

# Dante Mantini

## List of Publications by Year in Descending Order

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**Version:** 2024-04-27

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

201  
papers

9,878  
citations

45  
h-index

95  
g-index

224  
ext. papers

12,334  
ext. citations

5.5  
avg, IF

6.31  
L-index

#	Paper	IF	Citations
201	Neural oscillations during motor imagery of complex gait: an HdEEG study.. <i>Scientific Reports</i> , <b>2022</b> , 12, 4314	4.9	1
200	Network-specific differences in transient brain activity at rest are associated with age-related reductions in motor performance.. <i>NeuroImage</i> , <b>2022</b> , 252, 119025	7.9	
199	Connectivity in Large-Scale Resting-State Brain Networks Is Related to Motor Learning: A High-Density EEG Study. <i>Brain Sciences</i> , <b>2022</b> , 12, 530	3.4	
198	Activity in the Fronto-Parietal and Visual Cortex Is Modulated by Feature-Based Attentional Weighting.. <i>Frontiers in Neuroscience</i> , <b>2022</b> , 16, 838683	5.1	
197	Effects of beta- and gamma-band rhythmic stimulation on motor inhibition. <i>IScience</i> , <b>2022</b> , 104338	6.1	0
196	The interaction between endogenous GABA, functional connectivity, and behavioral flexibility is critically altered with advanced age.. <i>Communications Biology</i> , <b>2022</b> , 5, 426	6.7	0
195	Increased upper-limb sensory attenuation with age.. <i>Journal of Neurophysiology</i> , <b>2021</b> ,	3.2	1
194	Prefronto-Striatal Structural Connectivity Mediates Adult Age Differences in Action Selection. <i>Journal of Neuroscience</i> , <b>2021</b> , 41, 331-341	6.6	2
193	Prefrontal stimulation prior to motor sequence learning alters multivoxel patterns in the striatum and the hippocampus. <i>Scientific Reports</i> , <b>2021</b> , 11, 20572	4.9	0
192	Dopamine Transporter Genetic Reduction Induces Morpho-Functional Changes in the Enteric Nervous System. <i>Biomedicines</i> , <b>2021</b> , 9,	4.8	3
191	Electrophysiological signatures of resting state networks predict cognitive deficits in stroke. <i>Cortex</i> , <b>2021</b> , 138, 59-71	3.8	3
190	Detection of Resting-State Functional Connectivity from High-Density Electroencephalography Data: Impact of Head Modeling Strategies. <i>Brain Sciences</i> , <b>2021</b> , 11,	3.4	1
189	Fronto-parietal homotopy in resting-state functional connectivity predicts task-switching performance. <i>Brain Structure and Function</i> , <b>2021</b> , 1	4	4
188	Signature of consciousness in brain-wide synchronization patterns of monkey and human fMRI signals. <i>NeuroImage</i> , <b>2021</b> , 226, 117470	7.9	14
187	RT-NET: real-time reconstruction of neural activity using high-density electroencephalography. <i>Neuroinformatics</i> , <b>2021</b> , 19, 251-266	3.2	3
186	Age-related GABAergic differences in the primary sensorimotor cortex: A multimodal approach combining PET, MRS and TMS. <i>NeuroImage</i> , <b>2021</b> , 226, 117536	7.9	6
185	Modulation of neural oscillations during working memory update, maintenance, and readout: An hdEEG study. <i>Human Brain Mapping</i> , <b>2021</b> , 42, 1153-1166	5.9	3

