1251	Neural network functional connectivity during and after an episode of delirium. 2012 , 169, 498-507	123
1250	Category-selective background connectivity in ventral visual cortex. 2012 , 22, 391-402	69
1249	Decreased efficiency of task-positive and task-negative networks during working memory in schizophrenia. 2012 , 38, 803-13	65
1248	Schizophrenic patients and their unaffected siblings share increased resting-state connectivity in the task-negative network but not its anticorrelated task-positive network. 2012 , 38, 285-94	93
1247	Resting-state functional connectivity of the medial superior frontal cortex. 2012 , 22, 99-111	139
1246	Spontaneous resting-state BOLD fluctuations reveal persistent domain-specific neural networks. 2012 , 7, 467-75	54
1245	Incidental findings in neuroimaging research: a framework for anticipating the next frontier. 2012 , 7, 53-7	9
1244	Frontoparietal Connectivity and Hierarchical Structure of the Brain's Functional Network during Sleep. 2012 , 3, 80	50

1243	Orbitofrontal connectivity with resting-state networks is associated with midbrain dopamine D3 receptor availability. 2012 , 22, 2784-93	54
1242	Assessing statistical significance when partitioning large-scale brain networks. 2012 ,	3
1241	Neural dysregulation in posttraumatic stress disorder: evidence for disrupted equilibrium between salience and default mode brain networks. 2012 , 74, 904-11	272
1240	Functional connectivity during resting-state functional MR imaging: study of the correspondence between independent component analysis and region-of-interest-based methods. 2012 , 33, 180-7	85
1239	Effect of dopamine transporter genotype on intrinsic functional connectivity depends on cognitive state. 2012 , 22, 2182-96	39
1238	Functional connectivity during modulation of tinnitus with orofacial maneuvers. 2012 , 147, 757-62	2
1237	Alterations in default mode network connectivity during pain processing in borderline personality disorder. 2012 , 69, 993-1002	63
1236	Impairments in cognitive function and brain connectivity in severe asymptomatic carotid stenosis. 2012 , 43, 2567-73	76
1235	Motor deficits correlate with resting state motor network connectivity in patients with brain tumours. 2012 , 135, 1017-26	75
1234	Mobilization and redistribution of default mode network from resting state to task state in amnesic mild cognitive impairment. 2012 , 9, 944-52	8
1233	Self-reported nocturnal sleep duration is associated with next-day resting state functional connectivity. 2012 , 23, 741-5	29
1232	Functional MRI of mnemonic networks across the spectrum of normal aging, mild cognitive impairment, and Alzheimer's disease. 2012 , 31 Suppl 3, S155-67	53
1231	Altered resting state functional connectivity patterns of the anterior prefrontal cortex in obsessive-compulsive disorder. 2012 , 23, 681-6	22
1230	Identification of subject specific and functional consistent ROIs using semi-supervised learning. 2012 ,	3
1229	Default Mode Network Connectivity Differences in Obsessive-compulsive Disorder. 2012 , 54, 118-124	9
1228	Lateralization in intrinsic functional connectivity of the temporoparietal junction with salience- and attention-related brain networks. 2012 , 108, 3382-92	106
1227	Connectivity-based structural and functional parcellation of the human cortex using diffusion imaging and tractography. 2012 , 6, 34	51
1226	Resting-state functional connectivity bias of middle temporal gyrus and caudate with altered gray matter volume in major depression. 2012 , 7, e45263	92

1225	Altered cortico-striatal-thalamic connectivity in relation to spatial working memory capacity in children with ADHD. 2012 , 3, 2		67
1224	Evaluating vigilance deficits in ADHD: a meta-analysis of CPT performance. 2012 , 121, 360-71		219
1223	Education and the social brain. 2012 , 1, 3-9		23
1222	Focal brain lesions to critical locations cause widespread disruption of the modular organization of the brain. 2012 , 24, 1275-85		245
1221	Test-retest reliability of resting-state connectivity network characteristics using fMRI and graph theoretical measures. 2012 , 59, 1404-12		319
1220	The brain's default network and its adaptive role in internal mentation. 2012 , 18, 251-70		625
1219	Role of prefrontal cortex and the midbrain dopamine system in working memory updating. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 19900-9	11.5	163
1218	A dual-subsystem model of the brain's default network: self-referential processing, memory retrieval processes, and autobiographical memory retrieval. 2012 , 61, 966-77		147
1217	Proactive inhibitory control varies with task context. 2012 , 36, 3568-79		23
1216	Cortico-striatal disconnection within the cingulo-opercular network in schizophrenia revealed by intrinsic functional connectivity analysis: a resting fMRI study. 2012 , 59, 238-47		94
1215	Mind wandering and attention during focused meditation: a fine-grained temporal analysis of fluctuating cognitive states. 2012 , 59, 750-60		384
1214	Sleep deprivation reduces default mode network connectivity and anti-correlation during rest and task performance. 2012 , 59, 1745-51		238
1213	Temporally-independent functional modes of spontaneous brain activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 3131-6	11.5	555
1212	Default-mode network dysfunction and self-referential processing in healthy siblings of schizophrenia patients. 2012 , 142, 237-43		64
1211	NMDA receptor function in large-scale anticorrelated neural systems with implications for cognition and schizophrenia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 16720-5	11.5	175
1210	Electrophysiological low-frequency coherence and cross-frequency coupling contribute to BOLD connectivity. 2012 , 76, 1010-20		120
1209	Resting state functional connectivity of the striatum in Parkinson's disease. 2012 , 135, 3699-711		297
1208	Variations in connectivity in the sensorimotor and default-mode networks during the first nocturnal sleep cycle. 2012 , 2, 177-90		30

1207	Early math achievement and functional connectivity in the fronto-parietal network. 2012 , 2 Suppl 1, S139-51	60
1206	The role of default network deactivation in cognition and disease. 2012 , 16, 584-92	603
1205	Novel imaging strategies for assessment of cerebrovascular involvement. 2012 , 79, 674-82	
1204	Application of connected iterative scan in biological neural network. 2012 , 21, 2097-2103	2
1203	Decreased functional brain connectivity in individuals with early-treated phenylketonuria: evidence from resting state fMRI. 2012 , 35, 807-16	14
1202	The default mode network and recurrent depression: a neurobiological model of cognitive risk factors. 2012 , 22, 229-51	200
1201	Default-mode network changes in preclinical Huntington's disease. 2012 , 237, 191-8	52
1200	Resting state f-band functional connectivity and recovery after stroke. 2012 , 237, 160-9	84
1199	Markov models for fMRI correlation structure: Is brain functional connectivity small world, or decomposable into networks?. 2012 , 106, 212-21	22
1198	Neurocognitive networks: findings, models, and theory. 2012 , 36, 2232-47	52
1197	Depressive symptoms in prodromal Huntington's Disease correlate with Stroop-interference related functional connectivity in the ventromedial prefrontal cortex. 2012 , 203, 166-74	30
1196	Effect of lateralized temporal lobe epilepsy on the default mode network. 2012 , 25, 350-7	86
1195	The association between resting functional connectivity and creativity. 2012 , 22, 2921-9	175
1194	Disrupted resting-state functional connectivity of the hippocampus in medication-naïve patients with major depressive disorder. 2012 , 141, 194-203	82
1193	Prefrontal cortex contributions to controlled memory judgment: fMRI evidence from adolescents and young adults. 2012 , 50, 3745-56	5
1192	Rest Is Not Idleness: Implications of the Brain's Default Mode for Human Development and Education. 2012 , 7, 352-64	138
1191	Resting state functional MRI in Alzheimer's Disease. 2012 , 4, 2	76
1190	Capturing amplitude changes of low-frequency fluctuations in functional magnetic resonance imaging signal: a pilot acupuncture study on NeiGuan (PC6). 2012 , 18, 387-93	18

1189	Modulating the default mode network using hypnosis. 2012 , 60, 206-28	72
1188	Directed Transform Function approach for functional network analysis in resting state fMRI data of Parkinson disease. 2012 ,	1
1187	Overlapping but distinct default network functions revealed by independent component analysis. 2012 ,	
1186	Neural substrates and inter-individual functional connectivity during mutual gaze and joint attention using dual functional MRI. 2012 ,	1
1185	Reciprocal imitation: toward a neural basis of social interaction. 2012 , 22, 971-8	53
1184	On the filtering mechanism of spontaneous signaling causality of brain's default mode network. 2012 ,	1
1183	Beats as the origin of slow fluctuations in the brain's default-mode network. 2012 ,	
1182	A wavelet clustering technique for the identification of functionally connected regions in the rat brain using resting state fMRI. 2012 ,	0
1181	Motor "dexterity"? Evidence that left hemisphere lateralization of motor circuit connectivity is associated with better motor performance in children. 2012 , 22, 51-9	47
1180	How well do oscillator models capture the behaviour of biological neurons?. 2012 ,	7
1179	A highly parallelized framework for computationally intensive MR data analysis. 2012 , 25, 313-20	13
1178	Nonlinear model of attention focus during accumulated effort. 2012 , 13, 591-597	30
1177	Cortical activation during attention to sound in autism spectrum disorders. 2012 , 33, 518-24	26
1176	Diagnostic power of default mode network resting state fMRI in the detection of Alzheimer's disease. 2012 , 33, 466-78	179
1175	Brain activation disturbance for target detection in patients with mild cognitive impairment: an fMRI study. 2012 , 33, 1002.e1-16	12
1174	A cortical core for dynamic integration of functional networks in the resting human brain. 2012 , 74, 753-64	319
1173	Age differences in the frontoparietal cognitive control network: implications for distractibility. 2012 , 50, 2212-23	138
1172	Inside out: a neuro-behavioral signature of free recall dynamics. 2012 , 50, 2245-56	12

1171	Default mode network abnormalities in idiopathic generalized epilepsy. 2012 , 23, 353-9	77
1170	High Bpower predicts performance in sensorimotor-rhythm brain-computer interfaces. 2012 , 9, 046001	55
1169	Neural populations in human posteromedial cortex display opposing responses during memory and numerical processing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 15514-9	11.5 56
1168	Brain connectivity in disorders of consciousness. 2012 , 2, 1-10	69
1167	Fractionation of social brain circuits in autism spectrum disorders. 2012 , 135, 2711-25	244
1166	Default mode network connectivity in children with a history of preschool onset depression. 2012 , 53, 964-72	56
1165	Global connectivity of prefrontal cortex predicts cognitive control and intelligence. 2012 , 32, 8988-99	424
1164	Functional covariance networks: obtaining resting-state networks from intersubject variability. 2012 , 2, 203-17	32
1163	Decoding subject-driven cognitive states with whole-brain connectivity patterns. 2012 , 22, 158-65	1210
1162	Emotions promote social interaction by synchronizing brain activity across individuals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 9599-604	11.5 280
1161	Power of food moderates food craving, perceived control, and brain networks following a short-term post-absorptive state in older adults. 2012 , 58, 806-13	26
1160	Impaired cortico-striatal functional connectivity in prodromal Huntington's Disease. 2012 , 514, 204-9	73
1159	Complexity in a brain-inspired agent-based model. 2012 , 33, 275-90	7
1158	Real-time fMRI-based neurofeedback reinforces causality of attention networks. 2012 , 72, 347-54	44
1157	The salience network contributes to an individual's fluid reasoning capacity. 2012 , 229, 384-90	38
1156	Can the default-mode network be described with one spatial-covariance network?. 2012 , 1468, 38-51	12
1155	GMAC: a Matlab toolbox for spectral Granger causality analysis of fMRI data. 2012 , 42, 943-56	15
1154	Altered and asymmetric default mode network activity in a "hypnotic virtuoso": an fMRI and EEG study. 2012 , 21, 393-400	24

1153	Advanced MR imaging techniques and characterization of residual anatomy. 2012 , 114, 460-70	19
1152	Changes in thalamus connectivity in mild cognitive impairment: evidence from resting state fMRI. 2012 , 81, 277-85	82
1151	Spectral and spatial shifts of post-ictal slow waves in temporal lobe seizures. 2012 , 135, 3134-43	25
1150	Measuring and manipulating brain connectivity with resting state functional connectivity magnetic resonance imaging (fcMRI) and transcranial magnetic stimulation (TMS). 2012 , 62, 2232-43	222
1149	Default mode network activity and connectivity in psychopathology. 2012 , 8, 49-76	868
1148	A role for the default mode network in the bases of disorders of consciousness. 2012 , 72, 335-43	171
1147	Impaired sustained attention in euthymic bipolar disorder patients and non-affected relatives: an fMRI study. 2012 , 14, 764-79	44
1146	Exploration and modulation of brain network interactions with noninvasive brain stimulation in combination with neuroimaging. 2012 , 35, 805-25	110
1145	Dopamine supports coupling of attention-related networks. 2012 , 32, 9582-7	98
1144	Modularity-based graph partitioning using conditional expected models. 2012 , 85, 016109	6
1143	Imaging treatment effects in depression. 2012 , 23, 227-52	32
1142	Her versus his migraine: multiple sex differences in brain function and structure. 2012 , 135, 2546-59	143
1141	Title Page / Table of Contents. 2012 , 66, 1-3	
1140	The fallacy of a "task-negative" network. 2012 , 3, 145	202
1139	Early and late onset, first-episode, treatment-naive depression: same clinical symptoms, different regional neural activities. 2012 , 143, 56-63	66
1138	Conn: a functional connectivity toolbox for correlated and anticorrelated brain networks. 2012 , 2, 125-41	2267
1137	Dimensional brain-behavior relationships in children with attention-deficit/hyperactivity disorder. 2012 , 71, 434-42	69
1136	Evidence of a dissociation pattern in resting-state default mode network connectivity in first-episode, treatment-naive major depression patients. 2012 , 71, 611-7	460

1135	Efficacy of transcranial magnetic stimulation targets for depression is related to intrinsic functional connectivity with the subgenual cingulate. 2012 , 72, 595-603	546
1134	Connectivity graph analysis of the auditory resting state network in tinnitus. 2012 , 1485, 10-21	142
1133	A preliminary study of alterations in default network connectivity in post-traumatic stress disorder patients following recent trauma. 2012 , 1484, 50-6	65
1132	Modulation of large-scale brain networks by transcranial direct current stimulation evidenced by resting-state functional MRI. 2012 , 5, 252-263	204
1131	Your mind wanders weakly, your mind wanders deeply: objective measures reveal mindless reading at different levels. 2012 , 125, 179-94	68
1130	Brain connectivity during resting state and subsequent working memory task predicts behavioural performance. 2012 , 48, 1187-96	155
1129	A low-cost intervention for improving gait in Parkinson's disease patients: A cane providing visual cues. 2012 , 3, 126-130	8
1128	Effects of training strategies implemented in a complex videogame on functional connectivity of attentional networks. 2012 , 59, 138-48	73
1127	Altered resting-state effective connectivity of fronto-parietal motor control systems on the primary motor network following stroke. 2012 , 59, 227-37	64
1126	Evaluative and generative modes of thought during the creative process. 2012 , 59, 1783-94	341
1125	Anticorrelated resting-state functional connectivity in awake rat brain. 2012 , 59, 1190-9	117
1124	Convergence and divergence of thickness correlations with diffusion connections across the human cerebral cortex. 2012 , 59, 1239-48	232
1123	Randomness of resting-state brain oscillations encodes Gray's personality trait. 2012 , 59, 1842-5	38
1122	Anticorrelations in resting state networks without global signal regression. 2012 , 59, 1420-8	697
1121	Bedside optical imaging of occipital resting-state functional connectivity in neonates. 2012 , 59, 2529-38	76
1120	Impact of state anxiety on the interaction between threat monitoring and cognition. 2012 , 59, 1912-23	149
1119	Imitation components in the human brain: an fMRI study. 2012 , 59, 1622-30	22
1118	Task-induced deactivation and the "resting" state. 2012 , 62, 1086-91	67

1117	Caffeine increases the temporal variability of resting-state BOLD connectivity in the motor cortex. 2012 , 59, 2994-3002	44
1116	Discriminative analysis of early Alzheimer's disease using multi-modal imaging and multi-level characterization with multi-classifier (M3). 2012 , 59, 2187-95	203
1115	An integrative model of the neural systems supporting the comprehension of observed emotional behavior. 2012 , 59, 3050-9	111
1114	Spurious but systematic correlations in functional connectivity MRI networks arise from subject motion. 2012 , 59, 2142-54	4817
1113	The impact of serotonin transporter (5-HTTLPR) genotype on the development of resting-state functional connectivity in children and adolescents: a preliminary report. 2012 , 59, 2760-70	50
1112	Dynamical stability of intrinsic connectivity networks. 2012 , 59, 4022-31	13
1111	Cortical cartography and Caret software. 2012 , 62, 757-64	74
1110	A spatiotemporal dynamic distributed solution to the MEG inverse problem. 2012 , 63, 894-909	42
1109	Functional connectivity mapping of the human precuneus by resting state fMRI. 2012 , 59, 3548-62	368
1108	Patterns of hemodynamic low-frequency oscillations in the brain are modulated by the nature of free thought during rest. 2012 , 59, 3194-200	71
1107	Regional homogeneity of resting state fMRI signals predicts Stop signal task performance. 2012 , 60, 539-44	81
1106	Resting oscillations and cross-frequency coupling in the human posteromedial cortex. 2012 , 60, 384-91	70
1105	Distributed processing; distributed functions?. 2012 , 61, 407-26	67
1104	Support vector machine classification and characterization of age-related reorganization of functional brain networks. 2012 , 60, 601-13	124
1103	The NOS1 variant rs6490121 is associated with variation in prefrontal function and grey matter density in healthy individuals. 2012 , 60, 614-22	22
1102	The role of physiological noise in resting-state functional connectivity. 2012 , 62, 864-70	246
1101	Brain state regulation during normal development: Intrinsic activity fluctuations in simultaneous EEG-fMRI. 2012 , 60, 1426-39	33
1100	A brief history of the resting state: the Washington University perspective. 2012 , 62, 902-10	161

