

# Dante Mantini

## List of Publications by Citations

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**Version:** 2024-04-28

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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	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> , <b>2007</b> , 104, 13170-5	11.5	1415
200	Temporal dynamics of spontaneous MEG activity in brain networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 6040-5	11.5	531
199	Altered functional connectivity and small-world in mesial temporal lobe epilepsy. <i>PLoS ONE</i> , <b>2010</b> , 5, e8525	3.7	391
198	Altered functional-structural coupling of large-scale brain networks in idiopathic generalized epilepsy. <i>Brain</i> , <b>2011</b> , 134, 2912-28	11.2	383
197	Can sliding-window correlations reveal dynamic functional connectivity in resting-state fMRI?. <i>NeuroImage</i> , <b>2016</b> , 127, 242-256	7.9	351
196	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
195	Intact but less accessible phonetic representations in adults with dyslexia. <i>Science</i> , <b>2013</b> , 342, 1251-4	33.3	257
194	Selective aberrant functional connectivity of resting state networks in social anxiety disorder. <i>NeuroImage</i> , <b>2010</b> , 52, 1549-58	7.9	235
193	Default mode network abnormalities in mesial temporal lobe epilepsy: a study combining fMRI and DTI. <i>Human Brain Mapping</i> , <b>2011</b> , 32, 883-95	5.9	229
192	Default mode of brain function in monkeys. <i>Journal of Neuroscience</i> , <b>2011</b> , 31, 12954-62	6.6	223
191	Evolutionarily novel functional networks in the human brain?. <i>Journal of Neuroscience</i> , <b>2013</b> , 33, 3259-756.6		216
190	Altered intrinsic functional connectivity of anterior and posterior insula regions in high-functioning participants with autism spectrum disorder. <i>Human Brain Mapping</i> , <b>2011</b> , 32, 1013-28	5.9	191
189	How local excitation-inhibition ratio impacts the whole brain dynamics. <i>Journal of Neuroscience</i> , <b>2014</b> , 34, 7886-98	6.6	180
188	Complete artifact removal for EEG recorded during continuous fMRI using independent component analysis. <i>NeuroImage</i> , <b>2007</b> , 34, 598-607	7.9	180
187	Evaluating the effective connectivity of resting state networks using conditional Granger causality. <i>Biological Cybernetics</i> , <b>2010</b> , 102, 57-69	2.8	159
186	Resting-state temporal synchronization networks emerge from connectivity topology and heterogeneity. <i>PLoS Computational Biology</i> , <b>2015</b> , 11, e1004100	5	139
185	Large-scale brain networks account for sustained and transient activity during target detection. <i>NeuroImage</i> , <b>2009</b> , 44, 265-74	7.9	127

184	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
183	Functional connectivity in resting-state fMRI: is linear correlation sufficient?. <i>NeuroImage</i> , <b>2011</b> , 54, 2218-25	7.25	119
182	Altered gray matter morphometry and resting-state functional and structural connectivity in social anxiety disorder. <i>Brain Research</i> , <b>2011</b> , 1388, 167-77	3.7	114
181	Lesion evidence for the critical role of the intraparietal sulcus in spatial attention. <i>Brain</i> , <b>2011</b> , 134, 1694-709	11.09	101
180	Automated delineation of stroke lesions using brain CT images. <i>NeuroImage: Clinical</i> , <b>2014</b> , 4, 540-8	5.3	98
179	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
178	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
177	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
176	LIMPIC: a computational method for the separation of protein MALDI-TOF-MS signals from noise. <i>BMC Bioinformatics</i> , <b>2007</b> , 8, 101	3.6	90
175	Emerging roles of the brain's default network. <i>Neuroscientist</i> , <b>2013</b> , 19, 76-87	7.6	88
174	Dynamical intrinsic functional architecture of the brain during absence seizures. <i>Brain Structure and Function</i> , <b>2014</b> , 219, 2001-15	4	82
173	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
172	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
171	A signal-processing pipeline for magnetoencephalography resting-state networks. <i>Brain Connectivity</i> , <b>2011</b> , 1, 49-59	2.7	71
170	Improving MEG source localizations: an automated method for complete artifact removal based on independent component analysis. <i>NeuroImage</i> , <b>2008</b> , 40, 160-73	7.9	67
169	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
168	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, 3131-6	11.5	65
167	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

