

Dante Mantini

List of Publications by Year in descending order

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Version: 2024-02-01

200
papers

13,769
citations

34100

52
h-index

27402

106
g-index

224
all docs

224
docs citations

224
times ranked

14968
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrophysiological signatures of resting state networks in the human brain. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 13170-13175.	7.1	1,716
2	Temporal dynamics of spontaneous MEG activity in brain networks. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 6040-6045.	7.1	664
3	Can sliding-window correlations reveal dynamic functional connectivity in resting-state fMRI?. NeuroImage, 2016, 127, 242-256.	4.2	530
4	Altered functional structural coupling of large-scale brain networks in idiopathic generalized epilepsy. Brain, 2011, 134, 2912-2928.	7.6	486
5	Resting-State Functional Connectivity Emerges from Structurally and Dynamically Shaped Slow Linear Fluctuations. Journal of Neuroscience, 2013, 33, 11239-11252.	3.6	476
6	Altered Functional Connectivity and Small-World in Mesial Temporal Lobe Epilepsy. PLoS ONE, 2010, 5, e8525.	2.5	459
7	Intact But Less Accessible Phonetic Representations in Adults with Dyslexia. Science, 2013, 342, 1251-1254.	12.6	352
8	How Local Excitation-Inhibition Ratio Impacts the Whole Brain Dynamics. Journal of Neuroscience, 2014, 34, 7886-7898.	3.6	303
9	Selective aberrant functional connectivity of resting state networks in social anxiety disorder. NeuroImage, 2010, 52, 1549-1558.	4.2	293
10	Default mode network abnormalities in mesial temporal lobe epilepsy: A study combining fMRI and DTI. Human Brain Mapping, 2011, 32, 883-895.	3.6	279
11	Default Mode of Brain Function in Monkeys. Journal of Neuroscience, 2011, 31, 12954-12962.	3.6	278
12	Evolutionarily Novel Functional Networks in the Human Brain?. Journal of Neuroscience, 2013, 33, 3259-3275.	3.6	266
13	Altered intrinsic functional connectivity of anterior and posterior insula regions in high-functioning participants with autism spectrum disorder. Human Brain Mapping, 2011, 32, 1013-1028.	3.6	240
14	Resting-State Temporal Synchronization Networks Emerge from Connectivity Topology and Heterogeneity. PLoS Computational Biology, 2015, 11, e1004100.	3.2	216
15	Complete artifact removal for EEG recorded during continuous fMRI using independent component analysis. NeuroImage, 2007, 34, 598-607.	4.2	200
16	Evaluating the effective connectivity of resting state networks using conditional Granger causality. Biological Cybernetics, 2010, 102, 57-69.	1.3	198
17	Natural Scenes Viewing Alters the Dynamics of Functional Connectivity in the Human Brain. Neuron, 2013, 79, 782-797.	8.1	175
18	Functional connectivity in resting-state fMRI: Is linear correlation sufficient?. NeuroImage, 2011, 54, 2218-2225.	4.2	166

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19	Whole brain myelin mapping using T1- and T2-weighted MR imaging data. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 671.	2.0	163
20	Detecting large-scale networks in the human brain using high-density electroencephalography. <i>Human Brain Mapping</i> , 2017, 38, 4631-4643.	3.6	155
21	Large-scale brain networks account for sustained and transient activity during target detection. <i>NeuroImage</i> , 2009, 44, 265-274.	4.2	145
22	Altered gray matter morphometry and resting-state functional and structural connectivity in social anxiety disorder. <i>Brain Research</i> , 2011, 1388, 167-177.	2.2	142
23	Altered functional connectivity of the language network in ASD: Role of classical language areas and cerebellum. <i>NeuroImage: Clinical</i> , 2014, 4, 374-382.	2.7	139
24	Age-Related Declines in Motor Performance are Associated With Decreased Segregation of Large-Scale Resting State Brain Networks. <i>Cerebral Cortex</i> , 2018, 28, 4390-4402.	2.9	125
25	Automated delineation of stroke lesions using brain CT images. <i>NeuroImage: Clinical</i> , 2014, 4, 540-548.	2.7	124
26	Lesion evidence for the critical role of the intraparietal sulcus in spatial attention. <i>Brain</i> , 2011, 134, 1694-1709.	7.6	122
27	LIMPIC: a computational method for the separation of protein MALDI-TOF-MS signals from noise. <i>BMC Bioinformatics</i> , 2007, 8, 101.	2.6	120
28	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> , 2015, 12, 056012.	3.5	111
29	A Signal-Processing Pipeline for Magnetoencephalography Resting-State Networks. <i>Brain Connectivity</i> , 2011, 1, 49-59.	1.7	105
30	Interspecies activity correlations reveal functional correspondence between monkey and human brain areas. <i>Nature Methods</i> , 2012, 9, 277-282.	19.0	101
31	Emerging Roles of the Brain's Default Network. <i>Neuroscientist</i> , 2013, 19, 76-87.	3.5	100
32	Dynamical intrinsic functional architecture of the brain during absence seizures. <i>Brain Structure and Function</i> , 2014, 219, 2001-2015.	2.3	99
33	Neural signatures of Trail Making Test performance: Evidence from lesion-mapping and neuroimaging studies. <i>Neuropsychologia</i> , 2018, 115, 78-87.	1.6	95
34	Detecting Large-Scale Brain Networks Using EEG: Impact of Electrode Density, Head Modeling and Source Localization. <i>Frontiers in Neuroinformatics</i> , 2018, 12, 4.	2.5	95
35	Improving MEG source localizations: An automated method for complete artifact removal based on independent component analysis. <i>NeuroImage</i> , 2008, 40, 160-173.	4.2	94
36	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> , 2019, 21, 101620.	2.7	89