1099	Reduced caudate volume and enhanced striatal-DMN integration in chess experts. 2012 , 60, 1280-6	54
1098	Exploring resting-state functional connectivity with total interdependence. 2012 , 60, 1587-95	25
1097	The past, present and future of social neuroscience: a European perspective. 2012 , 61, 437-49	81
1096	Resting state functional connectivity in addiction: Lessons learned and a road ahead. 2012 , 62, 2281-95	345
1095	Physiological denoising of BOLD fMRI data using Regressor Interpolation at Progressive Time Delays (RIPTiDe) processing of concurrent fMRI and near-infrared spectroscopy (NIRS). 2012 , 60, 1913-23	49
1094	Investigation of fMRI neurofeedback of differential primary motor cortex activity using kinesthetic motor imagery. 2012 , 61, 21-31	83
1093	Infra-slow fluctuations in electrophysiological recordings, blood-oxygenation-level-dependent signals, and psychophysical time series. 2012 , 62, 2201-11	96
1092	Structural connectivity allows for multi-threading during rest: the structure of the cortex leads to efficient alternation between resting state exploratory behavior and default mode processing. 2012 , 60, 2274-84	26
1091	Why use a connectivity-based approach to study stroke and recovery of function?. 2012 , 62, 2271-80	213
1090	Task-related BOLD responses and resting-state functional connectivity during physiological clamping of end-tidal CO(2). 2012 , 61, 41-9	16
1089	The behavioral significance of coherent resting-state oscillations after stroke. 2012 , 61, 249-57	105
1088	One-year test-retest reliability of intrinsic connectivity network fMRI in older adults. 2012 , 61, 1471-83	178
1087	Atlas-based analysis of resting-state functional connectivity: evaluation for reproducibility and multi-modal anatomy-function correlation studies. 2012 , 61, 613-21	92
1086	Resting-state functional connectivity of the vermal and hemispheric subregions of the cerebellum with both the cerebral cortical networks and subcortical structures. 2012 , 61, 1213-25	152
1085	Meta-analytic clustering of the insular cortex: characterizing the meta-analytic connectivity of the insula when involved in active tasks. 2012 , 62, 343-55	220
1084	Inferring task-related networks using independent component analysis in magnetoencephalography. 2012 , 62, 530-41	99
1083	Changes in the brain intrinsic organization in both on-task state and post-task resting state. 2012 , 62, 394-407	71
1082	Common and unique neuro-functional basis of induction, visualization, and spatial relationships as cognitive components of fluid intelligence. 2012 , 62, 331-42	35

1081	Determining functional connectivity using fMRI data with diffusion-based anatomical weighting. 2012 , 62, 1769-79	54
1080	States of mind: emotions, body feelings, and thoughts share distributed neural networks. 2012 , 62, 2110-28	94
1079	A NIRS-fMRI study of resting state network. 2012 , 63, 179-93	100
1078	Anti-correlated networks, global signal regression, and the effects of caffeine in resting-state functional MRI. 2012 , 63, 356-64	105
1077	Cognitive reserve impacts on inter-individual variability in resting-state cerebral metabolism in normal aging. 2012 , 63, 713-22	64
1076	Periodic changes in fMRI connectivity. 2012 , 63, 1712-9	279
1075	Enhanced functional networks in absolute pitch. 2012 , 63, 632-40	48
1074	A dual echo approach to motion correction for functional connectivity studies. 2012 , 63, 1487-97	8
1073	A 10-year longitudinal fMRI study of narrative comprehension in children and adolescents. 2012 , 63, 1188-95	52
1072	Whole brain resting state functional connectivity abnormalities in schizophrenia. 2012 , 139, 7-12	99
1071	Mentalizing in male schizophrenia patients is compromised by virtue of dysfunctional connectivity between task-positive and task-negative networks. 2012 , 140, 51-8	25
1070	Never resting region--mPFC in schizophrenia. 2012 , 140, 155-8	10
1069	A broken filter: prefrontal functional connectivity abnormalities in schizophrenia during working memory interference. 2012 , 141, 8-14	51
1068	A correlation-matrix-based hierarchical clustering method for functional connectivity analysis. 2012 , 211, 94-102	46
1067	Dysfunction of default-mode network in encephalopathy with a reversible corpus callosum lesion. 2012 , 317, 154-6	4
1066	Spontaneous brain activity relates to autonomic arousal. 2012 , 32, 11176-86	78
1065	Neuroimaging of attention-deficit/hyperactivity disorder: current neuroscience-informed perspectives for clinicians. 2012 , 14, 568-78	53
1064	Interactions between visual attention and episodic retrieval: dissociable contributions of parietal regions during gist-based false recognition. 2012 , 75, 1122-34	32

1063	State-dependent changes of connectivity patterns and functional brain network topology in autism spectrum disorder. 2012 , 50, 3653-62	55
1062	Metabolic brain covariant networks as revealed by FDG-PET with reference to resting-state fMRI networks. 2012 , 2, 275-83	105
1061	Frontotemporal lobar degeneration: new understanding brings new approaches. 2012 , 22, 83-97, viii	2
1060	The Biopsychology of Pain. 2012 ,	
1059	Resting-state fMRI studies in epilepsy. 2012 , 28, 449-55	32
1058	Autism-associated promoter variant in MET impacts functional and structural brain networks. 2012 , 75, 904-15	119
1057	Assessing brain connectivity at rest is clinically relevant in early multiple sclerosis. 2012 , 18, 1251-8	111
1056	Dopamine, corticostriatal connectivity, and intertemporal choice. 2012 , 32, 9402-9	89
1055	Imaging pain in arthritis: advances in structural and functional neuroimaging. 2012 , 16, 492-501	7
1054	Brain Informatics. 2012 ,	3
1053	Individual variability in functional connectivity predicts performance of a perceptual task. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 3516-21	11.5 198
1052	EEG power modulation of fMRI resting-state connectivity. 2012 , 2, 254-64	129
1051	Dehumanization in Medicine: Causes, Solutions, and Functions. 2012 , 7, 176-86	188
1050	Behavioral Neuroscience of Attention Deficit Hyperactivity Disorder and Its Treatment. 2012 ,	5
1049	Frontotemporal dementia: what can the behavioral variant teach us about human brain organization?. 2012 , 18, 373-85	87
1048	Functional connectivity profile of the human inferior frontal junction: involvement in a cognitive control network. 2012 , 13, 119	43
1047	Brain Imaging in Behavioral Neuroscience. 2012 ,	1
1046	Patients with fibromyalgia display less functional connectivity in the brain's pain inhibitory network. 2012 , 8, 32	168

1045	Distinct contributions of the caudate nucleus, rostral prefrontal cortex, and parietal cortex to the execution of instructed tasks. 2012 , 12, 611-28	42
1044	Optimizing preprocessing and analysis pipelines for single-subject fMRI: 2. Interactions with ICA, PCA, task contrast and inter-subject heterogeneity. 2012 , 7, e31147	42
1043	Effects of different correlation metrics and preprocessing factors on small-world brain functional networks: a resting-state functional MRI study. 2012 , 7, e32766	128
1042	Resting-state functional connectivity between fronto-parietal and default mode networks in obsessive-compulsive disorder. 2012 , 7, e36356	162
1041	Local signal time-series during rest used for areal boundary mapping in individual human brains. 2012 , 7, e36496	20
1040	Connectivity of default-mode network is associated with cerebral edema in hepatic encephalopathy. 2012 , 7, e36986	26
1039	Altered small-world brain networks in schizophrenia patients during working memory performance. 2012 , 7, e38195	59
1038	Non-stationarity in the "resting brain's" modular architecture. 2012 , 7, e39731	293
1037	Clustering of resting state networks. 2012 , 7, e40370	124
1036	The effect of hepatic encephalopathy, hepatic failure, and portosystemic shunt on brain volume of cirrhotic patients: a voxel-based morphometry study. 2012 , 7, e42824	41
1035	Age-related changes in task related functional network connectivity. 2012 , 7, e44421	34
1034	Consistency of network modules in resting-state FMRI connectome data. 2012 , 7, e44428	110
1033	Decoding lifespan changes of the human brain using resting-state functional connectivity MRI. 2012 , 7, e44530	76
1032	Relations between BOLD fMRI-derived resting brain activity and cerebral blood flow. 2012 , 7, e44556	90
1031	Functional and anatomical connectivity abnormalities in cognitive division of anterior cingulate cortex in schizophrenia. 2012 , 7, e45659	61
1030	The effects of CPAP treatment on task positive and default mode networks in obstructive sleep apnea patients: an fMRI study. 2012 , 7, e47433	21
1029	Regional homogeneity within the default mode network in bipolar depression: a resting-state functional magnetic resonance imaging study. 2012 , 7, e48181	72
1028	scMRI reveals large-scale brain network abnormalities in autism. 2012 , 7, e49172	64

1027	Age-related differences in test-retest reliability in resting-state brain functional connectivity. 2012 , 7, e49847	74
1026	Differential deactivation during mentalizing and classification of autism based on default mode network connectivity. 2012 , 7, e50064	74
1025	Resting-state connectivity of the sustained attention network correlates with disease duration in idiopathic generalized epilepsy. 2012 , 7, e50359	21
1024	Intrinsic brain network abnormalities in migraines without aura revealed in resting-state fMRI. 2012 , 7, e52927	130
1023	Psychoanalysis and the brain - why did freud abandon neuroscience?. 2012 , 3, 71	25
1022	Does "task difficulty" explain "task-induced deactivation?". 2012 , 3, 125	43
1021	Functional Heterogeneity within the Default Network during Semantic Processing and Speech Production. 2012 , 3, 281	71
1020	Resting state networks and consciousness: alterations of multiple resting state network connectivity in physiological, pharmacological, and pathological consciousness States. 2012 , 3, 295	171
1019	Default Positions: How Neuroscience's Historical Legacy has Hampered Investigation of the Resting Mind. 2012 , 3, 321	23
1018	Cognitive and neural aspects of information processing in major depressive disorder: an integrative perspective. 2012 , 3, 489	121
1017	Social working memory: neurocognitive networks and directions for future research. 2012 , 3, 571	52
1016	Resting state functional connectivity correlates of inhibitory control in children with attention-deficit/hyperactivity disorder. 2011 , 2, 83	40
1015	Task-related deactivation and functional connectivity of the subgenual cingulate cortex in major depressive disorder. 2012 , 3, 14	34
1014	Antipsychotic Drugs Alter Functional Connectivity between the Medial Frontal Cortex, Hippocampus, and Nucleus Accumbens as Measured by H215O PET. 2012 , 3, 105	28
1013	Coping with brief periods of food restriction: mindfulness matters. 2012 , 4, 13	15
1012	Monkey in the middle: why non-human primates are needed to bridge the gap in resting-state investigations. 2012 , 6, 29	99
1011	Influence of meditation on anti-correlated networks in the brain. 2011 , 5, 183	79
1010	Effects of meditation experience on functional connectivity of distributed brain networks. 2012 , 6, 38	193

1009	Working memory related brain network connectivity in individuals with schizophrenia and their siblings. 2012 , 6, 137	87
1008	Differential synchronization in default and task-specific networks of the human brain. 2012 , 6, 139	47
1007	A framework for interpreting functional networks in schizophrenia. 2012 , 6, 184	56
1006	Emotional and cognitive processing of narratives and individual appraisal styles: recruitment of cognitive control networks vs. modulation of deactivations. 2012 , 6, 239	25
1005	Interaction vs. observation: distinctive modes of social cognition in human brain and behavior? A combined fMRI and eye-tracking study. 2012 , 6, 331	30
1004	GABA(A) receptors in visual and auditory cortex and neural activity changes during basic visual stimulation. 2012 , 6, 337	15
1003	Correspondence between structure and function in the human brain at rest. 2012 , 6, 10	119
1002	Distinction between Externally vs. Internally Guided Decision-Making: Operational Differences, Meta-Analytical Comparisons and Their Theoretical Implications. 2012 , 6, 31	60
1001	What makes a pattern? Matching decoding methods to data in multivariate pattern analysis. 2012 , 6, 162	8
1000	Prediction of Task-Related BOLD fMRI with Amplitude Signatures of Resting-State fMRI. 2012 , 6, 7	51
999	MR connectomics: a conceptual framework for studying the developing brain. 2012 , 6, 43	76
998	ADHD-200 Global Competition: diagnosing ADHD using personal characteristic data can outperform resting state fMRI measurements. 2012 , 6, 69	99
997	On the Need of Objective Vigilance Monitoring: Effects of Sleep Loss on Target Detection and Task-Negative Activity Using Combined EEG/fMRI. 2012 , 3, 67	27
996	Cognitive remediation in schizophrenia. 2012 , 10, 125-35	30
995	A Neural Dynamic Model Based on Activation Diffusion and a Micro-Explanation for Cognitive Operations. 2012 , 6, 1-22	0
994	[Early evaluation of Alzheimer's disease: biomarkers and neuropsychological tests]. 2012 , 140, 1191-200	2
993	Referring to localized cognitive operations in parts of dynamically active brains. 262-284	1
992	Altered networks in bothersome tinnitus: a functional connectivity study. 2012 , 13, 3	128

991	Resting-state connectivity identifies distinct functional networks in macaque cingulate cortex. 2012 , 22, 1294-308	54
990	Functional connectivity in cortical regions in dementia with Lewy bodies and Alzheimer's disease. 2012 , 135, 569-81	83
989	Alzheimer disease: new concepts on its neurobiology and the clinical role imaging will play. 2012 , 263, 344-61	166
988	Large-scale cortical correlation structure of spontaneous oscillatory activity. 2012 , 15, 884-90	674
987	Hemispheric asymmetry of visual scene processing in the human brain: evidence from repetition priming and intrinsic activity. 2012 , 22, 1935-49	31
986	Resting functional connectivity of language networks: characterization and reproducibility. 2012 , 17, 841-54	182
985	Corticostriatal functional connectivity predicts transition to chronic back pain. 2012 , 15, 1117-9	625
984	The default mode network integrity in patients with Parkinson's disease is levodopa equivalent dose-dependent. 2012 , 119, 443-54	81
983	Stepwise connectivity of the modal cortex reveals the multimodal organization of the human brain. 2012 , 32, 10649-61	179
982	Shifting imaging targets in multiple sclerosis: from inflammation to neurodegeneration. 2012 , 36, 1-19	41
981	Test-retest stability analysis of resting brain activity revealed by blood oxygen level-dependent functional MRI. 2012 , 36, 344-54	71
980	A method to determine the necessity for global signal regression in resting-state fMRI studies. 2012 , 68, 1828-35	72
979	Investigation of the effective connectivity of resting state networks in Alzheimer's disease: a functional MRI study combining independent components analysis and multivariate Granger causality analysis. 2012 , 25, 1311-20	42
978	Functional connectivity and neurological recovery. 2012 , 54, 239-53	64
977	Identifying the default-mode component in spatial IC analyses of patients with disorders of consciousness. 2012 , 33, 778-96	103
976	Attention-related networks in Alzheimer's disease: a resting functional MRI study. 2012 , 33, 1076-88	79
975	Independent component analysis of DTI reveals multivariate microstructural correlations of white matter in the human brain. 2012 , 33, 1431-51	28
974	Brain default-mode network abnormalities in hepatic encephalopathy: a resting-state functional MRI study. 2012 , 33, 1384-92	54

973	A whole brain fMRI atlas generated via spatially constrained spectral clustering. 2012 , 33, 1914-28	940
972	Probabilistic tractography recovers a rostrocaudal trajectory of connectivity variability in the human insular cortex. 2012 , 33, 2005-34	200
971	The relationship between regional and inter-regional functional connectivity deficits in schizophrenia. 2012 , 33, 2535-49	81
970	Modulating cortico-striatal and thalamo-cortical functional connectivity with transcranial direct current stimulation. 2012 , 33, 2499-508	278
969	Modeling conflict and error in the medial frontal cortex. 2012 , 33, 2843-55	35
968	Intrinsic functional connectivity of the human medial temporal lobe suggests a distinction between adjacent MTL cortices and hippocampus. 2012 , 22, 2290-302	23
967	Group inference of default-mode networks from functional magnetic resonance imaging data: comparison of random- and mixed-effects group statistics. 2012 , 22, 121-131	3
966	Competitive and cooperative dynamics of large-scale brain functional networks supporting recollection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 12788-93	11.5 369
965	The association between cingulate cortex glutamate concentration and delay discounting is mediated by resting state functional connectivity. 2012 , 2, 553-62	34
964	The cognitive neuroscience of ageing. 2012 , 13, 491-505	759
963	[Structural and functional neuronal connectivity in Alzheimer's disease: a combined DTI and fMRI study]. 2012 , 83, 878-87	22
962	Gap junctions modulate seizures in a mean-field model of general anesthesia for the cortex. 2012 , 6, 215-25	25
961	Traveling EEG slow oscillation along the dorsal attention network initiates spontaneous perceptual switching. 2012 , 6, 185-98	16
960	Funktionelle Konnektivität im Schlaf. 2012 , 16, 43-52	
959	Shared genetic influences on ADHD symptoms and very low-frequency EEG activity: a twin study. 2012 , 53, 706-15	23
958	Human connectomics. 2012 , 22, 144-53	183
957	Functional connectivity in the cognitive control network and the default mode network in late-life depression. 2012 , 139, 56-65	281
956	Cortical and thalamic resting-state functional connectivity is altered in childhood absence epilepsy. 2012 , 99, 327-34	46