166	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
165	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
164	Independent component analysis for the extraction of reliable protein signal profiles from MALDI-TOF mass spectra. <i>Bioinformatics</i> , <b>2008</b> , 24, 63-70	7.2	57
163	What is special about the human arcuate fasciculus? Lateralization, projections, and expansion. <i>Cortex</i> , <b>2019</b> , 118, 107-115	3.8	54
162	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
161	Functional connectivity MR imaging of the language network in patients with drug-resistant epilepsy. <i>American Journal of Neuroradiology</i> , <b>2011</b> , 32, 532-40	4.4	51
160	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
159	Covert shifts of spatial attention in the macaque monkey. <i>Journal of Neuroscience</i> , <b>2015</b> , 35, 7695-714	6.6	48
158	Neuronal oscillations and functional interactions between resting state networks. <i>Human Brain Mapping</i> , <b>2014</b> , 35, 3517-28	5.9	48
157	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
156	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
155	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
154	Functional connectivity in the normal and injured brain. <i>Neuroscientist</i> , <b>2013</b> , 19, 509-22	7.6	42
153	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
152	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
151	Noxious somatosensory stimulation affects the default mode of brain function: evidence from functional MR imaging. <i>Radiology</i> , <b>2009</b> , 253, 797-804	20.5	39
150	The role of nonlinearity in computing graph-theoretical properties of resting-state functional magnetic resonance imaging brain networks. <i>Chaos</i> , <b>2011</b> , 21, 013119	3.3	38
149	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

148	Pre-analytical factors in clinical proteomics investigations: impact of ex vivo protein modifications for multiple sclerosis biomarker discovery. <i>Journal of Proteomics</i> , <b>2010</b> , 73, 579-92	3.9	37
147	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
146	Functional connectivity and oscillatory neuronal activity in the resting human brain. <i>Neuroscience</i> , <b>2013</b> , 240, 297-309	3.9	36
145	Topological fractionation of resting-state networks. <i>PLoS ONE</i> , <b>2011</b> , 6, e26596	3.7	36
144	Time course reconstruction of fetal cardiac signals from fMCG: independent component analysis versus adaptive maternal beat subtraction. <i>Physiological Measurement</i> , <b>2004</b> , 25, 1305-21	2.9	36
143	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
142	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
141	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
140	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
139	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
138	Independent component analysis: fetal signal reconstruction from magnetocardiographic recordings. <i>Computer Methods and Programs in Biomedicine</i> , <b>2004</b> , 75, 163-77	6.9	35
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	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
135	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
134	Shared and connection-specific intrinsic interactions in the default mode network. <i>NeuroImage</i> , <b>2019</b> , 200, 474-481	7.9	31
133	Characterization of fetal arrhythmias by means of fetal magnetocardiography in three cases of difficult ultrasonographic imaging. <i>PACE - Pacing and Clinical Electrophysiology</i> , <b>2004</b> , 27, 1647-55	1.6	31
132	Cytoarchitectonic mapping of attentional selection and reorienting in parietal cortex. <i>NeuroImage</i> , <b>2013</b> , 67, 257-72	7.9	30
131	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

130	A computational platform for MALDI-TOF mass spectrometry data: application to serum and plasma samples. <i>Journal of Proteomics</i> , <b>2010</b> , 73, 562-70	3.9	28
129	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
128	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
127	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
126	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
125	Adaptive optimal basis set for BCG artifact removal in simultaneous EEG-fMRI. <i>Scientific Reports</i> , <b>2018</b> , 8, 8902	4.9	26
124	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
123	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
122	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
121	Fetal magnetocardiographic mapping using independent component analysis. <i>Physiological Measurement</i> , <b>2004</b> , 25, 1459-72	2.9	26
120	Asymmetrical white matter networks for attending to global versus local features. <i>Cortex</i> , <b>2015</b> , 72, 54-64	6.8	25
119	A ventral salience network in the macaque brain. <i>NeuroImage</i> , <b>2016</b> , 132, 190-197	7.9	25
118	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
117	Multimodal integration of fMRI and EEG data for high spatial and temporal resolution analysis of brain networks. <i>Brain Topography</i> , <b>2010</b> , 23, 150-8	4.3	25
116	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
115	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
114	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
113	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