184	Automated Head Tissue Modelling Based on Structural Magnetic Resonance Images for Electroencephalographic Source Reconstruction. <i>Neuroinformatics</i> , <b>2021</b> , 19, 585-596	3.2	3
183	Investigating the spectral features of the brain meso-scale structure at rest. <i>Human Brain Mapping</i> , <b>2021</b> , 42, 5113-5129	5.9	1
182	Conductivity Tensor Imaging of the Human Brain Using Water Mapping Techniques. <i>Frontiers in Neuroscience</i> , <b>2021</b> , 15, 694645	5.1	1
181	Yet another artefact rejection study: an exploration of cleaning methods for biological and neuromodulatory noise. <i>Journal of Neural Engineering</i> , <b>2021</b> , 18,	5	1
180	Hippocampal and striatal responses during motor learning are modulated by prefrontal cortex stimulation. <i>NeuroImage</i> , <b>2021</b> , 237, 118158	7.9	3
179	Age-dependent modulation of motor network connectivity for skill acquisition, consolidation and interlimb transfer after motor practice. <i>Clinical Neurophysiology</i> , <b>2021</b> , 132, 1790-1801	4.3	1
178	Behavioural and neural effects of eccentricity and visual field during covert visuospatial attention. <i>NeuroImage Reports</i> , <b>2021</b> , 1, 100039		
177	EEGdenoiseNet: a benchmark dataset for deep learning solutions of EEG denoising. <i>Journal of Neural Engineering</i> , <b>2021</b> , 18,	5	14
176	Default mode network shows alterations for low-frequency fMRI fluctuations in euthymic bipolar disorder. <i>Journal of Psychiatric Research</i> , <b>2021</b> , 144, 59-65	5.2	0
175	Baseline sensorimotor GABA levels shape neuroplastic processes induced by motor learning in older adults. <i>Human Brain Mapping</i> , <b>2020</b> , 41, 3680-3695	5.9	10
174	The role of limbic structures in financial abilities of mild cognitive impairment patients. <i>NeuroImage: Clinical</i> , <b>2020</b> , 26, 102222	5.3	8
173	Small-World Propensity Reveals the Frequency Specificity of Resting State Networks.. <i>IEEE Open Journal of Engineering in Medicine and Biology</i> , <b>2020</b> , 1, 57-64	5.9	1
172	Fiber-specific variations in anterior transcallosal white matter structure contribute to age-related differences in motor performance. <i>NeuroImage</i> , <b>2020</b> , 209, 116530	7.9	8
171	A computationally efficient method for the attenuation of alternating current stimulation artifacts in electroencephalographic recordings. <i>Journal of Neural Engineering</i> , <b>2020</b> , 17, 046038	5	5
170	Role of the dorsal attention network in distracter suppression based on features. <i>Cognitive Neuroscience</i> , <b>2020</b> , 11, 37-46	1.7	7
169	Task-related measures of short-interval intracortical inhibition and GABA levels in healthy young and older adults: A multimodal TMS-MRS study. <i>NeuroImage</i> , <b>2020</b> , 208, 116470	7.9	18
168	Model-based whole-brain effective connectivity to study distributed cognition in health and disease. <i>Network Neuroscience</i> , <b>2020</b> , 4, 338-373	5.6	10
167	Neurometabolic Correlates of Reactive and Proactive Motor Inhibition in Young and Older Adults: Evidence From Multiple Regional H-MR Spectroscopy. <i>Cerebral Cortex Communications</i> , <b>2020</b> , 1, tgaa028	1.9	2