955	Cooperation between the default mode network and the frontal-parietal network in the production of an internal train of thought. 2012 , 1428, 60-70	248
954	Undirected thought: neural determinants and correlates. 2012 , 1428, 51-9	129
953	Tempo-spatial analysis of vision-related acupoint specificity in the occipital lobe using fMRI: an ICA study. 2012 , 1436, 34-42	11
952	Cortical correlates of self-generation in verbal paired associate learning. 2012 , 1437, 104-14	13
951	Moderating effects of music on resting state networks. 2012 , 1447, 53-64	41
950	Abnormal structural and functional brain connectivity in gray matter heterotopia. 2012 , 53, 1024-32	45
949	Aberrant default mode network in subjects with amnesic mild cognitive impairment using resting-state functional MRI. 2012 , 30, 48-61	59
948	fMRI connectivity analysis of acupuncture effects on the whole brain network in mild cognitive impairment patients. 2012 , 30, 672-82	79
947	Age differences in default and reward networks during processing of personally relevant information. 2012 , 50, 1682-97	36
946	Abnormal functional connectivity between the anterior cingulate and the default mode network in drug-naïve boys with attention deficit hyperactivity disorder. 2012 , 201, 120-7	108
945	Hyperintensity of functional networks involving voice-selective cortical regions during silent thought in schizophrenia. 2012 , 202, 110-7	18
944	Altered topological patterns of brain networks in mild cognitive impairment and Alzheimer's disease: a resting-state fMRI study. 2012 , 202, 118-25	88
943	Gesture in the developing brain. 2012 , 15, 165-80	42
942	Age-related changes in neural functional connectivity and its behavioral relevance. 2012 , 13, 16	31
941	Low-frequency EEG correlates of fMRI in the resting state. 2012 , 13,	2
940	Data driven analysis of low frequency spatio-temporal dynamics in resting state MRI (rsMRI) data. 2012 , 13,	78
939	Frontal parietal control network regulates the anti-correlated default and dorsal attention networks. 2012 , 33, 192-202	148
938	The impact of genetic variation in comt and bdnf on resting-state functional connectivity. 2012 , 22, 97-102	6

937	Functional Multiple-Set Canonical Correlation Analysis. 2012 , 77, 48-64	12
936	Preserved interhemispheric functional connectivity in a case of corpus callosum agenesis. 2012 , 54, 177-9	11
935	Neuroimaging biomarkers of preterm brain injury: toward developing the preterm connectome. 2012 , 42 Suppl 1, S33-61	39
934	[Default mode network of the brain. Neurobiology and clinical significance]. 2012 , 83, 16, 18-24	19
933	Low frequency oscillations of response time explain parent ratings of inattention and hyperactivity/impulsivity. 2012 , 21, 101-9	6
932	Functional brain connectivity at rest changes after working memory training. 2013 , 34, 396-406	126
931	Differential neural activity in the recognition of old versus new events: an activation likelihood estimation meta-analysis. 2013 , 34, 814-36	111
930	Dynamic changes of ICA-derived EEG functional connectivity in the resting state. 2013 , 34, 852-68	81
929	Brain mechanisms for processing affective touch. 2013 , 34, 914-22	190
928	Detection of physiological noise in resting state fMRI using machine learning. 2013 , 34, 985-98	7
927	Periods of rest in fMRI contain individual spontaneous events which are related to slowly fluctuating spontaneous activity. 2013 , 34, 1319-29	75
926	The organization of intrinsic brain activity differs between genders: a resting-state fMRI study in a large cohort of young healthy subjects. 2013 , 34, 1330-43	111
925	Cortical source of blink-related delta oscillations and their correlation with levels of consciousness. 2013 , 34, 2178-89	25
924	Resting-state networks show dynamic functional connectivity in awake humans and anesthetized macaques. 2013 , 34, 2154-77	500
923	Dissociating anticipation from perception: Acute pain activates default mode network. 2013 , 34, 2228-43	29
922	Functional network connectivity during rest and task conditions: a comparative study. 2013 , 34, 2959-71	81
921	Changes in resting-state functionally connected parietofrontal networks after videogame practice. 2013 , 34, 3143-57	32
920	Aberrant functional network recruitment of posterior parietal cortex in Turner syndrome. 2013 , 34, 3117-28	25

919	Intrinsic resting-state activity predicts working memory brain activation and behavioral performance. 2013 , 34, 3204-15	152
918	Short-time windows of correlation between large-scale functional brain networks predict vigilance intraindividually and interindividually. 2013 , 34, 3280-98	150
917	Inferring functional connectivity in MRI using Bayesian network structure learning with a modified PC algorithm. 2013 , 75, 165-175	25
916	Circadian rhythms, sleep deprivation, and human performance. 2013 , 119, 155-90	191
915	Distinguishing multi-voxel patterns and mean activation: why, how, and what does it tell us?. 2013 , 13, 667-73	84
914	Rapid instructed task learning: a new window into the human brain's unique capacity for flexible cognitive control. 2013 , 13, 1-22	127
913	Abnormal baseline brain activity in patients with HBV-related cirrhosis without overt hepatic encephalopathy revealed by resting-state functional MRI. 2013 , 28, 485-92	27
912	Effects of a GABA-ergic medication combination and initial alcohol withdrawal severity on cue-elicited brain activation among treatment-seeking alcoholics. 2013 , 227, 627-37	26
911	Functional brain hubs and their test-retest reliability: a multiband resting-state functional MRI study. 2013 , 83, 969-82	135
910	Analysis of "task-positive" and "task-negative" functional networks during the performance of the Symbol Digit Modalities Test in patients at presentation with clinically isolated syndrome suggestive of multiple sclerosis. 2013 , 225, 399-407	13
909	On mind wandering, attention, brain networks, and meditation. 2013 , 9, 136-41	37
908	Sleep and Consciousness. 2013 , 133-182	14
907	The effect of resting condition on resting-state fMRI reliability and consistency: a comparison between resting with eyes open, closed, and fixated. 2013 , 78, 463-73	247
906	Striatocortical pathway dysfunction in addiction and obesity: differences and similarities. 2013 , 48, 1-19	168
905	Adaptive filtering and random variables coefficient for analyzing functional magnetic resonance imaging data. 2013 , 23, 1350011	5
904	Mapping connectivity in the developing brain. 2013 , 31, 525-42	57
903	A chronometric functional sub-network in the thalamo-cortical system regulates the flow of neural information necessary for conscious cognitive processes. 2013 , 51, 1336-49	16
902	Abnormal activity of default mode network in GERD patients. 2013 , 14, 69	3

901	Noise-induced anti-correlated slow fluctuations in networks of neural populations. 2013 , 14, P214	78
900	Antidepressants normalize the default mode network in patients with dysthymia. 2013 , 70, 373-82	185
899	Age-related changes in resting-state and task-activated functional MRI networks. 2013 ,	2
898	Imaging the Brain in Autism. 2013 ,	10
897	Neuroimaging of Consciousness. 2013 ,	4
896	Multi-task connectivity reveals flexible hubs for adaptive task control. 2013 , 16, 1348-55	982
895	Dynamical correlation patterns and corresponding community structure in neural spontaneous activity at criticality. 2013 , 7, 381-93	0
894	Eyes-open/eyes-closed dataset sharing for reproducibility evaluation of resting state fMRI data analysis methods. 2013 , 11, 469-76	64
893	Common hippocampal structural and functional changes in migraine. 2013 , 218, 903-12	107
892	Functional MRI and outcome in traumatic coma. 2013 , 13, 375	25
891	Local synchronization and amplitude of the fluctuation of spontaneous brain activity in attention-deficit/hyperactivity disorder: a resting-state fMRI study. 2013 , 29, 603-13	72
890	Feature-reduction and semi-simulated data in functional connectivity-based cortical parcellation. 2013 , 29, 333-47	3
889	Cytoarchitectonic mapping of attentional selection and reorienting in parietal cortex. 2013 , 67, 257-72	30
888	Central mechanisms of pain revealed through functional and structural MRI. 2013 , 8, 518-34	217
887	Resting-state functional connectivity predicts impulsivity in economic decision-making. 2013 , 33, 4886-95	121
886	A survey of the sources of noise in fMRI. 2013 , 78, 396-416	39
885	Alzheimer's disease and amnesic mild cognitive impairment weaken connections within the default-mode network: a multi-modal imaging study. 2013 , 34, 969-84	58
884	An anatomical substrate for integration among functional networks in human cortex. 2013 , 33, 14489-500	278

883	Dynamic cooperation and competition between brain systems during cognitive control. 2013 , 17, 493-501	290
882	Chemotherapy altered brain functional connectivity in women with breast cancer: a pilot study. 2013 , 7, 524-32	58
881	Chemotherapy-induced amenorrhea: a prospective study of brain activation changes and neurocognitive correlates. 2013 , 7, 491-500	31
880	Early life stress is associated with greater default network deactivation during working memory in healthy controls: a preliminary report. 2013 , 7, 204-12	37
879	Fibromyalgia interacts with age to change the brain. 2013 , 3, 249-60	62
878	Intelligence is differentially related to neural effort in the task-positive and the task-negative brain network. 2013 , 41, 517-528	38
877	Cognitive-behavioral therapy increases prefrontal cortex gray matter in patients with chronic pain. 2013 , 14, 1573-84	165
876	Isolating age-group differences in working memory load-related neural activity: assessing the contribution of working memory capacity using a partial-trial fMRI method. 2013 , 72, 20-32	28
875	Wavelet-transformed temporal cerebral blood flow signals during attempted inhibition of cue-induced cocaine craving distinguish prognostic phenotypes. 2013 , 128, 140-7	6
874	Item familiarity and controlled associative retrieval in Alzheimer's disease: an fMRI study. 2013 , 49, 1566-84	23
873	Long-duration transcutaneous electric acupoint stimulation alters small-world brain functional networks. 2013 , 31, 1105-11	15
872	The human brain pacemaker: Synchronized infra-slow neurovascular coupling in patients undergoing non-pulsatile cardiopulmonary bypass. 2013 , 72, 10-9	5
871	Neurobiological markers of exercise-related brain plasticity in older adults. 2013 , 28, 90-9	266
870	Blood Oxygenation Level-dependent/Functional Magnetic Resonance Imaging: Underpinnings, Practice, and Perspectives. 2013 , 8, 329-44	6
869	Functional network architecture of reading-related regions across development. 2013 , 125, 231-43	53
868	Resting state functional connectivity associated with trait emotional intelligence. 2013 , 83, 318-28	43
867	Causal interactions between fronto-parietal central executive and default-mode networks in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 19944-9	331
866	The amplitude of the resting-state fMRI global signal is related to EEG vigilance measures. 2013 , 83, 983-90	178

865	The nature of mind wandering during reading varies with the cognitive control demands of the reading strategy. 2013 , 1539, 48-60	18
864	Task-related concurrent but opposite modulations of overlapping functional networks as revealed by spatial ICA. 2013 , 79, 62-71	58
863	Over-activation in bilateral superior temporal gyrus correlated with subsequent forgetting effect of Chinese words. 2013 , 126, 203-7	3
862	Track-weighted functional connectivity (TW-FC): a tool for characterizing the structural-functional connections in the brain. 2013 , 70, 199-210	34
861	Altered resting-state functional connectivity of the dentate nucleus in Parkinson's disease. 2013 , 211, 64-71	42
860	Emerging biomarkers in cognition. 2013 , 29, 809-28	11
859	Long-range functional interactions of anterior insula and medial frontal cortex are differently modulated by visuospatial and inductive reasoning tasks. 2013 , 78, 426-38	26
858	Effects of working memory training on functional connectivity and cerebral blood flow during rest. 2013 , 49, 2106-25	113
857	Alterations of superficial white matter in schizophrenia and relationship to cognitive performance. 2013 , 38, 1954-62	79
856	Cortical dynamics revisited. 2013 , 17, 616-26	148
855	Investigating univariate temporal patterns for intrinsic connectivity networks based on complexity and low-frequency oscillation: a test-retest reliability study. 2013 , 254, 404-26	21
854	Handbook of Neurosociology. 2013 ,	21
853	Network mechanisms of responsiveness to continuous theta-burst stimulation. 2013 , 38, 3230-8	30
852	Beyond the lesion: neuroimaging foundations for post-stroke recovery. 2013 , 8, 507-527	22
851	Evoked and intrinsic asymmetries during auditory attention: implications for the contralateral and neglect models of functioning. 2013 , 23, 560-9	19
850	Lateral prefrontal cortex is organized into parallel dorsal and ventral streams along the rostro-caudal axis. 2013 , 23, 2457-66	35
849	Freezing of gait in Parkinson's disease is associated with functional decoupling between the cognitive control network and the basal ganglia. 2013 , 136, 3671-81	170
848	Abstracts of Presentations at the International Conference on Basic and Clinical Multimodal Imaging (BaCI), a Joint Conference of the International Society for Neuroimaging in Psychiatry (ISNIP), the International Society for Functional Source Imaging (ISFSI), the International Society for Bioelectromagnetism (ISBEM), the International Society for Brain Electromagnetic Topography (ISBET), and the EEG and Clinical Neuroscience Society (ECNS), in Geneva, Switzerland, September 5-8, 2013. 2013 ,	4

847	The critical roles of localization and physiology for understanding parietal contributions to memory retrieval. 2013 , 19, 578-91	21
846	Seeing human: distinct and overlapping neural signatures associated with two forms of dehumanization. 2013 , 79, 313-28	46
845	Sleep deprivation increases dorsal nexus connectivity to the dorsolateral prefrontal cortex in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 19597-602	115
844	Hippocampus and consciousness. 2013 , 24, 239-66	11
843	The salience network causally influences default mode network activity during moral reasoning. 2013 , 136, 1929-41	143
842	Resting state networks in temporal lobe epilepsy. 2013 , 54, 2048-59	115
841	Re-evaluating the role of TPJ in attentional control: contextual updating?. 2013 , 37, 2608-20	257
840	Cross-hemispheric functional connectivity in the human fetal brain. 2013 , 5, 173ra24	134
839	Brainnetome-wide association studies in schizophrenia: the advances and future. 2013 , 37, 2818-35	20
838	Describing functional diversity of brain regions and brain networks. 2013 , 73, 50-8	157
837	S1 is associated with chronic low back pain: a functional and structural MRI study. 2013 , 9, 43	68
836	Quantifying the reliability of image replication studies: the image intraclass correlation coefficient (I2C2). 2013 , 13, 714-24	59
835	Unusual behaviors in sleep as compensatory reactions, aimed at normalizing the sleep-wake cycle. 2013 , 39, 635-641	3
834	Resilience to childhood maltreatment is associated with increased resting-state functional connectivity of the salience network with the lingual gyrus. 2013 , 37, 1021-9	40
833	Echoes of the brain within default mode, association, and heteromodal cortices. 2013 , 33, 14031-9	82
832	The WU-Minn Human Connectome Project: an overview. 2013 , 80, 62-79	2585
831	Disrupted functional brain connectome in individuals at risk for Alzheimer's disease. 2013 , 73, 472-81	293
830	Spontaneous EEG alpha oscillation interacts with positive and negative BOLD responses in the visual-auditory cortices and default-mode network. 2013 , 76, 362-72	84

829	EEG correlates of time-varying BOLD functional connectivity. 2013 , 72, 227-36	242
828	Coupling between visual alpha oscillations and default mode activity. 2013 , 68, 112-8	87
827	Neuronal oscillations in the EEG under varying cognitive load: a comparative study between slow waves and faster oscillations. 2013 , 124, 247-62	14
826	Continuous theta burst stimulation of the supplementary motor area: effect upon perception and somatosensory and motor evoked potentials. 2013 , 6, 877-83	18
825	Resting-state functional magnetic resonance imaging analysis with seed definition constrained by regional homogeneity. 2013 , 3, 438-49	13
824	Abnormal functional network connectivity among resting-state networks in children with frontal lobe epilepsy. 2013 , 34, 2386-92	42
823	Attention-dependent modulation of neural activity in primary sensorimotor cortex. 2013 , 3, 54-66	4
822	Effects of severing the corpus callosum on electrical and BOLD functional connectivity and spontaneous dynamic activity in the rat brain. 2014 , 4, 15-29	22
821	Multi-modal approach for investigating brain and behavior changes in an animal model of traumatic brain injury. 2013 , 30, 1007-12	20
820	Dynamic properties of functional connectivity in the rodent. 2013 , 3, 31-40	110
819	Altered connectivity of task related functional networks in healthy aging. 2013 ,	1
818	To you I am listening: perceived competence of advisors influences judgment and decision-making via recruitment of the amygdala. 2013 , 8, 189-202	17
817	Dysfunctional neural activity and connection patterns in attention deficit hyperactivity disorder: A resting state fMRI study. 2013 ,	3
816	Predicting free choices for abstract intentions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 6217-22	11.5 121
815	Accessible cultural mind-set modulates default mode activity: evidence for the culturally situated brain. 2013 , 8, 203-16	62
814	Assessing Graph Properties and Dynamics of the Functional Brain Networks in Alzheimer's Disease. 2013 ,	1
813	Verbal learning in Alzheimer's disease and mild cognitive impairment: fine-grained acquisition and short-delay consolidation performance and neural correlates. 2013 , 34, 361-73	15
812	A novel approach for global noise reduction in resting-state fMRI: APPLECOR. 2013 , 64, 19-31	20