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37	What is special about the human arcuate fasciculus? Lateralization, projections, and expansion. <i>Cortex</i> , 2019, 118, 107-115.	2.4	88
38	Hippocampal Sharp-Wave Ripples Influence Selective Activation of the Default Mode Network. <i>Current Biology</i> , 2016, 26, 686-691.	3.9	86
39	Functional Connectivity in the Normal and Injured Brain. <i>Neuroscientist</i> , 2013, 19, 509-522.	3.5	77
40	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, 3131-3136.	7.1	76
41	Concurrent tACS-fMRI Reveals Causal Influence of Power Synchronized Neural Activity on Resting State fMRI Connectivity. <i>Journal of Neuroscience</i> , 2017, 37, 4766-4777.	3.6	73
42	EEGdenoiseNet: a benchmark dataset for deep learning solutions of EEG denoising. <i>Journal of Neural Engineering</i> , 2021, 18, 056057.	3.5	71
43	Independent component analysis for the extraction of reliable protein signal profiles from MALDI-TOF mass spectra. <i>Bioinformatics</i> , 2008, 24, 63-70.	4.1	70
44	Neuronal oscillations and functional interactions between resting state networks. <i>Human Brain Mapping</i> , 2014, 35, 3517-3528.	3.6	68
45	Relationship Between Large-Scale Functional and Structural Covariance Networks in Idiopathic Generalized Epilepsy. <i>Brain Connectivity</i> , 2013, 3, 240-254.	1.7	66
46	Hand, foot and lip representations in primary sensorimotor cortex: a high-density electroencephalography study. <i>Scientific Reports</i> , 2019, 9, 19464.	3.3	65
47	Combination Training in Aging Individuals Modifies Functional Connectivity and Cognition, and Is Potentially Affected by Dopamine-Related Genes. <i>PLoS ONE</i> , 2012, 7, e43901.	2.5	64
48	Covert Shifts of Spatial Attention in the Macaque Monkey. <i>Journal of Neuroscience</i> , 2015, 35, 7695-7714.	3.6	64
49	The potential of real-time fMRI neurofeedback for stroke rehabilitation: A systematic review. <i>Cortex</i> , 2018, 107, 148-165.	2.4	64
50	Shared and connection-specific intrinsic interactions in the default mode network. <i>NeuroImage</i> , 2019, 200, 474-481.	4.2	64
51	Hippocampus-associated causal network of structural covariance measuring structural damage progression in temporal lobe epilepsy. <i>Human Brain Mapping</i> , 2017, 38, 753-766.	3.6	61
52	Functional Connectivity MR Imaging of the Language Network in Patients with Drug-Resistant Epilepsy. <i>American Journal of Neuroradiology</i> , 2011, 32, 532-540.	2.4	60
53	Alteration of functional connectivity in autism spectrum disorder: effect of age and anatomical distance. <i>Scientific Reports</i> , 2016, 6, 26527.	3.3	60
54	Effective connectivity inferred from fMRI transition dynamics during movie viewing points to a balanced reconfiguration of cortical interactions. <i>NeuroImage</i> , 2018, 180, 534-546.	4.2	57