166	Characterisation of Haemodynamic Activity in Resting State Networks by Fractal Analysis. <i>International Journal of Neural Systems</i> , <b>2020</b> , 30, 2050061	6.2	7
165	Modulating the interhemispheric activity balance in the intraparietal sulcus using real-time fMRI neurofeedback: Development and proof-of-concept. <i>NeuroImage: Clinical</i> , <b>2020</b> , 28, 102513	5.3	0
164	Quality of sleep predicts increased frontoparietal network connectivity in patients with mild cognitive impairment. <i>Neurobiology of Aging</i> , <b>2020</b> , 95, 205-213	5.6	7
163	Frequency-dependent functional connectivity in resting state networks. <i>Human Brain Mapping</i> , <b>2020</b> , 41, 5187-5198	5.9	12
162	Aberrant brain network connectivity in presymptomatic and manifest Huntington's disease: A systematic review. <i>Human Brain Mapping</i> , <b>2020</b> , 41, 256-269	5.9	18
161	Reduced Modulation of Task-Related Connectivity Mediates Age-Related Declines in Bimanual Performance. <i>Cerebral Cortex</i> , <b>2020</b> , 30, 4346-4360	5.1	5
160	The Nature of the Task Influences Intrinsic Connectivity Networks: An Exploratory fMRI Study in Healthy Subjects. <i>International IEEE/EMBS Conference on Neural Engineering: [proceedings]</i> , <b>2019</b> , 2019, 489-493	1.3	5
159	SPOT3D: Spatial positioning toolbox for head markers using 3D scans. <i>Scientific Reports</i> , <b>2019</b> , 9, 12813	4.9	5
158	Biological Characteristics of Connection-Wise Resting-State Functional Connectivity Strength. <i>Cerebral Cortex</i> , <b>2019</b> , 29, 4646-4653	5.1	6
157	A new computational approach to estimate whole-brain effective connectivity from functional and structural MRI, applied to language development. <i>Scientific Reports</i> , <b>2019</b> , 9, 8479	4.9	12
156	Exploring quantitative group-wise differentiation of Alzheimer's disease and behavioural variant frontotemporal dementia using tract-specific microstructural white matter and functional connectivity measures at multiple time points. <i>European Radiology</i> , <b>2019</b> , 29, 5148-5159	8	3
155	Age-related differences in network flexibility and segregation at rest and during motor performance. <i>NeuroImage</i> , <b>2019</b> , 194, 93-104	7.9	8
154	Multi-method brain imaging reveals impaired representations of number as well as altered connectivity in adults with dyscalculia. <i>NeuroImage</i> , <b>2019</b> , 190, 289-302	7.9	27
153	What is special about the human arcuate fasciculus? Lateralization, projections, and expansion. <i>Cortex</i> , <b>2019</b> , 118, 107-115	3.8	54
152	A systematic review investigating the relationship of electroencephalography and magnetoencephalography measurements with sensorimotor upper limb impairments after stroke. <i>Journal of Neuroscience Methods</i> , <b>2019</b> , 311, 318-330	3	10
151	Removal of tACS artefact: a simulation study for algorithm comparison <b>2019</b> ,		4
150	Sensorimotor cortex neurometabolite levels as correlate of motor performance in normal aging: evidence from a H-MRS study. <i>NeuroImage</i> , <b>2019</b> , 202, 116050	7.9	10
149	Shared and connection-specific intrinsic interactions in the default mode network. <i>NeuroImage</i> , <b>2019</b> , 200, 474-481	7.9	31

148	Generalizing post-stroke prognoses from research data to clinical data. <i>NeuroImage: Clinical</i> , <b>2019</b> , 24, 102005	5.3	7
147	Hemodynamic Correlates of Electrophysiological Activity in the Default Mode Network. <i>Frontiers in Neuroscience</i> , <b>2019</b> , 13, 1060	5.1	22
146	Functional specialization of macaque premotor F5 subfields with respect to hand and mouth movements: A comparison of task and resting-state fMRI. <i>NeuroImage</i> , <b>2019</b> , 191, 441-456	7.9	12
145	Distinct online and offline effects of alpha and beta transcranial alternating current stimulation (tACS) on continuous bimanual performance and task-set switching. <i>Scientific Reports</i> , <b>2019</b> , 9, 3144	4.9	18
144	Hand, foot and lip representations in primary sensorimotor cortex: a high-density electroencephalography study. <i>Scientific Reports</i> , <b>2019</b> , 9, 19464	4.9	25
143	A Role for the Action Observation Network in Apraxia After Stroke. <i>Frontiers in Human Neuroscience</i> , <b>2019</b> , 13, 422	3.3	4
142	Neuronal dynamics enable the functional differentiation of resting state networks in the human brain. <i>Human Brain Mapping</i> , <b>2019</b> , 40, 1445-1457	5.9	19
141	fMRI data processing in MRTOOL: to what extent does anatomical registration affect the reliability of functional results?. <i>Brain Imaging and Behavior</i> , <b>2019</b> , 13, 1538-1553	4.1	3
140	Spatial localization of EEG electrodes using 3D scanning. <i>Journal of Neural Engineering</i> , <b>2019</b> , 16, 0260205		19
139	Age-related differences in neural spectral power during motor learning. <i>Neurobiology of Aging</i> , <b>2019</b> , 77, 44-57	5.6	10
138	A Finite-Difference Solution for the EEG Forward Problem in Inhomogeneous Anisotropic Media. <i>Brain Topography</i> , <b>2019</b> , 32, 229-239	4.3	14
137	Effects of high- and low-frequency repetitive transcranial magnetic stimulation on motor recovery in early stroke patients: Evidence from a randomized controlled trial with clinical, neurophysiological and functional imaging assessments. <i>NeuroImage: Clinical</i> , <b>2019</b> , 21, 101620	5.3	35
136	Distinct modes of functional connectivity induced by movie-watching. <i>NeuroImage</i> , <b>2019</b> , 184, 335-348	7.9	13
135	P3b amplitude as a signature of cognitive decline in the older population: An EEG study enhanced by Functional Source Separation. <i>NeuroImage</i> , <b>2019</b> , 184, 535-546	7.9	22
134	Heart-Brain Interactions in the MR Environment: Characterization of the Ballistocardiogram in EEG Signals Collected During Simultaneous fMRI. <i>Brain Topography</i> , <b>2018</b> , 31, 337-345	4.3	10
133	Pathological factors contributing to crossed cerebellar diaschisis in cerebral gliomas: a study combining perfusion, diffusion, and structural MR imaging. <i>Neuroradiology</i> , <b>2018</b> , 60, 643-650	3.2	7
132	A Spatial Registration Toolbox for Structural MR Imaging of the Aging Brain. <i>Neuroinformatics</i> , <b>2018</b> , 16, 167-179	3.2	4
131	Age-Related Declines in Motor Performance are Associated With Decreased Segregation of Large-Scale Resting State Brain Networks. <i>Cerebral Cortex</i> , <b>2018</b> , 28, 4390-4402	5.1	73