811	When we like what we know--a parametric fMRI analysis of beauty and familiarity. 2013 , 124, 1-8	103
810	Resting state functional connectivity in preclinical Alzheimer's disease. 2013 , 74, 340-7	302
809	Accumbens functional connectivity during reward mediates sensation-seeking and alcohol use in high-risk youth. 2013 , 128, 130-9	75
808	Fasting plasma insulin and the default mode network in women at risk for Alzheimer's disease. 2013 , 34, 641-9	53
807	fMRI reveals reciprocal inhibition between social and physical cognitive domains. 2013 , 66, 385-401	138
806	Structure-function relationship of working memory activity with hippocampal and prefrontal cortex volumes. 2013 , 218, 173-86	33
805	Cognitive function and breast cancer: promise and potential insights from functional brain imaging. 2013 , 137, 33-43	50
804	Morning-evening variation in human brain metabolism and memory circuits. 2013 , 109, 1444-56	69
803	Brain modifications after acute alcohol consumption analyzed by resting state fMRI. 2013 , 31, 1325-30	13
802	The connectivity of functional cores reveals different degrees of segregation and integration in the brain at rest. 2013 , 69, 51-61	37
801	"Can waiting awaken the resting brain?" A comparison of waiting- and cognitive task-induced attenuation of very low frequency neural oscillations. 2013 , 1524, 34-43	8
800	Abnormal corticostriatal-limbic functional connectivity in obsessive-compulsive disorder during reward processing and resting-state. 2013 , 3, 27-38	84
799	Abnormal brain synchrony in Down Syndrome. 2013 , 2, 703-15	81
798	Resting-state functional connectivity of subgenual anterior cingulate cortex in depressed adolescents. 2013 , 74, 898-907	233
797	Differential and distributed effects of dopamine neuromodulations on resting-state network connectivity. 2013 , 78, 59-67	94
796	State-related functional integration and functional segregation brain networks in schizophrenia. 2013 , 150, 450-8	26
795	Intrinsic coupling modes: multiscale interactions in ongoing brain activity. 2013 , 80, 867-86	295
794	Is there a cerebellar compensatory effort in first-episode, treatment-naive major depressive disorder at rest?. 2013 , 46, 13-8	63

793	Adaptive significance of right hemisphere activation in aphasic language comprehension. 2013 , 51, 1248-59	21
792	Functional connectivity fMRI in mouse brain at 7T using isoflurane. 2013 , 214, 144-8	46
791	Test-retest reliability of task-related pharmacological MRI with a single-dose oral citalopram challenge. 2013 , 75, 108-116	13
790	Sex differences in the development of brain mechanisms for processing biological motion. 2013 , 83, 751-60	48
789	Route familiarity breeds inattention: a driving simulator study. 2013 , 57, 80-6	85
788	Decreased default network connectivity is associated with early life stress in medication-free healthy adults. 2013 , 23, 24-32	58
787	Gin and juice: modafinil tightens up the drinker's brain at rest. 2013 , 73, 704-5	
786	Intrinsic variability in the human response to pain is assembled from multiple, dynamic brain processes. 2013 , 75, 68-78	44
785	Bilateral basal ganglia activity in verbal working memory. 2013 , 125, 316-23	35
784	The neostriatum and response selection in overt sentence production: an fMRI study. 2013 , 82, 53-60	21
783	Resting state functional connectivity of five neural networks in bipolar disorder and schizophrenia. 2013 , 150, 601-9	93
782	Visual spatial attention enhances the amplitude of positive and negative fMRI responses to visual stimulation in an eccentricity-dependent manner. 2013 , 85, 104-12	38
781	Relationships between years of education and gray matter volume, metabolism and functional connectivity in healthy elders. 2013 , 83, 450-7	171
780	Default mode network interference in mild traumatic brain injury - a pilot resting state study. 2013 , 1537, 201-15	82
779	Differential connectivity within the Parahippocampal Place Area. 2013 , 75, 228-237	102
778	Inter-subject alignment of human cortical anatomy using functional connectivity. 2013 , 81, 400-411	77
777	ADHD as a Model of Brain-Behavior Relationships. 2013 ,	25
776	Developmental changes in within- and between-network connectivity between late childhood and adulthood. 2013 , 51, 156-67	89

775	Default mode network in childhood autism: posteromedial cortex heterogeneity and relationship with social deficits. 2013 , 74, 212-9	221
774	Functional and structural aging of the speech sensorimotor neural system: functional magnetic resonance imaging evidence. 2013 , 34, 1935-51	25
773	White matter structures associated with empathizing and systemizing in young adults. 2013 , 77, 222-36	62
772	Hippocampus-precuneus functional connectivity as an early sign of Alzheimer's disease: a preliminary study using structural and functional magnetic resonance imaging data. 2013 , 1495, 18-29	37
771	Classifying fMRI-derived resting-state connectivity patterns according to their daily rhythmicity. 2013 , 71, 298-306	54
770	Adding dynamics to the Human Connectome Project with MEG. 2013 , 80, 190-201	132
769	Extraversion is encoded by scale-free dynamics of default mode network. 2013 , 74, 52-7	64
768	Neural correlates of time-varying functional connectivity in the rat. 2013 , 83, 826-36	96
767	The neural pathway underlying a numerical working memory task in abacus-trained children and associated functional connectivity in the resting brain. 2013 , 1539, 24-33	23
766	Structural connectivity of visuotopic intraparietal sulcus. 2013 , 82, 137-45	33
765	The diminished interhemispheric connectivity correlates with negative symptoms and cognitive impairment in first-episode schizophrenia. 2013 , 150, 144-50	27
764	Can skilled readers perform a second task in parallel? A functional connectivity MRI study. 2013 , 124, 84-95	9
763	Changes in resting connectivity with age: a simultaneous electroencephalogram and functional magnetic resonance imaging investigation. 2013 , 34, 2194-207	38
762	A selective insular perfusion deficit contributes to compromised salience network connectivity in recovering alcoholic men. 2013 , 74, 547-55	58
761	"Distressed aging": the differences in brain activity between early- and late-onset tinnitus. 2013 , 34, 1853-63	43
760	Functional responses and structural connections of cortical areas for processing faces and voices in the superior temporal sulcus. 2013 , 76, 45-56	60
759	Functional network connectivity in the behavioral variant of frontotemporal dementia. 2013 , 49, 2389-401	149
758	The effect of scan length on the reliability of resting-state fMRI connectivity estimates. 2013 , 83, 550-8	453

757	Risk and resilience: A new perspective on Alzheimer's disease. 2013 , 1, 47-55	2
756	Spontaneous brain activity in combat related PTSD. 2013 , 547, 1-5	65
755	KIBRA gene variants are associated with synchronization within the default-mode and executive control networks. 2013 , 69, 213-22	17
754	Escaping the here and now: evidence for a role of the default mode network in perceptually decoupled thought. 2013 , 69, 120-5	79
753	Functional connectivity in a frontoparietal network involving the dorsal anterior cingulate cortex underlies decisions to accept a hypothesis. 2013 , 51, 1132-41	17
752	Neurovascular factors in resting-state functional MRI. 2013 , 80, 339-48	88
751	Down-regulation of amygdala and insula functional circuits by varenicline and nicotine in abstinent cigarette smokers. 2013 , 74, 538-46	107
750	In vivo functional calcium imaging of induced or spontaneous activity in the fly brain using a GFP-apoaequorin-based bioluminescent approach. 2013 , 1833, 1632-40	12
749	Global prefrontal and fronto-amygdala dysconnectivity in bipolar I disorder with psychosis history. 2013 , 73, 565-73	206
748	Impaired and facilitated functional networks in temporal lobe epilepsy. 2013 , 2, 862-72	87
747	The nuisance of nuisance regression: spectral misspecification in a common approach to resting-state fMRI preprocessing reintroduces noise and obscures functional connectivity. 2013 , 82, 208-25	356
746	Catechol-O-methyltransferase (COMT) influences the connectivity of the prefrontal cortex at rest. 2013 , 68, 49-54	45
745	Altered neural circuits related to sustained attention and executive control in children with ADHD: an event-related fMRI study. 2013 , 124, 2181-90	40
744	Ventral medial prefrontal functional connectivity and emotion regulation in chronic schizophrenia: a pilot study. 2013 , 29, 59-74	31
743	Functional connectivity of the cortical swallowing network in humans. 2013 , 76, 33-44	23
742	Homologous involvement of striatum and prefrontal cortex in rodent and human water maze learning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 3131-6	115 65
741	Infraslow LFP correlates to resting-state fMRI BOLD signals. 2013 , 74, 288-97	158
740	Quantification of network perfusion in ASL cerebral blood flow data with seed based and ICA approaches. 2013 , 26, 569-80	17

739	Thermotherapy to the facial region in and around the eyelids altered prefrontal hemodynamic responses and autonomic nervous activity during mental arithmetic. 2013 , 50, 35-47	14
738	A unified approach to multiple-set canonical correlation analysis and principal components analysis. 2013 , 66, 308-21	12
737	Abnormal resting-state cerebellar-cerebral functional connectivity in treatment-resistant depression and treatment sensitive depression. 2013 , 44, 51-7	127
736	Neural systems approaches to understanding major depressive disorder: an intrinsic functional organization perspective. 2013 , 52, 4-11	199
735	Decoding the role of the insula in human cognition: functional parcellation and large-scale reverse inference. 2013 , 23, 739-49	569
734	Emerging roles of the brain's default network. 2013 , 19, 76-87	88
733	Neuronal long-range temporal correlations and avalanche dynamics are correlated with behavioral scaling laws. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 3585-90	11.5 271
732	The alterations of degree centrality in the frontal lobe of patients with panic disorder.. 2022 , 19, 105-111	0
731	Atlasing white matter and grey matter joint contributions to resting-state networks in the human brain.	0
730	A novel ADHD classification method based on resting state temporal templates (RSTT) using spatiotemporal attention auto-encoder. 1	0
729	Plasticity of the language system in children and adults.. 2022 , 184, 397-414	1
728	Baseline Measures of EEG Power as Correlates of the Verbal and Nonverbal Components of Creativity and Intelligence. 2022 , 52, 124-134	
727	Co-sparse Non-negative Matrix Factorization.. 2021 , 15, 804554	
726	Modulating intrinsic functional connectivity with visual cortex using low-frequency repetitive transcranial magnetic stimulation.. 2022 , e2491	1
725	Linking the Brain with Behavior: The Neural Dynamics of Success and Failure in Goal-directed Behavior.. 2022 , 1-16	
724	High-definition transcranial direct current stimulation enhances network segregation during spatial navigation in mild cognitive impairment.. 2022 ,	
723	A Guide for Quantifying and Optimizing Measurement Reliability for the Study of Individual Differences.	1
722	Schizophrenia.. 2022 , 399, 473-486	11

721	Differentiating Melancholic and Non-melancholic Major Depressive Disorder Using Fractional Amplitude of Low-Frequency Fluctuations.. 2021 , 12, 763770	0
720	Weak Task Synchronization of Default Mode Network in Task Based Paradigms.. 2022 , 251, 118940	0
719	Assessing functional connectivity differences and work-related fatigue in surviving COVID-negative patients.. 2022 ,	0
718	Neuropsychological and Neuroimaging Correlates of High-Altitude Hypoxia Trekking During the "Gokyo Khumbu/Ama Dablam" Expedition.. 2022 ,	1
717	Altered Interplay Among Large-Scale Brain Functional Networks Modulates Multi-Domain Anosognosia in Early Alzheimer's Disease.. 2021 , 13, 781465	1
716	Spatiotemporal dissociation of brain network connectivity in salience processing: A simultaneous pupillometry-EEG-fMRI study.	0
715	On the Neuronal Dynamics of Aesthetic Experience: Evidence from Electroencephalographic Oscillatory Dynamics.. 2021 , 1-19	1
714	An aberrant hippocampal subregional network, rather than structure, characterizes major depressive disorder.. 2022 , 302, 123-123	0
713	On co-activation pattern analysis and non-stationarity of resting brain activity.. 2022 , 249, 118904	1
712	Serotonergic modulation of effective connectivity in an associative relearning network during task and rest.. 2022 , 249, 118887	2
711	Altered spontaneous brain activity patterns in patients with diabetic retinopathy using amplitude of low-frequency fluctuation.. 2022 , 13, 97-109	
710	Intrusive experiences in posttraumatic stress disorder: Treatment response induces changes in the directed functional connectivity of the anterior insula.. 2022 , 34, 102964	0
709	Graph theoretical analysis reveals the adaptive role of the left ventral occipito-temporal cortex in the brain networks during speech processing.	
708	Introspection confidence predicts EEG decoding of self-generated thoughts and meta-awareness.. 2022 ,	1
707	Cluttered memory representations shape cognition in old age.. 2022 ,	5
706	The Changes of Brain Function After Spinal Manipulation Therapy in Patients with Chronic Low Back Pain: A Rest BOLD fMRI Study.. 2022 , 18, 187-199	0
705	A Fast and Intuitive Method for Calculating Dynamic Network Reconfiguration and Node Flexibility.	
704	Intérêt et utilisation de l'hypnose pour améliorer le bien-être physique et psychologique en oncologie. 2017 , N° 4, 267-275	0

703	Mapping the subcortical connectivity of the human default mode network. 2021 , 245, 118758	5
702	Disrupted functional connectivity between the nucleus accumbens and posterior cingulate cortex in autism spectrum disorder. 2021 , 33,	0
701	Multimodal fusion analysis of functional, cerebrovascular and structural neuroimaging in healthy ageing subjects.	0
700	Submaximal Exercise Provokes Increased Activation of the Anterior Default Mode Network During the Resting State as a Biomarker of Postexertional Malaise in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome.. 2021 , 15, 748426	1
699	Physiological markers of tinnitus and hyperacusis. 2022 , 53-72	
698	Tinnitus and the nonauditory brain. 2022 , 149-175	
697	Evoked potentials and neuroimaging in humans with tinnitus. 2022 , 101-124	
696	Mapping Brain Networks Using Multimodal Data. 2022 , 1-51	
695	Differential Effects of 10 and 20 Hz Brain Stimulation in Chronic Stroke: A tACS-fMRI Study.. 2022 , PP,	0
694	More Than Meets the Eye: Art Engages the Social Brain.. 2022 , 16, 738865	3
693	Brain Activity Changes in Slow 5 and Slow 4 Frequencies in Patients With Optic Neuritis: A Resting State Functional MRI Study.. 2022 , 13, 823919	0
692	Tasks activating the default mode network map multiple functional systems.. 2022 , 1	0
691	Neuroimaging Examination of Driving Mode Switching Corresponding to Changes in the Driving Environment.. 2022 , 16, 788729	0
690	Spectral dynamic causal modeling of mindfulness, mind-wandering, and resting-state in the triple network using fMRI.. 2022 , 33, 221-226	
689	Funktionelle Neuroanatomie der Depression. 2022 , 41, 161-175	1
688	Distinct Generation of Subjective Vividness and Confidence during Naturalistic Memory Retrieval in Angular Gyrus.. 2022 , 1-13	0
687	Functional connectivity alteration of the deprived auditory regions with cognitive networks in deaf and inattentive adolescents.. 2022 , 16, 939	
686	Disrupted Resting State Attentional Network Connectivity in Adolescent and Young Adult Cannabis Users following Two-Weeks of Monitored Abstinence.. 2022 , 12,	0

- 685 The Relationship Between Default Mode and Dorsal Attention Networks Is Associated With Depressive Disorder Diagnosis and the Strength of Memory Representations Acquired Prior to the Resting State Scan.. **2022**, 16, 749767 1
- 684 Decoding task specific and task general functional architectures of the brain.. **2022**, 0
- 683 Altered Dynamic Functional Connectivity in Parkinson's Disease Patients With Depression.. **2021**, 13, 789785 0
- 682 The Functional Interactions between Cortical Regions through Theta-Gamma Coupling during Resting-State and a Visual Working Memory Task.. **2022**, 12, 0
- 681 Mindfulness-Based Interventions for the Treatment of Aberrant Interoceptive Processing in Substance Use Disorders.. **2022**, 12, 1
- 680 Pain and the Triple Network Model.. **2022**, 13, 757241 2
- 679 Increased Basal Ganglia Modulatory Effective Connectivity Observed in Resting-State fMRI in Individuals With Parkinson's Disease.. **2022**, 14, 719089 1
- 678 Resting state network activation and functional connectivity in the dying brain.. **2021**, 0
- 677 Enhanced Resting-State Functional Connectivity of the Nucleus Accumbens in First-Episode, Medication-Naïve Patients With Early Onset Schizophrenia.. **2022**, 16, 844519
- 676 Altered Neural Network Connectivity Predicts Depression in Parkinson's Disease.. **2022**, 16, 828651 0
- 675 Mind-Wandering and Childhood ADHD: Experimental Manipulations across Laboratory and Naturalistic Settings.. **2022**, 1 1
- 674 Self-navigating the Island of Reilāa systematic review of real-time fMRI neurofeedback training of insula activity.
- 673 Individual Differences in Parietal and Premotor Activity During Spatial Cognition Predict Figural Creativity. 1-10
- 672 Neuroanatomical Correlates of Mild-to-Moderate Depression: Memory Ability Mediates the Association Between Gray Matter Volume and Antidepressant Treatment Outcome.. **2022**, 16, 872228
- 671 Neural Processing of Health Information and Hypertension Self-Management in African Americans.. **2022**,
- 670 The neural basis of acceptance of uncertain situations: Relationship between ambiguity tolerance and the resting-state functional connectivity of the brain. 1 0
- 669 The Brain Structural-Functional Vulnerability in Drug-Naive Children With Juvenile Idiopathic Arthritis: Insights From the Hippocampus.. **2022**, 16, 833602
- 668 A tale of two connectivities: intra- and inter-subject functional connectivity jointly enable better prediction of social abilities.