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55	Functional connectivity and oscillatory neuronal activity in the resting human brain. <i>Neuroscience</i> , 2013, 240, 297-309.	2.3	56
56	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> , 2014, 40, 1072-1082.	4.3	56
57	Structural and functional underconnectivity as a negative predictor for language in autism. <i>Human Brain Mapping</i> , 2014, 35, 3602-3615.	3.6	55
58	Differential functional brain network connectivity during visceral interoception as revealed by independent component analysis of fMRI time-series. <i>Human Brain Mapping</i> , 2015, 36, 4438-4468.	3.6	55
59	Ageing effects on the resting state motor network and interlimb coordination. <i>Human Brain Mapping</i> , 2014, 35, 3945-3961.	3.6	53
60	Connectivity-based parcellation reveals distinct cortico-striatal connectivity fingerprints in Autism Spectrum Disorder. <i>NeuroImage</i> , 2018, 170, 412-423.	4.2	52
61	Aberrant brain network connectivity in presymptomatic and manifest Huntington's disease: A systematic review. <i>Human Brain Mapping</i> , 2020, 41, 256-269.	3.6	50
62	Mapping pathological changes in brain structure by combining T1- and T2-weighted MR imaging data. <i>Neuroradiology</i> , 2015, 57, 917-928.	2.2	48
63	The role of nonlinearity in computing graph-theoretical properties of resting-state functional magnetic resonance imaging brain networks. <i>Chaos</i> , 2011, 21, 013119.	2.5	47
64	Automated detection and labeling of high-density EEG electrodes from structural MR images. <i>Journal of Neural Engineering</i> , 2016, 13, 056003.	3.5	47
65	Age-related differences in GABA levels are driven by bulk tissue changes. <i>Human Brain Mapping</i> , 2018, 39, 3652-3662.	3.6	47
66	Noxious Somatosensory Stimulation Affects the Default Mode of Brain Function: Evidence from Functional MR Imaging. <i>Radiology</i> , 2009, 253, 797-804.	7.3	46
67	P3b amplitude as a signature of cognitive decline in the older population: An EEG study enhanced by Functional Source Separation. <i>NeuroImage</i> , 2019, 184, 535-546.	4.2	46
68	Connectivity-based parcellation increases network detection sensitivity in resting state fMRI: An investigation into the cingulate cortex in autism. <i>NeuroImage: Clinical</i> , 2016, 11, 494-507.	2.7	45
69	Intensity Inhomogeneity Correction of Structural MR Images: A Data-Driven Approach to Define Input Algorithm Parameters. <i>Frontiers in Neuroinformatics</i> , 2016, 10, 10.	2.5	44
70	Topological Fractionation of Resting-State Networks. <i>PLoS ONE</i> , 2011, 6, e26596.	2.5	43
71	Common and unique neuro-functional basis of induction, visualization, and spatial relationships as cognitive components of fluid intelligence. <i>NeuroImage</i> , 2012, 62, 331-342.	4.2	43
72	Virtual water maze learning in human increases functional connectivity between posterior hippocampus and dorsal caudate. <i>Human Brain Mapping</i> , 2015, 36, 1265-1277.	3.6	43

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73	Functional and neurochemical interactions within the amygdalaâ€‘medial prefrontal cortex circuit and their relevance to emotional processing. <i>Brain Structure and Function</i> , 2017, 222, 1267-1279.	2.3	43
74	Frequencyâ€‘dependent functional connectivity in resting state networks. <i>Human Brain Mapping</i> , 2020, 41, 5187-5198.	3.6	43
75	A ventral salience network in the macaque brain. <i>NeuroImage</i> , 2016, 132, 190-197.	4.2	42
76	Hemodynamic Correlates of Electrophysiological Activity in the Default Mode Network. <i>Frontiers in Neuroscience</i> , 2019, 13, 1060.	2.8	42
77	Pre-analytical factors in clinical proteomics investigations: Impact of ex vivo protein modifications for multiple sclerosis biomarker discovery. <i>Journal of Proteomics</i> , 2010, 73, 579-592.	2.4	41
78	Extracting orthogonal subject- and condition-specific signatures from fMRI data using whole-brain effective connectivity. <i>NeuroImage</i> , 2018, 178, 238-254.	4.2	41
79	Adaptive optimal basis set for BCG artifact removal in simultaneous EEG-fMRI. <i>Scientific Reports</i> , 2018, 8, 8902.	3.3	41
80	Time course reconstruction of fetal cardiac signals from fMCG: independent component analysis versus adaptive maternal beat subtraction. <i>Physiological Measurement</i> , 2004, 25, 1305-1321.	2.1	40
81	Understanding bimanual coordination across small time scales from an electrophysiological perspective. <i>Neuroscience and Biobehavioral Reviews</i> , 2014, 47, 614-635.	6.1	40
82	Multi-method brain imaging reveals impaired representations of number as well as altered connectivity in adults with dyscalculia. <i>NeuroImage</i> , 2019, 190, 289-302.	4.2	40
83	Neuronal dynamics enable the functional differentiation of resting state networks in the human brain. <i>Human Brain Mapping</i> , 2019, 40, 1445-1457.	3.6	40
84	Model-based whole-brain effective connectivity to study distributed cognition in health and disease. <i>Network Neuroscience</i> , 2020, 4, 338-373.	2.6	40
85	Spatial localization of EEG electrodes using 3D scanning. <i>Journal of Neural Engineering</i> , 2019, 16, 026020.	3.5	39
86	Independent component analysis: fetal signal reconstruction from magnetocardiographic recordings. <i>Computer Methods and Programs in Biomedicine</i> , 2004, 75, 163-177.	4.7	36
87	Characterization of Fetal Arrhythmias by Means of Fetal Magnetocardiography in Three Cases of Difficult Ultrasonographic Imaging. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2004, 27, 1647-1655.	1.2	35
88	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> , 2020, 208, 116470.	4.2	35
89	Multimodal analysis of cortical chemoarchitecture and macroscale fMRI restingâ€‘state functional connectivity. <i>Human Brain Mapping</i> , 2016, 37, 3103-3113.	3.6	34
90	Cytoarchitectonic mapping of attentional selection and reorienting in parietal cortex. <i>NeuroImage</i> , 2013, 67, 257-272.	4.2	33