130	The role of left insula in executive set-switching: Lesion evidence from an acute stroke cohort. <i>Cortex</i> , <b>2018</b> , 107, 92-101	3.8	20
129	Age-related differences in GABA levels are driven by bulk tissue changes. <i>Human Brain Mapping</i> , <b>2018</b> , 39, 3652-3662	5.9	26
128	Neural signatures of Trail Making Test performance: Evidence from lesion-mapping and neuroimaging studies. <i>Neuropsychologia</i> , <b>2018</b> , 115, 78-87	3.2	58
127	Connectivity-based parcellation reveals distinct cortico-striatal connectivity fingerprints in Autism Spectrum Disorder. <i>NeuroImage</i> , <b>2018</b> , 170, 412-423	7.9	37
126	Disrupted relationship between "resting state" connectivity and task-evoked activity during social perception in schizophrenia. <i>Schizophrenia Research</i> , <b>2018</b> , 193, 370-376	3.6	12
125	Effective connectivity inferred from fMRI transition dynamics during movie viewing points to a balanced reconfiguration of cortical interactions. <i>NeuroImage</i> , <b>2018</b> , 180, 534-546	7.9	35
124	The potential of real-time fMRI neurofeedback for stroke rehabilitation: A systematic review. <i>Cortex</i> , <b>2018</b> , 107, 148-165	3.8	35
123	Age-Dependent Modulations of Resting State Connectivity Following Motor Practice. <i>Frontiers in Aging Neuroscience</i> , <b>2018</b> , 10, 25	5.3	23
122	Detecting Large-Scale Brain Networks Using EEG: Impact of Electrode Density, Head Modeling and Source Localization. <i>Frontiers in Neuroinformatics</i> , <b>2018</b> , 12, 4	3.9	61
121	Adaptive optimal basis set for BCG artifact removal in simultaneous EEG-fMRI. <i>Scientific Reports</i> , <b>2018</b> , 8, 8902	4.9	26
120	Source-reconstruction of the sensorimotor network from resting-state macaque electrocorticography. <i>NeuroImage</i> , <b>2018</b> , 181, 347-358	7.9	7
119	Improving the quality of combined EEG-TMS neural recordings: Introducing the coil spacer. <i>Journal of Neuroscience Methods</i> , <b>2018</b> , 294, 34-39	3	11
118	Neural activity related to volitional regulation of cortical excitability. <i>ELife</i> , <b>2018</b> , 7,	8.9	16
117	Extracting orthogonal subject- and condition-specific signatures from fMRI data using whole-brain effective connectivity. <i>NeuroImage</i> , <b>2018</b> , 178, 238-254	7.9	22
116	Online EEG artifact removal for BCI applications by adaptive spatial filtering. <i>Journal of Neural Engineering</i> , <b>2018</b> , 15, 056009	5	17
115	Selective TMS-induced modulation of functional connectivity correlates with changes in behavior. <i>NeuroImage</i> , <b>2017</b> , 149, 361-378	7.9	9
114	Changes in intrinsic functional connectivity and group relevant salience: The case of sport rivalry. <i>Behavioural Brain Research</i> , <b>2017</b> , 332, 126-135	3.4	3
113	GABA content within medial prefrontal cortex predicts the variability of fronto-limbic effective connectivity. <i>Brain Structure and Function</i> , <b>2017</b> , 222, 3217-3229	4	21