112	Age-Dependent Modulations of Resting State Connectivity Following Motor Practice. <i>Frontiers in Aging Neuroscience</i> , <b>2018</b> , 10, 25	5.3	23
111	Quantitative Evaluation of Intensity Inhomogeneity Correction Methods for Structural MR Brain Images. <i>Neuroinformatics</i> , <b>2016</b> , 14, 5-21	3.2	22
110	Hemodynamic Correlates of Electrophysiological Activity in the Default Mode Network. <i>Frontiers in Neuroscience</i> , <b>2019</b> , 13, 1060	5.1	22
109	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
108	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
107	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
106	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
105	A K-means multivariate approach for clustering independent components from magnetoencephalographic data. <i>NeuroImage</i> , <b>2012</b> , 62, 1912-23	7.9	19
104	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
103	Spatial localization of EEG electrodes using 3D scanning. <i>Journal of Neural Engineering</i> , <b>2019</b> , 16, 0260205		19
102	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
101	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
100	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
99	Online EEG artifact removal for BCI applications by adaptive spatial filtering. <i>Journal of Neural Engineering</i> , <b>2018</b> , 15, 056009	5	17
98	Neural Correlates of Drug-Related Attentional Bias in Heroin Dependence. <i>Frontiers in Human Neuroscience</i> , <b>2017</b> , 11, 646	3.3	16
97	Neural activity related to volitional regulation of cortical excitability. <i>ELife</i> , <b>2018</b> , 7,	8.9	16
96	Performance comparison of independent component analysis algorithms for fetal cardiac signal reconstruction: a study on synthetic fMCG data. <i>Physics in Medicine and Biology</i> , <b>2006</b> , 51, 1033-46	3.8	14
95	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



94	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
93	EEGdenoiseNet: a benchmark dataset for deep learning solutions of EEG denoising. <i>Journal of Neural Engineering</i> , <b>2021</b> , 18,	5	14
92	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
91	Comparison of hypothesis- and a novel hybrid data/hypothesis-driven method of functional MR imaging analysis in patients with brain gliomas. <i>American Journal of Neuroradiology</i> , <b>2011</b> , 32, 1056-64	4.4	13
90	Distinct modes of functional connectivity induced by movie-watching. <i>NeuroImage</i> , <b>2019</b> , 184, 335-348	7.9	13
89	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
88	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
87	Multichannel mapping of fetal magnetocardiogram in an unshielded hospital setting. <i>Prenatal Diagnosis</i> , <b>2005</b> , 25, 376-82	3.2	12
86	Frequency-dependent functional connectivity in resting state networks. <i>Human Brain Mapping</i> , <b>2020</b> , 41, 5187-5198	5.9	12
85	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
84	Simultaneous monitoring of separate fetal magnetocardiographic signals in twin pregnancy. <i>Physiological Measurement</i> , <b>2005</b> , 26, 193-201	2.9	11
83	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
82	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
81	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
80	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
79	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
78	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
77	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



76	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
75	Age-related differences in neural spectral power during motor learning. <i>Neurobiology of Aging</i> , <b>2019</b> , 77, 44-57	5.6	10
74	Selective TMS-induced modulation of functional connectivity correlates with changes in behavior. <i>NeuroImage</i> , <b>2017</b> , 149, 361-378	7.9	9
73	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
72	Beat-to-beat estimate of fetal cardiac time intervals using magnetocardiography: longitudinal charts of normality ranges and individual trends. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , <b>2005</b> , 84, 1175-80	3.8	9
71	Optimal filter design for shielded and unshielded ambient noise reduction in fetal magnetocardiography. <i>Physics in Medicine and Biology</i> , <b>2005</b> , 50, 5509-21	3.8	9
70	A method for the automatic reconstruction of fetal cardiac signals from magnetocardiographic recordings. <i>Physics in Medicine and Biology</i> , <b>2005</b> , 50, 4763-81	3.8	9
69	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
68	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
67	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
66	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
65	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
64	Source-reconstruction of the sensorimotor network from resting-state macaque electrocorticography. <i>NeuroImage</i> , <b>2018</b> , 181, 347-358	7.9	7
63	Generalizing post-stroke prognoses from research data to clinical data. <i>NeuroImage: Clinical</i> , <b>2019</b> , 24, 102005	5.3	7
62	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
61	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
60	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
59	Biological Characteristics of Connection-Wise Resting-State Functional Connectivity Strength. <i>Cerebral Cortex</i> , <b>2019</b> , 29, 4646-4653	5.1	6

58	Pharmacological functional MRI assessment of the effect of ibuprofen-arginine in painful conditions. <i>International Journal of Immunopathology and Pharmacology</i> , <b>2010</b> , 23, 927-35	3	6
57	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
56	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
55	SPOT3D: Spatial positioning toolbox for head markers using 3D scans. <i>Scientific Reports</i> , <b>2019</b> , 9, 12813	4.9	5
54	<b>2015</b> ,		5
53	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
52	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
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