667	Functional Connectivity of the Brain Across Rodents and Humans.. 2022 , 16, 816331	2
666	Processing of pain by the developing brain: evidence of differences between adolescent and adult females.. 2022 ,	0
665	Hierarchical organization of spontaneous co-fluctuations in densely-sampled individuals using fMRI.	0
664	Functional network antagonism and consciousness. 1-29	0
663	Interpersonal traits and the neural representations of cognitive control in the prefrontal cortex.. 2022 , 1	0
662	Statistical approaches to temporal and spatial autocorrelation in resting-state functional connectivity in mice measured with optical intrinsic signal imaging.. 2022 , 9, 041405	1
661	Dysregulation of adult hippocampal neuroplasticity in major depression: pathogenesis and therapeutic implications.. 2022 ,	5
660	Impaired functional network properties contribute to white matter hyperintensity related cognitive decline in patients with cerebral small vessel disease.. 2022 , 22, 40	0
659	Default-Mode Network Connectivity Changes Correlate with Attention Deficits in ALL Long-Term Survivors Treated with Radio- and/or Chemotherapy.. 2022 , 11,	
658	Neuroimaging of structural and functional connectivity in preterm infants with intraventricular hemorrhage.. 2022 , 151593	
657	Regional cerebral hypometabolism on 18F-FDG PET/CT scan in delirium is independent of acute illness and dementia.. 2022 ,	0
656	A meta-analysis on neural changes of cognitive training for mental disorders in executive function tasks: increase or decrease brain activation?. 2022 , 22, 155	2
655	Study of extravisual resting-state networks in pituitary adenoma patients with vision restoration.. 2022 , 23, 15	
654	Brain Network Connectivity and Executive Function in Children with Previous Infantile Hydrocephalus.. 2022 ,	0
653	NLGC: Network Localized Granger Causality with Application to MEG Directional Functional Connectivity Analysis.	0
652	Sex differences in functional network topology over the course of aging in 37543 UK Biobank participants.	
651	Dynamic Transitions Between Brain States Predict Auditory Attentional Fluctuations.. 2022 , 16, 816735	
650	On the intersection between data quality and dynamical modelling of large-scale fMRI signals.. 2022 , 119051	3

- 649 Meta-analytical transdiagnostic neural correlates in common pediatric psychiatric disorders.. **2022**, 12, 4909 0
- 648 The effects of androgen deprivation on working memory and quality of life in prostate cancer patients: The roles of hypothalamic connectivity.. **2022**, 2
- 647 The effects of plasticity-based cognitive rehabilitation on resting-state functional connectivity in chronic traumatic brain injury: A pilot study.. **2022**,
- 646 Coexistence of the social semantic effect and non-semantic effect in the default mode network.. **2022**, 1 0
- 645 Stability of sensorimotor network sculpts the dynamic repertoire of resting state over lifespan.. **2022**, 0
- 644 Benchmarking common preprocessing strategies in early childhood functional connectivity and intersubject correlation fMRI.. **2022**, 54, 101087 1
- 643 Uncovering Hidden Resting State Dynamics: A New Perspective on Auditory Verbal Hallucinations.. **2022**, 119188 0
- 642 The thickness of the ventral medial prefrontal cortex predicts the prior-entry effect for allocentric representation in near space.. **2022**, 12, 5704
- 641 The mouse claustrum synaptically connects cortical network motifs. 0
- 640 The Brain Is Adaptive Not Triune: How the Brain Responds to Threat, Challenge, and Change.. **2022**, 13, 802606 1
- 639 Closed-loop neuromodulation for studying spontaneous activity and causality.. **2022**, 1
- 638 Temporal fluctuations in vigilance and neural networks after sleep deprivation.. **2022**, 0
- 637 Large-scale distributed networks and cerebral hemispheres.. **2022**, 152, 53-58 0
- 636 Post-stroke reorganization of transient brain activity characterizes deficits and recovery of cognitive functions.. **2022**, 119201 0
- 635 Development of the neural correlates of self- and other-referential processing across adolescence.. **2022**, 119032 0
- 634 Relationship between plasma clozapine/N-desmethylozapine and changes in basal forebrain-dorsolateral prefrontal cortex coupling in treatment-resistant schizophrenia.. **2022**, 243, 170-177 0
- 633 Increased prefrontal cortex connectivity associated with depression vulnerability and relapse.. **2022**, 304, 133-141 1
- 632 Neural substrates of emotional conflict with anxiety in major depressive disorder: Findings from the Establishing Moderators and biosignatures of Antidepressant Response in Clinical Care (EMBARC) randomized controlled trial.. **2022**, 149, 243-251 0

631	Modulation of cortical oscillations by periodic electrical stimulation is frequency-dependent. 2022 , 110, 106356	2
630	Time-varying Dynamic Network Model For Dynamic Resting State Functional Connectivity in fMRI and MEG imaging.. 2022 , 119131	1
629	A comprehensive investigation of physiologic noise modeling in resting state fMRI; time shifted cardiac noise in EPI and its removal without external physiologic signal measures.. 2022 , 119136	0
628	Decreased Neural Connectivity in the Default Mode Network Among Youth and Young Adults With Chronic Kidney Disease.. 2021 , 41, 455-461	2
627	Neurocognitive Mechanism of Remote and Close Associations: An fMRI Study. 2021 , 134, 333-346	2
626	Socioeconomic and Cognitive Roots of Trait Anxiety in Young Adults.. 2021 ,	0
625	Cortico-striatal functional connectivity and cerebral small vessel disease: Contribution to mild Parkinsonian signs.. 2021 ,	0
624	Altered Resting State Functional Activity of Brain Regions in Neovascular Glaucoma: A Resting-State Functional Magnetic Resonance Imaging Study.. 2021 , 15, 800466	0
623	Altered Spontaneous Brain Activity Related to Neurologic Dysfunction in Patients With Cerebral Small Vessel Disease.. 2021 , 13, 731585	1
622	Investigation of Altered Spontaneous Brain Activities in Patients With Moyamoya Disease Using Percent Amplitude of Fluctuation Method: A Resting-State Functional MRI Study.. 2021 , 12, 801029	1
621	Dysfunctional Interaction Between the Dorsal Attention Network and the Default Mode Network in Patients With Type 2 Diabetes Mellitus.. 2021 , 15, 796386	1
620	Intra-individual cognitive variability in neuropsychological assessment: a sign of neural network dysfunction.. 2021 , 1-25	0
619	Multimodal Neuroimaging with Simultaneous fMRI and EEG. 2022 , 1-23	
618	Conceptual Design of a Creative Artificial Intelligence System Based on the Neurocognitive Bases of Human Creativity in the Brain. 1-22	1
617	STAT3 inhibitor mitigates cerebral amyloid angiopathy and parenchymal amyloid plaques while improving cognitive functions and brain networks.. 2021 , 9, 193	3
616	Experience-dependent plasticity modulates ongoing activity in the antennal lobe and enhances odor representations.. 2021 , 37, 110165	1
615	Correlations Between the DMN and the Smoking Cessation Outcome of a Real-Time fMRI Neurofeedback Supported Exploratory Therapy Approach: Descriptive Statistics on Tobacco-Dependent Patients. 2021 , 15500594211062703	
614	Effective connectivity of LSD-induced ego dissolution.	0

- 613 Chronic Fatigue in Cancer, Brain Connectivity and Reluctance to Engage in Physical Activity: A Mini-Review.. **2021**, 11, 774347 o
- 612 Cognitive decline, socioemotional change, or both? How the science of aging can inform future research on sacrificial moral dilemmas.. **2021**, 1-28 o
- 611 Maladaptive Self-Focused Attention and Default Mode Network Connectivity: A Transdiagnostic Investigation Across Social Anxiety and Body Dysmorphic Disorders. **2021**, o
- 610 Cingulo-opercular and frontoparietal control network connectivity and executive functioning in older adults.. **2021**, 1 1
- 609 From Action to Cognition: Neural Reuse, Network Theory and the Emergence of Higher Cognitive Functions.. **2021**, 11, 1
- 608 Brain-wide neural co-activations in resting human. o
- 607 Gyral Hinges Account for the Highest Cost and the Highest Communication Capacity in a Corticocortical Network. **2021**, o
- 606 A multimodal neuroimaging study investigating resting-state connectivity, glutamate and GABA at 7 T in first-episode psychosis.. **2021**, 46, E702-E710 o
- 605 Computational approaches to predicting treatment response to obesity using neuroimaging.. **2021**, 1 1
- 604 Thalamic altered spontaneous activity and connectivity in obstructive sleep apnea syndrome.. **2021**, o
- 603 Functional Topography of the Human Cerebellum Revealed by Functional Neuroimaging Studies. **2022**, 797-833 1
- 602 Aberrant Resting-State Functional Connectivity of the Dorsal Attention Network in Tinnitus.. **2021**, 2021, 2804533 o
- 601 Neuroscience of the yogic theory of consciousness.. **2021**, 2021, niab030 o
- 600 Altered Temporal Variations of Functional Connectivity Associated With Surgical Outcomes in Drug-Resistant Temporal Lobe Epilepsy.. **2022**, 16, 840481 o
- 599 Associations between resting-state functional connectivity changes and prolonged benefits of writing training in Parkinson's disease.. **2022**, 1 o
- 598 Involvement of the default mode network under varying levels of cognitive effort.. **2022**, 12, 6303 o
- 597 Associations Between Age and Resting State Connectivity Are Partially Dependent Upon Cardiovascular Fitness.. **2022**, 14, 858405 o
- 596 Drives dependent on neuronal systems in animal and human brains. 1-3 o

595 Impact of childhood cerebellar tumor surgery on cognition revealed by precuneus hyperconnectivity.. **2022**, 4, vdac050

594 Acting out and enactment: An effort at clarity. 1-15

593 High-Frequency Transcranial Magnetic Stimulation Combined With Functional Magnetic Resonance Imaging Reveals Distinct Activation Patterns Associated With Different Dorsolateral Prefrontal Cortex Stimulation Sites.. **2022**,

o

592 Aberrant functional connectivity and temporal variability of the dynamic pain connectome in patients with low back related leg pain.. **2022**, 12, 6324

591 Reduced ventral attention network connectivity is linked to the accelerated maturation of adult-like cortical organization in childhood.

o

590 The effects of nalmefene on the impulsive and reflective system in alcohol use disorder: A resting-state fMRI study.. **2022**, 1

o

589 Increasing participation in habitual intellectual activities on modulating functional connectivity of default mode network among older adults at risk of dementia: study protocol of a randomized controlled trial.. **2022**, 23, 306

588 BOLD fMRI: an update with emphasis on pediatric applications. 281-295

587 Table_1.docx. **2018**,

586 Image_1.TIF. **2018**,

585 Image_1.JPEG. **2018**,

584 Image_2.JPEG. **2018**,

583 Image_3.JPEG. **2018**,

582 Table_1.DOCX. **2018**,

581 Image_1.TIF. **2018**,

580 Table_1.XLS. **2018**,

579 Table_2.XLS. **2018**,

578 Table_3.XLS. **2018**,

577 Table_4.XLS. **2018**,

576 Table_5.XLS. **2018**,

575 Table_6.XLS. **2018**,

574 Table_7.XLS. **2018**,

573 Image_1.TIF. **2018**,

572 Image_1.TIF. **2019**,

571 Image_2.TIF. **2019**,

570 Image_3.TIF. **2019**,

569 Image_4.TIF. **2019**,

568 Table_1.docx. **2018**,

567 Table_2.docx. **2018**,

566 Data_Sheet_1.docx. **2018**,

565 Data_Sheet_2.docx. **2018**,

564 Data_Sheet_1.docx. **2019**,

563 Table_1.DOCX. **2018**,

562 Data_Sheet_1.pdf. **2020**,

561 Image_1.TIF. **2020**,

560 Image_2.TIF. **2020**,

559 Image_3.TIF. **2020**,

558 Image_1.JPEG. **2019**,

557 Image_2.JPEG. **2019**,

556 Image_3.JPEG. **2019**,

555 Data_Sheet_1.DOCX. **2020**,

554 Data_Sheet_1.docx. **2018**,

553 Data_Sheet_1.docx. **2018**,

552 Data_Sheet_1.ZIP. **2018**,

551 Image_1.pdf. **2020**,

550 Data_Sheet_1.PDF. **2020**,

549 Image_1.TIF. **2018**,

548 Image_2.TIF. **2018**,

547 Image_3.TIF. **2018**,

546 Data_Sheet_1.docx. **2019**,

545 Data_Sheet_1.PDF. **2019**,

544 Presentation_1.PDF. **2018**,

543 Video_1.mp4. **2019**,

542 Video_2.mp4. **2019**,

541 Data_Sheet_1.doc. **2019,**

540 Image_1.TIF. **2019,**

539 Image_2.TIF. **2019,**

538 Video_1.MP4. **2019,**

537 Video_2.MP4. **2019,**

536 Video_3.MP4. **2019,**

535 Data_Sheet_1.pdf. **2020,**

534 Table_1.DOCX. **2018,**

533 Image_1.jpeg. **2019,**

532 Data_Sheet_1.PDF. **2020,**

531 Table_1.DOCX. **2019,**

530 Image_1.TIF. **2019,**

529 Image_1.TIFF. **2018,**

528 Data_Sheet_1.pdf. **2018,**

527 Data_Sheet_2.docx. **2018,**

526 Data_Sheet_1.docx. **2019,**

525 Table_1.DOCX. **2019,**

524 Data_Sheet_1.docx. **2019,**

523 Data_Sheet_1.PDF. **2020**,

522 Image_1.PDF. **2020**,

521 Image_2.PDF. **2020**,

520 Image_3.PDF. **2020**,

519 Image_4.PDF. **2020**,

518 Image_5.PDF. **2020**,

517 Image_6.PDF. **2020**,

516 Image_7.PDF. **2020**,

515 Image_8.PDF. **2020**,

514 Table_1.XLSX. **2020**,

513 Table_10.XLSX. **2020**,

512 Table_11.XLSX. **2020**,

511 Table_12.XLSX. **2020**,

510 Table_13.XLSX. **2020**,

509 Table_2.XLSX. **2020**,

508 Table_3.XLSX. **2020**,

507 Table_4.XLSX. **2020**,

506 Table_5.XLSX. **2020**,

505 Table_6.XLSX. **2020,**

504 Table_7.XLSX. **2020,**

503 Table_8.XLSX. **2020,**

502 Table_9.XLSX. **2020,**

501 Data_Sheet_1.pdf. **2020,**

500 Data_Sheet_1.PDF. **2020,**

499 Data_Sheet_1.PDF. **2020,**

498 Image_1.TIF. **2019,**

497 Image_1.tif. **2018,**

496 Image_2.tif. **2018,**

495 Table_1.DOCX. **2020,**

494 Image_1.TIF. **2018,**

493 Image_2.TIF. **2018,**

492 Image_3.TIF. **2018,**

491 Image_4.TIF. **2018,**

490 Image_5.TIF. **2018,**

489 Image_6.TIF. **2018,**

488 Image_7.TIF. **2018,**

487 Table_1.PDF. **2018**,

486 Data_Sheet_1.docx. **2020**,

485 Data_Sheet_1.pdf. **2020**,

484 Data_Sheet_1.ZIP. **2018**,

483 Image_1.PDF. **2018**,

482 Image_10.PDF. **2018**,

481 Image_11.pdf. **2018**,

480 Image_12.pdf. **2018**,

479 Image_2.PDF. **2018**,

478 Image_3.PDF. **2018**,

477 Image_4.PDF. **2018**,

476 Image_5.PDF. **2018**,

475 Image_6.PDF. **2018**,

474 Image_7.PDF. **2018**,

473 Image_8.PDF. **2018**,

472 Image_9.PDF. **2018**,

471 Image_1.JPEG. **2020**,

470 Table_1.DOCX. **2020**,

469 Table_2.DOCX. **2020**,

468 Data_Sheet_1.PDF. **2020**,

467 Table_1.XLSX. **2019**,

466 Table_2.XLSX. **2019**,

465 Table_3.DOCX. **2019**,

464 Table_4.DOCX. **2019**,

463 Table_5.DOCX. **2019**,

462 Table_6.DOCX. **2019**,

461 Table_7.DOCX. **2019**,

460 Image_1.TIF. **2018**,

459 Image_2.TIF. **2018**,

458 Table_1.DOCX. **2018**,

457 Data_Sheet_1.docx. **2020**,

456 Table_1.DOCX. **2020**,

455 Table_2.DOCX. **2020**,

454 Table_3.DOCX. **2020**,

453 Image_1.TIF. **2019**,

452 Data_Sheet_1.DOCX. **2018**,

451 Image_1.TIF. **2020**,

450 Image_2.TIF. **2020**,

449 Table_1.DOCX. **2020**,

448 Presentation_1.pdf. **2018**,

447 Data_Sheet_1.pdf. **2018**,

446 Table_1.DOCX. **2019**,

445 Table_1.DOCX. **2018**,

444 Data_Sheet_1.DOCX. **2020**,

443 Data_Sheet_1.docx. **2019**,

442 Data_Sheet_1.docx. **2020**,

441 DataSheet_1.pdf. **2019**,

440 Data_Sheet_1.doc. **2019**,

439 DataSheet_1.docx. **2019**,

438 Data_Sheet_1.DOCX. **2018**,

437 Data_Sheet_1.PDF. **2018**,

436 Data_Sheet_1.docx. **2020**,

435 The role of the default mode network in longitudinal functional brain reorganization of brain gliomas.. **2022**, 1

o

434 Evaluation of Brain Functional Connectivity from Electroencephalographic Signals Under Different Emotional States.. **2022**, 2250026