112	Concurrent tACS-fMRI Reveals Causal Influence of Power Synchronized Neural Activity on Resting State fMRI Connectivity. <i>Journal of Neuroscience</i> , <b>2017</b> , 37, 4766-4777	6.6	44
111	Neural Correlates of Drug-Related Attentional Bias in Heroin Dependence. <i>Frontiers in Human Neuroscience</i> , <b>2017</b> , 11, 646	3.3	16
110	Moral processing deficit in behavioral variant frontotemporal dementia is associated with facial emotion recognition and brain changes in default mode and salience network areas. <i>Brain and Behavior</i> , <b>2017</b> , 7, e00843	3.4	13
109	Detecting large-scale networks in the human brain using high-density electroencephalography. <i>Human Brain Mapping</i> , <b>2017</b> , 38, 4631-4643	5.9	95
108	Corticostriatal connectivity fingerprints: Probability maps based on resting-state functional connectivity. <i>Human Brain Mapping</i> , <b>2017</b> , 38, 1478-1491	5.9	25
107	Coordinative task difficulty and behavioural errors are associated with increased long-range beta band synchronization. <i>NeuroImage</i> , <b>2017</b> , 146, 883-893	7.9	9
106	Functional and neurochemical interactions within the amygdala-medial prefrontal cortex circuit and their relevance to emotional processing. <i>Brain Structure and Function</i> , <b>2017</b> , 222, 1267-1279	4	33
105	Hippocampus-associated causal network of structural covariance measuring structural damage progression in temporal lobe epilepsy. <i>Human Brain Mapping</i> , <b>2017</b> , 38, 753-766	5.9	40
104	Quantitative Evaluation of Intensity Inhomogeneity Correction Methods for Structural MR Brain Images. <i>Neuroinformatics</i> , <b>2016</b> , 14, 5-21	3.2	22
103	Automated detection and labeling of high-density EEG electrodes from structural MR images. <i>Journal of Neural Engineering</i> , <b>2016</b> , 13, 056003	5	28
102	Identifying the effects of visceral interoception on human brain connectome: A multivariate analysis of covariance of fMRI data. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference 2016-2016</i> , 5558-5562	0.9	1
101	Tracking intrinsic connectivity brain network features during successive (Pseudo-) resting states and interoceptive task fMRI. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference, 2016-2016</i> , 5547-5550	0.9	2
100	Hierarchical subdivision and effect of ICA model dimensionality on the interoceptive task-derived brain networks <b>2016</b> ,		4
99	A ventral salience network in the macaque brain. <i>NeuroImage</i> , <b>2016</b> , 132, 190-197	7.9	25
98	Can sliding-window correlations reveal dynamic functional connectivity in resting-state fMRI?. <i>NeuroImage</i> , <b>2016</b> , 127, 242-256	7.9	35 <sup>1</sup>
97	Integrative Processing of Touch and Affect in Social Perception: An fMRI Study. <i>Frontiers in Human Neuroscience</i> , <b>2016</b> , 10, 209	3.3	10
96	Intensity Inhomogeneity Correction of Structural MR Images: A Data-Driven Approach to Define Input Algorithm Parameters. <i>Frontiers in Neuroinformatics</i> , <b>2016</b> , 10, 10	3.9	24
95	Alteration of functional connectivity in autism spectrum disorder: effect of age and anatomical distance. <i>Scientific Reports</i> , <b>2016</b> , 6, 26527	4.9	36