- 433 OUP accepted manuscript. o
- 432 OUP accepted manuscript. o
- 431 Large scale brain network dynamics in very preterm children and relationship with socio-emotional outcomes.
- 430 Sex-Dependent Structure of Socioemotional Salience, Executive Control, and Default Mode Networks in Preschool-Aged Children with Autism.. **2022**, 119252 o
- 429 StandardRat: A multi-center consensus protocol to enhance functional connectivity specificity in the rat brain. o
- 428 Variability in Resting-State Functional Magnetic Resonance Imaging: The Effect of Body Mass, Blood Pressure, Hematocrit and Glycated Hemoglobin on Hemodynamic and Neuronal Parameters.. **2022**,
- 427 A More Female-Characterized Resting-State Brain: Graph Similarity Analyses of Sex Influence on the Human Brain Intrinsic Functional Network.. **2022**, o
- 426 Within- and between-subject reproducibility and variability in multi-modal, longitudinal brain networks. o
- 425 Exposure to traffic-related air pollution and noise during pregnancy and childhood, and functional brain connectivity in preadolescents.. **2022**, 164, 107275 1
- 424 Toward Composite Pain Biomarkers of Neuropathic PainFocus on Peripheral Neuropathic Pain. **2022**, 3, o
- 423 Resting-state Networks in Tinnitus : A Scoping Review.. **2022**, o
- 422 Resting-State Functional MRI of Healthy Adults: Temporal Dynamic Brain Coactivation Patterns.. **2022**, 211762 o
- 421 Lower functional hippocampal connectivity in healthy adults is jointly associated with higher levels of leptin and insulin resistance.. **2022**, 1-23
- 420 Structural and Functional Characterization of Gray Matter Alterations in Female Patients With Neuropsychiatric Systemic Lupus.. **2022**, 16, 839194
- 419 Increased insula activity precedes the formation of subjective illusory Gestalt.. **2022**, 119289 o
- 418 Subjective Well-Being and Bilateral Anterior Insula Functional Connectivity After Exercise Intervention in Older Adults With Mild Cognitive Impairment. **2022**, 16,
- 417 Markov-switching state-space models with applications to neuroimaging. **2022**, 107525 1
- 416 Electroencephalographic Microstates are Correlated with Global Functioning in Schizophrenia But Not in Bipolar Disorder.. **2022**, 15500594221098286 o

- 4¹⁵ The stress-vulnerability model on the path to schizophrenia: Interaction between BDNF methylation and schizotypy on the resting-state brain network. **2022**, 8,
- 4¹⁴ Estrogen, Cognitive Performance, and Functional Imaging Studies: What Are We Missing About Neuroprotection?. **2022**, 16, ○
- 4¹³ Static magnetic field stimulation over motor cortex modulates resting functional connectivity in humans.. **2022**, 12, 7834 ○
- 4¹² A resting-state network for novelty: Similar involvement of a global network under rest and task conditions.. **2022**, 323, 111488 ○
- 4¹¹ Attention- versus significance-driven memory formation: Taxonomy, neural substrates, and meta-analyses.. **2022**, 138, 104685
- 4¹⁰ Serotonergic psychedelic drugs LSD and psilocybin reduce the hierarchical differentiation of unimodal and transmodal cortex.. **2022**, 119220 2
- 4⁰⁹ Variability of regional glucose metabolism and the topology of functional networks in the human brain.. **2022**, 119280 ○
- 4⁰⁸ Dynamics of intrinsic whole-brain functional connectivity in abstinent males with methamphetamine use disorder. **2022**, 100065
- 4⁰⁷ Resting-State Functional Connectivity Differences in College Students with and without Food Insecurity. **2022**, 14, 2064 ○
- 4⁰⁶ Inferring Task-related Networks Using Independent Component Analysis in Magnetoencephalography.
- 4⁰⁵ Age- and Episodic Memory-related Differences in Task-based Functional Connectivity in Women and Men.. **2022**, 1-21 ○
- 4⁰⁴ Normal aging in mice is associated with a global reduction in cortical spectral power and network-specific declines in functional connectivity. **2022**, 257, 119287 ○
- 4⁰³ The effect of mindfulness training on resting-state networks in pre-adolescent children with sub-clinical anxiety related attention impairments.. **2022**,
- 4⁰² Capabilities: Duality Management. **2022**, 73-84
- 4⁰¹ Brain network integration, flexibility and quasicyclicity during task and rest.
- 4⁰⁰ A model of the mouse cortex with attractor dynamics explains the structure and emergence of rsfMRI co-activation patterns.
- 399 A synergistic core for human brain evolution and cognition. 3
- 398 What Time of the MonthInvestigating the Influence of the Menstrual Cycle and Oral Contraceptives on the Brain Using Magnetic Resonance Imaging. **2022**, 130, 303-312 ○

- 397 Effects of Different Scan Duration on Brain Effective Connectivity among Default Mode Network Nodes. **2022**, 12, 1277 o
- 396 Ongoing Brain Activity and Its Role in Cognition: Dual versus Baseline Models. 107385842210817 o
- 395 Distinct population and single-neuron selectivity for executive and episodic processing in human dorsal posterior cingulate.
- 394 New insights of the role of the KCNH2 gene in schizophrenia: An fMRI case-control study. **2022**, 60, 38-47
- 393 The functional connectivity predictor of therapeutic effect of continuous theta burst stimulation on obsessive-compulsive disorder: A preliminary study. **2022**, 311, 231-238 o
- 392 Imaging connectivity and functional brain networks in mild traumatic brain injury. **2022**, 379-391
- 391 Decoding Individual Differences in Expressing and Inhibiting Anger from Structural Brain Networks: A Supervised Machine Learning Approach. 1
- 390 Real-World Visual Experience Alters Baseline Brain Activity in the Resting State: A Longitudinal Study Using Expertise Model of Radiologists. **2022**, 16, o
- 389 The emergence and influence of internal states. **2022**, 2
- 388 DLPFC-tDCS unable to modulate mind-wandering propensity nor underlying functional or effective brain connectivity.
- 387 Intrinsic Connectivity Networks of Glutamate-Mediated Antidepressant Response: A Neuroimaging Review. **2022**, 13, 1
- 386 Lesion Localization of Time Disorientation in Patients With Focal Brain Damage. o
- 385 Neural network involvement for religious experiences in worship measured by EEG microstate analysis. 1
- 384 Long-Term Effects of Repeated Blast Exposure in United States Special Operations Forces Personnel: A Pilot Study Protocol;.
- 383 The structure of anticorrelated networks in the human brain.
- 382 Thrifty-Eating Behavior Phenotype at the Food Court [Programming Goes Beyond Food Preferences. **2022**, 13,
- 381 A preprocessing and functional connectivity analysis pipeline for mesoscale calcium imaging.
- 380 Neural Dynamics of Interoceptive Attention and Awareness: A Within-Participant fMRI Study. o

- 379 Brain Activity Characteristics of Patients With Disorders of Consciousness in the EEG Resting State Paradigm: A Review. **2022**, 16, 1
- 378 Defining attention from an auditory perspective. 1
- 377 Frequency-Specific Analysis of the Dynamic Reconfiguration of the Brain in Patients with Schizophrenia. **2022**, 12, 727
- 376 Lesion Network Mapping Using Resting-State Functional Connectivity MRI. **2022**, 181-198
- 375 Task- and resting-state fMRI studies in multiple sclerosis: From regions to systems and time-varying analysis. Current status and future perspective. **2022**, 35, 103076 1
- 374 The Differences in Structure and Function of the Cerebellum Between Cantonese-Mandarin Bilinguals and Mandarin Monolinguals: a Multi-model MRI Study.
- 373 Psychedelic Microdosing, Mindfulness, and Anxiety: A Cross-Sectional Mediation Study. 1-11
- 372 Vascular Cognitive Impairment and Dementia. **2022**, 28, 750-780 o
- 371 Homotopic contralesional excitation suppresses spontaneous circuit repair and global network reconnections following ischemic stroke. 11, o
- 370 Spatiotemporal dynamics of memory encoding and memory retrieval states. o
- 369 Interictal dynamic network transitions in mesial temporal lobe epilepsy. o
- 368 Brain Reactions to Opening and Closing the Eyes: Salivary Cortisol and Functional Connectivity.
- 367 Classification of early-MCI patients from healthy controls using evolutionary optimization of graph measures of resting-state fMRI, for the Alzheimer's disease neuroimaging initiative. **2022**, 17, e0267608 1
- 366 Prediction of childhood maltreatment and subtypes with personalized functional connectome of large-scale brain networks. o
- 365 Altered resting-state functional connectivity of the anterior cingulate cortex in rats post noise exposure. o
- 364 Spatio-temporal brain dynamics of self-identity: an EEG source analysis of the current and past self. **2022**, 227, 2167-2179 1
- 363 Hypothalamic connectivities predict individual differences in ADT-elicited changes in working memory and quality of life in prostate cancer patients. **2022**, 12,
- 362 Dysfunctional cortical gradient topography in treatment resistant major depression.

- 361 Microstates imbalance is associated with a functional dysregulation of the resting-state networks in obsessive-compulsive disorder: a high-density electrical neuroimaging study using the TESS method.
- 360 Functional alterations in large-scale resting-state networks of amyotrophic lateral sclerosis: A multi-site study across Canada and the United States. **2022**, 17, e0269154 1
- 359 Typical resting state activity of the brain requires visual input during an early sensitive period. 0
- 358 Cognitive enhancement: Effects of methylphenidate, modafinil, and caffeine on latent memory and resting state functional connectivity in healthy adults.
- 357 Mapping Inter-individual Functional Connectivity Variability in TMS Targets for Major Depressive Disorder. 13, 1
- 356 Reward Enhances Connectivity between the Ventral Striatum and the Default Mode Network. **2022**, 119398 0
- 355 Similar functional networks predict performance in both perceptual and value-based decision tasks.
- 354 The INSIDEOUT framework provides precise signatures of the balance of intrinsic and extrinsic dynamics in brain states. **2022**, 5, 1
- 353 Altered dynamic functional network connectivity within default mode network of epileptic children with generalized tonic-clonic seizures. **2022**, 184, 106969 0
- 352 Modeling spatio-temporal patterns of holistic functional brain networks via multi-head guided attention graph neural networks (Multi-Head GAGNNs). **2022**, 80, 102518
- 351 Aberrant functional connectivity within the salience network is related to cognitive deficits and disorganization in psychosis. **2022**, 246, 103-111 0
- 350 Anterior insula as a gatekeeper of executive control. **2022**, 139, 104736 1
- 349 Development of Intelligence in the Context of Digital Media Use. **2022**, 161-184
- 348 Functional Connectivity of Cortical Resting-State Networks is Differentially Affected by Rest Conditions.
- 347 Functional coupling between frontoparietal control subnetworks bridges the default and dorsal attention networks. 0
- 346 Genotypic effects of APOE- ϵ 4 on resting-state connectivity in cognitively intact individuals support functional brain compensation. 0
- 345 Unifying turbulent dynamics framework distinguishes different brain states. **2022**, 5, 1
- 344 Abnormal functional connectivities patterns of multidomain cognitive impairments in pontine stroke patients. 0

- 343 The modulatory effect of adaptive task-switching training on resting-state neural network dynamics in younger and older adults. **2022**, 12,
- 342 May the 4C's be with you: an overview of complexity-inspired frameworks for analysing resting-state neuroimaging data. **2022**, 19, o
- 341 EEG Resting-State Functional Networks in Amnesic Mild Cognitive Impairment. 155005942211100 o
- 340 The parcellation of cingulate cortex in neonatal period based on resting-state functional MRI.
- 339 Individual-level Functional Connectivity Predicts Cognitive Control Efficiency.
- 338 Longitudinal changes in auditory and reward systems following receptive music-based intervention in older adults. **2022**, 12, 1
- 337 Alterations in Functional and Structural Connectivity of Basal Ganglia Network in Patients with Obesity. o
- 336 Information content of brain states is explained by structural constraints on state energetics. **2022**, 106, o
- 335 Resting-State Brain Variability in Youth With Attention-Deficit/Hyperactivity Disorder. 13, 1
- 334 Variability in cognitive task performance in early adolescence is associated with stronger between-network anticorrelation and future attention problems.
- 333 The Structured Mind at Rest: Low-Frequency Oscillations Reflect Interactive Dynamics Between Spontaneous Brain Activity and a Common Architecture for Task Control. 16, o
- 332 Tinnitus and the triple network model: a perspective. 1
- 331 Disruption of Functional Brain Networks Underlies the Handwriting Deficit in Children With Developmental Dyslexia. 16, 1
- 330 Altered Functional Connectivity and Topological Organization of Brain Networks Correlate to Cognitive Impairments After Sleep Deprivation. Volume 14, 1285-1297 o
- 329 Connectome-based individualized prediction of reciprocity propensity and sensitivity to framing: a resting-state functional magnetic resonance imaging study. 1
- 328 Packetization improves communication efficiency in brain networks with rapid and cost-effective propagation strategies. o
- 327 Cofluctuation analysis reveals aberrant default mode network patterns in adolescents and youths with autism spectrum disorder.
- 326 Hippocampal and caudate network specificity is altered in older adults.

- 325 Developing control-theoretic objectives for large-scale brain dynamics and cognitive enhancement. **2022**, 0
- 324 Brain-wide neural co-activations in resting human. **2022**, 119461 1
- 323 Toward the Development of tES- Based Telemedicine System: Insights From the Digital Transformation and Neurophysiological Evidence. 13, 1
- 322 Brain Connectomics. **2022**, 32, 543-552 0
- 321 A Brief History of Arguments in Resting-State Functional Magnetic Resonance Imaging Research. 1-4
- 320 Multimodal fusion analysis of functional, cerebrovascular and structural neuroimaging in healthy aging subjects. 0
- 319 Reconfiguration of static and dynamic thalamo-cortical network functional connectivity of epileptic children with generalized tonic-clonic seizures. 16,
- 318 Centrality and interhemispheric coordination are related to different clinical/behavioral factors in attention deficit/hyperactivity disorder: a resting-state fMRI study.
- 317 Model-based stationarity filtering of long-term memory data applied to resting-state blood-oxygen-level-dependent signal. **2022**, 17, e0268752
- 316 Functional connectivity with medial temporal regions differs across cultures during post-encoding rest.
- 315 Not so spontaneous: Multi-dimensional representations of behaviors and context in sensory areas. **2022**, 0
- 314 Structural Connectivity in Down Syndrome and Alzheimer's Disease. 16, 0
- 313 Transient brain-wide coactivations and structured transitions revealed in hemodynamic imaging data. **2022**, 260, 119460 0
- 312 Development of cognitive control during adolescence: The integrative effects of family socioeconomic status and parenting behaviors. **2022**, 57, 101139 2
- 311 Four-dimensional Functional Maps Based on Event-related High-gamma Modulation Measured by Electrocorticography. **2021**, 41, 163-171
- 310 fMRI Functional Connectivity Analysis for Localizing Epileptic Focus. **2022**, 0
- 309 Neural contributions to reduced fluid intelligence across the adult lifespan.
- 308 Aberrant brain connectivity is associated with childhood maltreatment in individuals with major depressive disorder. 0

- 307 A nonlinear memductance induced intermittent and anti-phase synchronization. **2022**, 32, 073125 0
- 306 The fractional amplitude of low-frequency fluctuations signals related to amyloid uptake in high-risk populationsA pilot fMRI study. 14,
- 305 Identifying and validating subtypes of Parkinson's disease based on multimodal MRI data via hierarchical clustering analysis. 16, 0
- 304 A parsimonious description of global functional brain organization in three spatiotemporal patterns. **2022**, 25, 1093-1103 0
- 303 Traveling and standing waves in the brain. **2022**, 25, 980-981 0
- 302 The Atypical Effective Connectivity of Right Temporoparietal Junction in Autism Spectrum Disorder: A Multi-Site Study. 16, 1
- 301 Closing the mechanistic gap: the value of microarchitecture in understanding cognitive networks. **2022**, 1
- 300 Functional connectivity of the medial prefrontal cortex related to mindreading abilities.
- 299 Evolution of brain network dynamics in early Parkinson's disease with mild cognitive impairment.
- 298 Functional Correlates of Cognitive Performance and Working Memory in Temporal Lobe Epilepsy: Insights from Task-based and Resting-state fMRI.
- 297 Functional Connectivity Increases in Response to High-Definition Transcranial Direct Current Stimulation in Patients with Chronic Disorder of Consciousness. **2022**, 12, 1095 0
- 296 Transient disruption of functional connectivity and depression of neural fluctuations in a mouse model of acute septic encephalopathy.
- 295 Disrupted Spontaneous Neural Activity and Its Interaction With Pain and Emotion in Temporomandibular Disorders. 16, 0
- 294 Effective connectivity of functionally anticorrelated networks under LSD. **2022**, 0
- 293 Resting State Brain Dynamics: Associations with Childhood Sexual Abuse and Major Depressive Disorder. **2022**, 103164 0
- 292 Targeting default mode network connectivity with mindfulness-based fMRI neurofeedback: A pilot study among adolescents with affective disorder history.
- 291 Associations between regular cannabis use and brain resting-state functional connectivity in adolescents and adults.
- 290 Functional neuroimaging in psychiatry and the case for failing better. **2022**, 110, 2524-2544 2