94	Connectivity-based parcellation increases network detection sensitivity in resting state fMRI: An investigation into the cingulate cortex in autism. <i>NeuroImage: Clinical</i> , <b>2016</b> , 11, 494-507	5.3	37
93	Hippocampal Sharp-Wave Ripples Influence Selective Activation of the Default Mode Network. <i>Current Biology</i> , <b>2016</b> , 26, 686-91	6.3	58
92	Multimodal analysis of cortical chemoarchitecture and macroscale fMRI resting-state functional connectivity. <i>Human Brain Mapping</i> , <b>2016</b> , 37, 3103-13	5.9	27
91	Resting-state temporal synchronization networks emerge from connectivity topology and heterogeneity. <i>PLoS Computational Biology</i> , <b>2015</b> , 11, e1004100	5	139
90	<b>2015</b> ,		5
89	Mapping pathological changes in brain structure by combining T1- and T2-weighted MR imaging data. <i>Neuroradiology</i> , <b>2015</b> , 57, 917-28	3.2	23
88	Asymmetrical white matter networks for attending to global versus local features. <i>Cortex</i> , <b>2015</b> , 72, 54-64	5.48	25
87	Estimating a neutral reference for electroencephalographic recordings: the importance of using a high-density montage and a realistic head model. <i>Journal of Neural Engineering</i> , <b>2015</b> , 12, 056012	5	66
86	Virtual water maze learning in human increases functional connectivity between posterior hippocampus and dorsal caudate. <i>Human Brain Mapping</i> , <b>2015</b> , 36, 1265-77	5.9	34
85	Differential functional brain network connectivity during visceral interoception as revealed by independent component analysis of fMRI TIME-series. <i>Human Brain Mapping</i> , <b>2015</b> , 36, 4438-68	5.9	39
84	Covert shifts of spatial attention in the macaque monkey. <i>Journal of Neuroscience</i> , <b>2015</b> , 35, 7695-714	6.6	48
83	Exploring influence of subliminal interoception on whole-brain functional network connectivity dynamics. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2015</b> , 2015, 670-4	0.9	8
82	Modulation of alpha power at encoding and retrieval tracks the precision of visual short-term memory. <i>Journal of Neurophysiology</i> , <b>2014</b> , 112, 2939-45	3.2	10
81	Aging effects on the resting state motor network and interlimb coordination. <i>Human Brain Mapping</i> , <b>2014</b> , 35, 3945-61	5.9	45
80	Understanding bimanual coordination across small time scales from an electrophysiological perspective. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2014</b> , 47, 614-35	9	27
79	Altered brain long-range functional interactions underlying the link between aberrant self-experience and self-other relationship in first-episode schizophrenia. <i>Schizophrenia Bulletin</i> , <b>2014</b> , 40, 1072-82	1.3	42
78	Being an agent or an observer: different spectral dynamics revealed by MEG. <i>NeuroImage</i> , <b>2014</b> , 102 Pt 2, 717-28	7.9	26
77	Altered functional connectivity of the language network in ASD: role of classical language areas and cerebellum. <i>NeuroImage: Clinical</i> , <b>2014</b> , 4, 374-82	5.3	94