- 289 Neurophysiological Perspective on Allostasis and Homeostasis: Dynamic Adaptation in Viable Systems. **2022**, 34, 710-717
- 288 Altered dynamic spontaneous neural activity in minimal hepatic encephalopathy. 13,
- 287 Regional homogeneity alterations in multifrequency bands in patients with basal ganglia stroke: A resting-state functional magnetic resonance imaging study. 14, 0
- 286 Low-frequency rTMS targeting individual self-initiated finger-tapping task activation modulates the amplitude of local neural activity in the putamen.
- 285 Default mode network-associated intrinsic connectivity relates to individual learnability differences in errorless and trial-and-error learning. 1-9
- 284 Intrinsic connectivity of the human brain provides scaffold for tau aggregation in clinical variants of Alzheimer's disease. **2022**, 14, 1
- 283 Altered Medial Prefrontal Connectivity in Parkinson's Disease Patients with Somatic Symptoms. 0
- 282 Why can spontaneous intracranial hypotension cause behavioral changes? A case report and multimodality neuroimaging comparison with frontotemporal dementia. **2022**,
- 281 Genetic association of apolipoprotein E genotype with EEG alpha rhythm slowing and functional brain network alterations during normal aging. 16, 1
- 280 Metabolic demands of the posteromedial default mode network are shaped by dorsal attention and frontoparietal control networks.
- 279 Replay, the default mode network and the cascaded memory systems model. 3
- 278 The posterior middle temporal gyrus serves as a hub in syntactic comprehension: A model on the syntactic neural network. **2022**, 232, 105162 0
- 277 NLGC: Network localized Granger causality with application to MEG directional functional connectivity analysis. **2022**, 260, 119496 1
- 276 Greater individual variability in functional brain activity during working memory performance in Schizophrenia Spectrum Disorders (SSD). **2022**, 248, 21-31 0
- 275 A dynamic gradient architecture generates brain activity states. **2022**, 261, 119526 0
- 274 Default mode network alterations underlie auditory verbal hallucinations in schizophrenia. **2022**, 155, 24-32
- 273 Altered functional connectivity associated with cognitive impairment in neuromyelitis optica spectrum disorder. **2022**, 68, 104113
- 272 Motor awareness: a model based on neurological syndromes. 0

- 271 Disrupted dynamic interactions between large-scale brain networks in cocaine users are associated with dependence severity. **2022**, ○
- 270 Decreased resting-state functional connectivity of the habenula-cerebellar in a major depressive disorder. 13, ○
- 269 To be and not to be: Wide-field Ca²⁺ imaging reveals neocortical functional segmentation combines stability and flexibility. ○
- 268 Structural and functional brain alterations in Cushing's disease: A narrative review. **2022**, 67, 101033 ○
- 267 From brain-body function to conscious interactions. **2022**, 141, 104833 1
- 266 State-dependent reductions of local brain connectivity in schizophrenia and their relation to performance and symptoms: A functional magnetic resonance imaging study. **2022**, 326, 111541 ○
- 265 Temperature-controlled propagation of spikes in neuronal networks. **2022**, 164, 112667 ○
- 264 Convergent gray matter alterations across drugs of abuse and network-level implications: A meta-analysis of structural MRI studies. **2022**, 240, 109625 ○
- 263 Young children with autism show atypical prefrontal cortical responses to humanoid robots: An fNIRS study. **2022**, 181, 23-32 ○
- 262 Separate neural subsystems support goal-directed speech listening. **2022**, 263, 119613 ○
- 261 Multiple-stage impairments of unfamiliar face learning in developmental prosopagnosia: Evidence from fMRI repetition suppression and multi-voxel pattern stability. **2022**, 176, 108370 ○
- 260 A spatio-temporal decomposition framework for dynamic functional connectivity in the human brain. **2022**, 263, 119618 ○
- 259 Functional connectivity of cortical resting-state networks is differentially affected by rest conditions. **2022**, 1796, 148081 ○
- 258 Real-Time Symptom Capture of Hallucinations in Schizophrenia with fMRI: Absence of Duration-Dependent Activity. **2022**, 3, ○
- 257 Neonatal Motor Functional Connectivity and Motor Outcomes at Age Two Years in Very Preterm Children with and Without High-Grade Brain Injury. ○
- 256 Rumination. **2022**, ○
- 255 New trends in deep learning for neuroimaging analysis and disease prediction. **2023**, 275-287 ○
- 254 Subcortical-cortical dynamical states of the human brain and their breakdown in stroke. **2022**, 13, ○

- 253 Inferring a Cognitive Architecture from Multitask Neuroimaging Data: A Data-Driven Test of the Common Model of Cognition Using Granger Causality. ○
- 252 Effective connectivity of emotion and cognition under psilocybin. ○
- 251 Efficient estimation of time-dependent functional connectivity using Structural Connectivity constraints. ○
- 250 A tale of two connectivities: intra- and inter-subject functional connectivity jointly enable better prediction of social abilities. 16, ○
- 249 A distinct intra-individual suppression subnetwork in the brain's default mode network across cognitive tasks. ○
- 248 Altered dynamic functional connectivity in rectal cancer patients with and without chemotherapy: A resting-state fMRI study. 1-18 ○
- 247 Vision- and touch-dependent brain correlates of body-related mental processing.. **2022**, ○
- 246 Distinct population and single-neuron selectivity for executive and episodic processing in human dorsal posterior cingulate. 11, ○
- 245 Sorrow and Beauty in the Brain. **2022**, 29, 119-134 ○
- 244 Resting-state electroencephalographic correlates of cognitive reserve: Moderating the age-related worsening in cognitive function. 14, ○
- 243 Association between cognitive impairments and aberrant dynamism of overlapping brain sub-networks in unmedicated major depressive disorder: A resting-state MEG study. **2022**, ○
- 242 Sex differences in neural substrates of risk taking: Implications for sex-specific vulnerabilities to internet gaming disorder. **2022**, 11, 778-795 ○
- 241 A functional near-infrared spectroscopy investigation of item-method directed forgetting. **2022**, ○
- 240 Dorsolateral Prefrontal Cortex Metabolic Profiles in Autism Spectrum Disorder Correlate Atypically with Nonverbal IQ and Typically with Attention Switching. ○
- 239 Functional near-infrared spectroscopy imaging of the prefrontal cortex during a naturalistic comedy movie. 16, ○
- 238 A Combined Image- and Coordinate-Based Meta-Analysis of Whole-Brain Voxel-Based Morphometry Studies Investigating Subjective Tinnitus. **2022**, 12, 1192 ○
- 237 Manatee cognition in the wild: an exploration of the manatee mind and behavior through neuroanatomy, psychophysics, and field observations. ○
- 236 Adaptation of Dynamics in Default Mode Network Depending on Mental States: the One-to-many dynamic functional connectivity analysis with fMRI. ○

- 235 Characterizing functional modules in the human thalamus: Coactivation-based parcellation and systems-level functional decoding. o
- 234 Combining CRISPR-Cas9 and brain imaging to study the link from genes to molecules to networks. **2022**, 119, o
- 233 From Correlation to Communication: disentangling hidden factors from functional connectivity changes. o
- 232 A brainnetome atlas-based methamphetamine dependence identification using neighborhood component analysis and machine learning on functional MRI data. 16, o
- 231 Neuromodulation as an Augmenting Strategy for Behavioral Therapies for Anxiety and PTSD: a Narrative Review. o
- 230 Neural Mechanisms and Psychology of Psychedelic Ego Dissolution. **2022**, 74, 876-917 o
- 229 Extracting default mode network based on graph neural network for resting state fMRI study. 1, 1
- 228 Functional connectivity of brain networks with three monochromatic wavelengths: a pilot study using resting-state functional magnetic resonance imaging. **2022**, 12, o
- 227 Covariance-based Decoding Reveals Content-specific Feature Integration and Top-down Processing for Imagined Faces versus Places. o
- 226 Neurostructural brain imaging study of trait dissociation in healthy children. **2022**, 8, o
- 225 Intolerance of uncertainty and functional connectivity of the anterior insula during anticipation of unpredictable reward. **2022**, o
- 224 Glioma BOLD connectivity profile and its relationship to patients' survival. o
- 223 Aberrant resting-state connectivity of auditory, ventral attention/salience and default-mode networks in adults with attention deficit hyperactivity disorder. 16, o
- 222 Age differences in the functional organization of the prefrontal cortex: analyses of competing hypotheses. o
- 221 Sobre el trastorno por déficit de atención e hiperactividad: consolidaciones, actualizaciones y perspectivas. **2022**, 33, 440-449 o
- 220 Animal Behavior in Psychedelic Research. **2022**, 74, 1176-1205 o
- 219 A role for the claustrum in cognitive control. **2022**, o
- 218 Structural-Functional Connectivity Bandwidth of the Human Brain. **2022**, 119659 o

- 217 DLPFC stimulation alters large-scale brain networks connectivity during a drug cue reactivity task: A tDCS-fMRI study. 16, ○
- 216 Test-retest reliability of peak location in the sensorimotor network of resting state fMRI for potential rTMS targets. 16, ○
- 215 Large-scale lesion symptom mapping of depression identifies brain regions for risk and resilience. ○
- 214 Altered functional connectivity in emotional subregions of the anterior cingulate cortex in young and middle-aged patients with major depressive disorder: A resting-state fMRI study. **2022**, 175, 108426 ○
- 213 Neurodevelopmental differences in task-evoked number network connectivity: Comparing symbolic and nonsymbolic number discrimination in children and adults. **2022**, 58, 101159 ○
- 212 How and Why Our Mind Wanders?. **2022**, 23-41 ○
- 211 Beyond the veil of duality: Topographic reorganization model of meditation. **2022**, 2022, ○
- 210 Intrinsic Brain Activity and Resting State Networks. **2022**, 1939-1990 ○
- 209 Networks Associated with Reward. **2022**, 1991-2017 ○
- 208 Functional connectivity in behavioral variant frontotemporal dementia. ○
- 207 Early remission in multiple sclerosis is linked to altered coherence of the Cerebellar Network. **2022**, 20, 1
- 206 Prefrontal tDCS is unable to modulate mind wandering propensity or underlying functional or effective brain connectivity. **2022**, 12, ○
- 205 Frequency-specific brain network architecture in resting-state fMRI. ○
- 204 Dysconnection and cognition in schizophrenia: a spectral dynamic causal modeling study. ○
- 203 Dysfunctional cortical gradient topography in treatment resistant major depression. **2022**, ○
- 202 Intrinsic connectivity within the affective salience network moderates adolescent susceptibility to negative and positive peer norms. **2022**, 12, ○
- 201 The functional circuits related to serotonin transporter and serotonin 1A receptor are differentially associated to serotonin transporter availability after an acute citalopram challenge. ○
- 200 Whole-brain propagation delays in multiple sclerosis, a combined tractography - magnetoencephalography study. JN-RM-0938-22 ○

- 199 Lesions causing post-stroke spasticity localize to a common brain network. 14, ☐
- 198 Abnormal percent amplitude of fluctuation changes in patients with monocular blindness: A resting-state functional magnetic resonance imaging study. 13, ☐
- 197 Anterior dorsal attention network tau drives visual attention deficits in posterior cortical atrophy. ☐
- 196 Altered anterior insula functional connectivity in adolescent and young women with endometriosis-associated pain: Pilot resting-state fMRI study. 2022, ☐
- 195 Identifying dynamic reproducible brain states using a predictive modelling approach. ☐
- 194 Sex differences in multilayer functional network topology over the course of aging in 37543 UK Biobank participants. 1-40 ☐
- 193 Hypothalamic Functional Connectivity and Apathy in People with Alzheimer's Disease and Cognitively Normal Healthy Controls. 2022, 1-14 ☐
- 192 Sex differences in brain homotopic co-activations: a meta-analytic study. 2022, 227, 2839-2855 ☐
- 191 Spatial variation of changes in test-retest reliability of functional connectivity after global signal regression: The effect of considering hemodynamic delay. ☐
- 190 Neuron matters: neuromodulation with electromagnetic stimulation must consider neurons as dynamic identities. 2022, 19, ☐
- 189 Wide-Field Calcium Imaging of Neuronal Network Dynamics In Vivo. 2022, 11, 1601 ☐
- 188 Cholinergic modulation supports DMN suppression during resting state. ☐
- 187 Do intrinsic functional networks reflect interacting brain rhythms? Assessing the power bias in MEG amplitude connectivity at rest. ☐
- 186 Neural signal variability relates to maladaptive rumination in depression. 2022, ☐
- 185 Large-scale brain network dynamics in very preterm children and relationship with socio-emotional outcomes: an exploratory study. ☐
- 184 Six month lower-leg mechanical tactile sensory stimulation alters functional network connectivity associated with improved gait in older adults with peripheral neuropathy: A pilot study. 14, ☐
- 183 The complexity of the stream of consciousness. 2022, 5, ☐
- 182 Neurobiological substrates of the dread of future losses. ☐

- 181 Strength-dependent perturbation of whole-brain model working in different regimes reveals the role of fluctuations in brain dynamics. **2022**, 18, e1010662 ○
- 180 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 ○
- 179 Multi-modal and multi-subject modular organization of human brain networks. **2022**, 264, 119673 ○
- 178 A Psychoanalytic Perspective on Psychedelic Experience. **2022**, 32, 452-468 1
- 177 Suicide risk stratification among major depressed patients based on a machine learning approach and whole-brain functional connectivity. **2022**, ○
- 176 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, ○
- 175 Does cueing need attention? A pilot study in people with Parkinson's disease. **2022**, ○
- 174 Large-scale neural dynamics in a shared low-dimensional state space reflect cognitive and attentional dynamics. ○
- 173 The effects of fatigue on perceptual-cognitive performance among open-skill sport athletes: A scoping review. 1-52 ○
- 172 The mean diffusivity of forceps minor is useful to distinguish amnesic mild cognitive impairment from mild cognitive impairment caused by cerebral small vessel disease. 16, ○
- 171 The structure of anticorrelated networks in the human brain. 2, ○
- 170 First Few Seconds for Flow: A Comprehensive Proposal of the Neurobiology and Neurodynamics of State Onset. **2022**, 104956 ○
- 169 Musical expertise enhances neural alignment-to-young in sensorimotor regions that predicts older adults' audiovisual speech-in-noise perception. ○
- 168 Dissociation of categorical and coordinate spatial relations on dynamic network organization states. 16, ○
- 167 Neuroimaging in schizophrenia: A review article. 16, 1
- 166 Triple network activation causes tinnitus in patients with sudden sensorineural hearing loss: A model-based volume-entropy analysis. 16, ○
- 165 Dose-Response in Modulating Brain Function with Transcranial Direct Current Stimulation: From Local to Network Levels. ○
- 164 Large-scale brain functional network abnormalities in social anxiety disorder. 1-11 ○

163	The thalamocortical inhibitory network controls human conscious perception. 2022 , 264, 119748	o
162	The Development of Neuroimaging Biomarkers for Cognitive Decline in Sickle Cell Disease. 2022 , 36, 1167-1186	1
161	Functional network properties derived from wide-field calcium imaging differ with wakefulness and across cell type. 2022 , 264, 119735	o
160	Altered Effective Connectivity of the Primary Motor Cortex in Transient Ischemic Attack. 2022 , 2022, 1-12	o
159	Specific and common functional connectivity deficits in drug-free generalized anxiety disorder and panic disorder: A data-driven analysis. 2023 , 319, 114971	o
158	The restorative effects of short-term exposure to nature in immersive virtual environments (IVEs) as evidenced by participants' brain activities. 2023 , 326, 116830	o
157	Differential patterns of default mode network activity associated with negative and positive rumination in bipolar disorder. 2023 , 323, 607-616	o
156	Decoding individual differences in expressing and suppressing anger from structural brain networks: A supervised machine learning approach. 2023 , 439, 114245	1
155	Investigating the shift between externally and internally oriented cognition: a novel task-switching paradigm. 2022 , 2022,	o
154	Functional Organization of the Brain. 2022 , 217-241	o
153	Neonatal motor functional connectivity and motor outcomes at age two years in very preterm children with and without high-grade brain injury. 2022 , 36, 103260	o
152	Resting-State fMRI reveals Longitudinal Alterations in Brain Network Connectivity in a Mouse Model of Huntington's Disease.	o
151	Cognitive control training enhances the integration of intrinsic functional networks in adolescents. 16,	o
150	fMRI and fNIRS Methods for Social Brain Studies: Hyperscanning Possibilities. 2023 , 231-254	o
149	PROCESSING OF THE SAME NARRATIVE STIMULI ELICITS COMMON FUNCTIONAL CONNECTIVITY DYNAMICS BETWEEN INDIVIDUALS.	o
148	Recollection and prior knowledge recruit the left angular gyrus during recognition.	o
147	The Neural Correlates of Arousal: The Ventral Posterolateral Nucleus-Global Transient Co-Activation.	o
146	Default mode network mechanisms of repeated transcranial magnetic stimulation in heroin addiction.	o

- ¹⁴⁵ The music of the hemispheres: Cortical eigenmodes as a physical basis for large-scale brain activity and connectivity patterns. 16, ○
- ¹⁴⁴ Increased Functional Connectivity of the Precuneus in Individuals with a Family History of Alzheimer's Disease. **2022**, 1-13 ○
- ¹⁴³ The Time Has Come to Be Mindwonderful: Mind Wandering and the Intuitive Psychology Mode. **2023**, 145-160 ○
- ¹⁴² Emotional Experience and the Senses. **2022**, 22, ○
- ¹⁴¹ Variability in cognitive task performance in early adolescence is associated with stronger between-network anticorrelation and future attention problems. **2022**, ○
- ¹⁴⁰ Aberrant dynamic functional network connectivity in type 2 diabetes mellitus individuals. ○
- ¹³⁹ Notes on the Guidelines of the 2009 Online Workshop on Theories of Consciousness. **2022**, 26, 34-65 ○
- ¹³⁸ Sampling effects and measurement overlap can bias the inference of neuronal avalanches. **2022**, 18, e1010678 ○
- ¹³⁷ The evolution of whole-brain turbulent dynamics during recovery from traumatic brain injury. ○
- ¹³⁶ Neural contributions to reduced fluid intelligence across the adult lifespan. JN-RM-0148-22 ○
- ¹³⁵ Beyond noise to function: reframing the global brain activity and its dynamic topography. **2022**, 5, ○
- ¹³⁴ Inter-individual heterogeneity of functional brain networks in children with autism spectrum disorder. **2022**, 13, ○
- ¹³³ Targeting neural correlates of placebo effects. ○
- ¹³² A tripartite view of the posterior cingulate cortex. ○
- ¹³¹ Decreased Default Mode Network Connectivity Following 24 Hours of Capsaicin-induced Pain Persists During Immediate Pain Relief and Facilitation. **2022**, ○
- ¹³⁰ Complex of global functional network as the core of consciousness. **2022**, ○
- ¹²⁹ Functional network organization of the mouse cortex determined by wide-field fluorescence imaging shares some But not all properties revealed with simultaneous fMRI-BOLD. ○
- ¹²⁸ Relationships between resting-state EEG functional networks organization and individual differences in mind wandering. **2022**, 12, ○

- 127 Changes in Self-Location During the Practice of Mindfulness Meditation in Novices. o
- 126 The processing of stress in a foreign language modulates functional antagonism between default mode and attention network regions. o
- 125 How much data do we need? Lower bounds of brain activation states to predict human cognitive ability. o
- 124 The Role of Alpha Oscillations among the Main Neuropsychiatric Disorders in the Adult and Developing Human Brain: Evidence from the Last 10 Years of Research. **2022**, 10, 3189 7
- 123 A Holistic Analysis of Individual Brain Activity Revealed the Relationship of Brain Areal Activity with the Entire Brain's Activity. **2023**, 13, 6 o
- 122 General psychopathology factor (p-factor) prediction using resting-state functional connectivity and a scanner-generalization neural network. **2022**, o
- 121 The mouse claustrum synaptically connects cortical network motifs. **2022**, 41, 111860 o
- 120 Characterizing functional modules in the human thalamus: coactivation-based parcellation and systems-level functional decoding. o
- 119 Transcutaneous auricular vagus nerve stimulation in disorders of consciousness: A mini-narrative review. **2022**, 101, e31808 o
- 118 Abnormal brain functional network dynamics in sleep-related hypermotor epilepsy. o
- 117 Combined cognitive training and vortioxetine mitigates age-related declines in functional brain network integrity. **2023**, o
- 116 The cortical dynamics of context-dependent language processing. 1-22 o
- 115 Temporal Dynamics of Activity in Default Mode Network Suggest a Role in Top-Down Processing for Trial Responses. o
- 114 Neurocognitive Underpinning of Neurological Disorders: Role of Default Mode Network. **2022**, 269-297 o
- 113 An enhanced EEG microstate recognition framework based on deep neural networks: an application to Parkinson's disease. **2022**, 1-12 o
- 112 Intensivmedizin. **2022**, 993-1073 o
- 111 Identification of chronic mild traumatic brain injury using resting state functional MRI and machine learning techniques. 16, o
- 110 Situation updating during discourse comprehension recruits right posterior portion of the multiple-demand network. o

- 109 High-density transcranial direct current stimulation to improve upper limb motor function following stroke: study protocol for a double-blind randomized clinical trial targeting prefrontal and/or cerebellar cognitive contributions to voluntary motion. ○
- 108 Responsiveness variability during anaesthesia relates to inherent differences in brain structure and function of the frontoparietal networks. ○
- 107 Resting-State fMRI reveals Longitudinal Alterations in Brain Network Connectivity in the zQ175DN mouse Model of Huntington's Disease. ○
- 106 Neurocognitive Endophenotypes for Eating Disorders: A Preliminary High-Risk Family Study. **2023**, 13, 99 ○
- 105 The Mode of Endurance Exercise Influences Changes in EEG Resting State Graphs among High-Level Cross-Country Skiers. Publish Ahead of Print, ○
- 104 Systems-level decoding reveals the cognitive and behavioral profile of the human intraparietal sulcus. 1, ○
- 103 Environmental toxicants and the developing brain. **2023**, ○
- 102 Shared and Unique Changes in Brain Connectivity Among Depressed Patients After Remission With Pharmacotherapy Versus Psychotherapy. 2
- 101 Progressive Voxel-Wise Homotopic Connectivity from childhood to adulthood: Age-related functional asymmetry in resting-state functional magnetic resonance imaging. **2023**, 65, ○
- 100 Neurophysiological and emotional influences on team communication and metacognitive cyber situational awareness during a cyber engineering exercise. 16, ○
- 99 Resting state network mapping in individuals using deep learning. 13, ○
- 98 A method for reconstruction of interpretable brain networks from transient synchronization in resting-state BOLD fluctuations. 16, ○
- 97 Neural Synchronization as a Function of Engagement with the Narrative. ○
- 96 Functional connectivity between dorsal attention and default mode networks mediates subjective sleep duration and depression in young females. **2023**, 325, 386-391 ○
- 95 Probing the flexible internal state transition and low-dimensional manifold dynamics of human brain with acupuncture. **2023**, 82, 104494 ○
- 94 A neurocognitive account of attentional control theory: how does trait anxiety affect the brain's attentional networks?. 1-18 ○
- 93 Network Neuroscience Untethered: Brain-Wide Immediate Early Gene Expression for the Analysis of Functional Connectivity in Freely Behaving Animals. **2023**, 12, 34 ○
- 92 Classification of Major Depressive Disorder Based on Integrated Temporal and Spatial Functional MRI Variability Features of Dynamic Brain Network. ○

- 91 What are the neural correlates of dissociative amnesia? A systematic review of the functional neuroimaging literature. 14, ☐
- 90 Longitudinal association between changes in resting-state network connectivity and cognition trajectories: The moderation role of a healthy diet. 16, ☐
- 89 The two-network framework of number processing: a step towards a better understanding of the neural origins of developmental dyscalculia. ☐
- 88 Mapping Brain Networks Using Multimodal Data. **2023**, 2975-3025 ☐
- 87 Wide-Field Optical Imaging in Mouse Models of Ischemic Stroke. **2023**, 113-151 ☐
- 86 Changes in Functional Connectivity Between Default Mode Network and Attention Network in Response to Changes in Aerobic Exercise Intensity. **2023**, 20, 27-34 ☐
- 85 Neuroinnovation in Medicine: History and Future. **2023**, 13-55 ☐
- 84 Resting-state functional-MRI in INPH: can default mode and motor networks changes improve patient selection and outcome? Preliminary report. **2023**, 20, ☐
- 83 Individual Differences in Delay Discounting are Associated with Dorsal Prefrontal Cortex Connectivity in Youth. ☐
- 82 Multimodal Neuroimaging with Simultaneous fMRI and EEG. **2023**, 2893-2915 ☐
- 81 Pursuing personalized medicine for depression by targeting lateral or medial prefrontal cortex with deep TMS. ☐
- 80 To be and not to be: wide-field Ca²⁺ imaging reveals neocortical functional segmentation combines stability and flexibility. ☐
- 79 Optimizing outcomes in psilocybin therapy: Considerations in participant evaluation and preparation. **2023**, 326, 18-25 ☐
- 78 fMRI-Based Anatomy: Mapping the Cerebellum. **2023**, 351-356 ☐
- 77 Effects of Stress and Genetic Predisposition on Symptoms of Psychopathology. **2023**, 53, 70-80 ☐
- 76 Dysconnection and cognition in schizophrenia: A spectral dynamic causal modeling study. **2023**, 44, 2873-2896 ☐
- 75 TMS-EEG and resting-state EEG applied to Altered States of Consciousness: Oscillations, Complexity, and Phenomenology. **2023**, 106589 ☐
- 74 Omnipresence of the sensorimotor-association axis topography in the human connectome. **2023**, 272, 120059 ☐

- 73 Unbalanced amygdala communication in major depressive disorder. **2023**, 329, 192-206 ○
- 72 Smoking status affects cognitive, emotional and neural-connectivity response to distress-inducing auditory feedback. **2023**, 246, 109855 ○
- 71 Resting-state fMRI reveals longitudinal alterations in brain network connectivity in the zQ175DN mouse model of Huntington's disease. **2023**, 181, 106095 ○
- 70 Signal propagation in complex networks. **2023**, 1017, 1-96 ○
- 69 Alterations in EEG functional connectivity in individuals with depression: A systematic review. **2023**, 328, 287-302 ○
- 68 Changes of creative ability and underlying brain network connectivity throughout the lifespan. **2023**, 168, 105975 ○
- 67 Mecp2deletion results in profound alterations of developmental and adult functional connectivity. ○
- 66 Brain functional characterization of response-code conflict in dual-tasking and its modulation by age. ○
- 65 Brain network integration, segregation and quasi-periodic activation and deactivation during tasks and rest. **2023**, 268, 119890 ○
- 64 Reliability of Functional and Diffusion MR Imaging Near Cerebral Cavernous Malformations. **2023**, 44, 150-156 ○
- 63 Distinguishing between bipolar depression and unipolar depression based on the reward circuit activities and clinical characteristics: A machine learning analysis. **2023**, 327, 46-53 ○
- 62 Antidepressant treatment-related brain activity changes in remitted major depressive disorder. **2023**, 330, 111601 ○
- 61 A spatiotemporal complexity architecture of human brain activity. **2023**, 9, ○
- 60 Irritability in early to middle childhood: Cross-sectional and longitudinal associations with resting state amygdala and ventral striatum connectivity. **2023**, 60, 101206 ○
- 59 Aberrant inter-network functional connectivity in drug-naïve Parkinson's disease patients with tremor dominant and postural instability and gait difficulty. 17, ○
- 58 Controlling jaw-related motion artifacts in functional near-infrared spectroscopy. **2023**, 388, 109810 ○
- 57 Cholinergic Modulation Supports Dynamic Switching of Resting State Networks Through Selective DMN Suppression. ○
- 56 Functional magnetic resonance imaging in migraine: A systematic review. **2023**, 43, 033310242211282 ○

- 55 A fast and intuitive method for calculating dynamic network reconfiguration and node flexibility. 17, ☐
- 54 Interactions within the social brain: Co-activation and connectivity among networks enabling empathy and Theory of Mind. **2023**, 147, 105080 ☐
- 53 Executive Function and Intelligent Goal-Directed Behavior: Perspectives from Psychology, Neurology, and Computer Science. **2023**, 324-350 ☐
- 52 Zen Meditative Consciousness and Brain's Default Mode Network. **2023**, 77, 117-136 ☐
- 51 Oscillatory brain activity as unified control mechanism for working memory and mentalizing. ☐
- 50 Association of the delayed changes in glutamate levels and functional connectivity with the immediate network effects of S-ketamine. **2023**, 13, ☐
- 49 Functional connectivity abnormalities of brain networks in obsessive-compulsive disorder: a systematic review. ☐
- 48 Functional networks in prolonged disorders of consciousness. 17, ☐
- 47 Default Mode and Dorsal Attention Network functional connectivity associated with alpha and beta peak frequency in individuals. ☐
- 46 Frequency-specific brain network architecture in resting-state fMRI. **2023**, 13, ☐
- 45 Internet gaming disorder and tobacco use disorder share neural connectivity patterns between the subcortical and the motor network. **2023**, 44, 2607-2619 ☐
- 44 The Potential of Causal Approaches in Creativity Using Ultrasonic Brain Stimulation. **2023**, 235-253 ☐
- 43 Neuroimaging-based analysis of DBS outcome in pediatric dystonia: Insights from the GEPESTIM registry. ☐
- 42 Dissociable brainstem functional connectivity changes correlate with objective and subjective vigilance decline after total sleep deprivation in healthy male subjects. ☐
- 41 Exploring impaired self-awareness of motor symptoms in Parkinson's disease: Resting-state fMRI correlates and the connection to mindfulness. **2023**, 18, e0279722 ☐
- 40 3D EEG and Clinical Evidence of Brain Dying. Preliminary Report. **2023**, 19, 34-42 ☐
- 39 Mixed emotions to social situations: An fMRI investigation. **2023**, 271, 119973 ☐
- 38 Construction of Meta-Thinking Educational Program Based on Mental-Brain Simulation (MTMBS) and Evaluating its Effectiveness on Executive Functions, Emotion Regulation, and Impulsivity in Children With ADHD: A Resting-State Functional MRI Study. 108705472311554 ☐

- 37 Reduced coupling between offline neural replay events and default mode network activation in schizophrenia. **2023**, 5, ○
- 36 Distinctively different human neurobiological responses after trauma exposure and implications for posttraumatic stress disorder subtyping. ○
- 35 Neuromodulation for treatment-resistant depression: Functional network targets contributing to antidepressive outcomes. 17, ○
- 34 Getting a Good Night's Sleep: Associations Between Sleep Duration and Parent-Reported Sleep Quality on Default Mode Network Connectivity in Youth. **2023**, ○
- 33 Functional connectivity alterations in traumatic brain injury patients with late seizures. **2023**, 179, 106053 ○
- 32 Mapping the multimodal connectome: On the architects of brain network science. **2023**, 21, e3002043 ○
- 31 Disrupted interhemispheric coordination of sensory-motor networks and insula in major depressive disorder. 17, ○
- 30 A role for retro-splenial cortex in the task-related P3 network. ○
- 29 Fractal dynamics of individual mitochondrial oscillators measure local inter-mitochondrial coupling. **2023**, 122, 1459-1469 ○
- 28 Enhanced neural mechanisms of set shifting in musically trained adolescents and young adults: converging fMRI, EEG, and behavioral evidence. ○
- 27 Polyneuro risk scores capture widely distributed connectivity patterns of cognition. **2023**, 60, 101231 ○
- 26 Brain Network Functional Connectivity Clinical Relevance and Predictive Diagnostic Models in Anterior Knee Pain Patients. **2023**, 731-743 ○
- 25 Multi-networks connectivity at baseline predicts the clinical efficacy of left angular gyrus-navigated rTMS in the spectrum of Alzheimer's disease: A sham-controlled study. ○
- 24 Sex differences in resting state functional connectivity across the first two years of life. **2023**, 60, 101235 ○
- 23 Social reappraisal of emotions is linked with the social presence effect in the default mode network. 14, ○
- 22 Aberrant intra- and internetwork functional connectivity patterns of the anterior and posterior hippocampal networks in schizophrenia. ○
- 21 Individualized precision targeting of dorsal attention and default mode networks with rTMS in traumatic brain injury-associated depression. **2023**, 13, ○
- 20 A consensus protocol for functional connectivity analysis in the rat brain. **2023**, 26, 673-681 ○

- 19 White matter disconnection of left multiple demand network is associated with post-lesion deficits in cognitive control. **2023**, 14, ☐
- 18 Brain-wide network analysis of resting-state neuromagnetic data. ☐
- 17 Reducing default mode network connectivity with mindfulness-based fMRI neurofeedback: a pilot study among adolescents with affective disorder history. ☐
- 16 Rethinking recovery in adolescent concussions: Network-level functional connectivity alterations associated with motor deficits. ☐
- 15 Deep brain stimulation of fornix in Alzheimer's disease: From basic research to clinical practice. ☐
- 14 Multiple brain activation patterns for the same task. ☐
- 13 Temporal and spatial variability of dynamic microstate brain network in early Parkinson's disease. **2023**, 9, ☐
- 12 Dynamic segregation and integration of brain functional networks associated with emotional arousal. **2023**, 26, 106609 ☐
- 11 Decoding State-Dependent Cortical-Cerebellar Cellular Functional Connectivity in the Mouse Brain. ☐
- 10 Fast changes in default and control network activity underlying intraindividual response time variability in childhood: Does age and sex matter?. **2023**, 65, ☐
- 9 Correspondence of functional connectivity gradients across human isocortex, cerebellum, and hippocampus. **2023**, 6, ☐
- 8 Dissociation and integration of outcome and state uncertainty signals in cognitive control. ☐
- 7 Whole-brain deactivations precede uninduced mind-blanking reports. ☐
- 6 Continuous and intermittent theta burst stimulation of primary visual cortex do not modulate resting state functional connectivity: A sham-controlled multi-echo fMRI study. ☐
- 5 Segregation of Neural Circuits Involved in Social Gaze and Non-Social Arrow Cues: Evidence from an Activation Likelihood Estimation Meta-Analysis. ☐
- 4 Imaging the Spin: Disentangling the Core Processes Underlying Mental Rotation by Network Mapping of Data From Meta-analysis. **2023**, 105187 ☐
- 3 A reproducible benchmark of resting-state fMRI denoising strategies using fMRIPrep and Nilearn. ☐
- 2 The functional anatomy of dystonia: Recent developments. **2023**, ☐

- 1 Successful aging of musicians: Preservation of sensorimotor regions aids audiovisual speech-in-noise perception. **2023**, 9,

o