76	Automated delineation of stroke lesions using brain CT images. <i>NeuroImage: Clinical</i> , <b>2014</b> , 4, 540-8	5.3	98
75	How local excitation-inhibition ratio impacts the whole brain dynamics. <i>Journal of Neuroscience</i> , <b>2014</b> , 34, 7886-98	6.6	180
74	Memory load modulates graded changes in distracter filtering. <i>Frontiers in Human Neuroscience</i> , <b>2014</b> , 8, 1025	3.3	3
73	Whole brain myelin mapping using T1- and T2-weighted MR imaging data. <i>Frontiers in Human Neuroscience</i> , <b>2014</b> , 8, 671	3.3	97
72	Neuronal oscillations and functional interactions between resting state networks. <i>Human Brain Mapping</i> , <b>2014</b> , 35, 3517-28	5.9	48
71	Structural and functional underconnectivity as a negative predictor for language in autism. <i>Human Brain Mapping</i> , <b>2014</b> , 35, 3602-15	5.9	35
70	Epileptic discharges specifically affect intrinsic connectivity networks during absence seizures. <i>Journal of the Neurological Sciences</i> , <b>2014</b> , 336, 138-45	3.2	26
69	Dynamical intrinsic functional architecture of the brain during absence seizures. <i>Brain Structure and Function</i> , <b>2014</b> , 219, 2001-15	4	82
68	Cytoarchitectonic mapping of attentional selection and reorienting in parietal cortex. <i>NeuroImage</i> , <b>2013</b> , 67, 257-72	7.9	30
67	Long-range functional interactions of anterior insula and medial frontal cortex are differently modulated by visuospatial and inductive reasoning tasks. <i>NeuroImage</i> , <b>2013</b> , 78, 426-38	7.9	26
66	Intact but less accessible phonetic representations in adults with dyslexia. <i>Science</i> , <b>2013</b> , 342, 1251-4	33.3	257
65	Natural scenes viewing alters the dynamics of functional connectivity in the human brain. <i>Neuron</i> , <b>2013</b> , 79, 782-97	13.9	121
64	Evolutionarily novel functional networks in the human brain?. <i>Journal of Neuroscience</i> , <b>2013</b> , 33, 3259-756.6		216
63	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> , <b>2013</b> , 110, 3131-65	11.5	65
62	Emerging roles of the brain's default network. <i>Neuroscientist</i> , <b>2013</b> , 19, 76-87	7.6	88
61	Relationship between large-scale functional and structural covariance networks in idiopathic generalized epilepsy. <i>Brain Connectivity</i> , <b>2013</b> , 3, 240-54	2.7	49
60	Functional connectivity and oscillatory neuronal activity in the resting human brain. <i>Neuroscience</i> , <b>2013</b> , 240, 297-309	3.9	36
59	Resting-state functional connectivity emerges from structurally and dynamically shaped slow linear fluctuations. <i>Journal of Neuroscience</i> , <b>2013</b> , 33, 11239-52	6.6	333

58	Functional connectivity in the normal and injured brain. <i>Neuroscientist</i> , <b>2013</b> , 19, 509-22	7.6	42
57	Interspecies activity correlations reveal functional correspondence between monkey and human brain areas. <i>Nature Methods</i> , <b>2012</b> , 9, 277-82	21.6	78
56	Common and unique neuro-functional basis of induction, visualization, and spatial relationships as cognitive components of fluid intelligence. <i>NeuroImage</i> , <b>2012</b> , 62, 331-42	7.9	35
55	A K-means multivariate approach for clustering independent components from magnetoencephalographic data. <i>NeuroImage</i> , <b>2012</b> , 62, 1912-23	7.9	19
54	Data-driven analysis of analogous brain networks in monkeys and humans during natural vision. <i>NeuroImage</i> , <b>2012</b> , 63, 1107-18	7.9	24
53	Combination training in aging individuals modifies functional connectivity and cognition, and is potentially affected by dopamine-related genes. <i>PLoS ONE</i> , <b>2012</b> , 7, e43901	3.7	52
52	Functional connectivity in resting-state fMRI: is linear correlation sufficient?. <i>NeuroImage</i> , <b>2011</b> , 54, 2218-25	7.5	119
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9	Detecting large-scale networks in the human brain using high-density electroencephalography		3
8	Human resting-state electrophysiological networks in the alpha frequency band: Evidence from magnetoencephalographic source imaging		3
7	Extracting orthogonal subject- and behavior-specific signatures from fMRI data using whole-brain effective connectivity		2
6	Hippocampal and striatal responses during motor learning are modulated by prefrontal cortex stimulation		1
5	MOU-EC: model-based whole-brain effective connectivity to extract biomarkers for brain dynamics from fMRI data and study distributed cognition		1

4	Effective connectivity inferred from fMRI transition dynamics during movie viewing points to a balanced reconfiguration of cortical interactions	3
3	Concurrent tACS-fMRI reveals causal influence of power synchronized neural activity on resting state fMRI connectivity	1
2	Heart-brain interactions in the MR environment: characterization of the ballistocardiogram in EEG signals collected during simultaneous fMRI	1
1	Persistence of Hippocampal and Striatal Multivoxel Patterns during Awake Rest after Motor Sequence Learning	2