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91	Being an agent or an observer: Different spectral dynamics revealed by MEG. <i>NeuroImage</i> , 2014, 102, 717-728.	4.2	33
92	Signature of consciousness in brain-wide synchronization patterns of monkey and human fMRI signals. <i>NeuroImage</i> , 2021, 226, 117470.	4.2	33
93	Long-range functional interactions of anterior insula and medial frontal cortex are differently modulated by visuospatial and inductive reasoning tasks. <i>NeuroImage</i> , 2013, 78, 426-438.	4.2	32
94	Online EEG artifact removal for BCI applications by adaptive spatial filtering. <i>Journal of Neural Engineering</i> , 2018, 15, 056009.	3.5	32
95	Multimodal Integration of fMRI and EEG Data for High Spatial and Temporal Resolution Analysis of Brain Networks. <i>Brain Topography</i> , 2010, 23, 150-158.	1.8	31
96	A computational platform for MALDI-TOF mass spectrometry data: Application to serum and plasma samples. <i>Journal of Proteomics</i> , 2010, 73, 562-570.	2.4	31
97	Epileptic discharges specifically affect intrinsic connectivity networks during absence seizures. <i>Journal of the Neurological Sciences</i> , 2014, 336, 138-145.	0.6	31
98	The role of left insula in executive set-switching: Lesion evidence from an acute stroke cohort. <i>Cortex</i> , 2018, 107, 92-101.	2.4	31
99	Neural activity related to volitional regulation of cortical excitability. <i>ELife</i> , 2018, 7, .	6.0	31
100	Age-Dependent Modulations of Resting State Connectivity Following Motor Practice. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 25.	3.4	31
101	Data-driven analysis of analogous brain networks in monkeys and humans during natural vision. <i>NeuroImage</i> , 2012, 63, 1107-1118.	4.2	30
102	Asymmetrical white matter networks for attending to global versus local features. <i>Cortex</i> , 2015, 72, 54-64.	2.4	30
103	Quantitative Evaluation of Intensity Inhomogeneity Correction Methods for Structural MR Brain Images. <i>Neuroinformatics</i> , 2016, 14, 5-21.	2.8	30
104	Corticostriatal connectivity fingerprints: Probability maps based on resting-state functional connectivity. <i>Human Brain Mapping</i> , 2017, 38, 1478-1491.	3.6	30
105	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> , 2019, 9, 3144.	3.3	30
106	GABA content within medial prefrontal cortex predicts the variability of fronto-limbic effective connectivity. <i>Brain Structure and Function</i> , 2017, 222, 3217-3229.	2.3	29
107	Role of the dorsal attention network in distracter suppression based on features. <i>Cognitive Neuroscience</i> , 2020, 11, 37-46.	1.4	29
108	Fetal magnetocardiographic mapping using independent component analysis. <i>Physiological Measurement</i> , 2004, 25, 1459-1472.	2.1	27

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109	Neural Correlates of Drug-Related Attentional Bias in Heroin Dependence. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 646.	2.0	27
110	A K-means multivariate approach for clustering independent components from magnetoencephalographic data. <i>NeuroImage</i> , 2012, 62, 1912-1923.	4.2	26
111	Age-related differences in network flexibility and segregation at rest and during motor performance. <i>NeuroImage</i> , 2019, 194, 93-104.	4.2	26
112	A Finite-Difference Solution for the EEG Forward Problem in Inhomogeneous Anisotropic Media. <i>Brain Topography</i> , 2019, 32, 229-239.	1.8	24
113	Distinct modes of functional connectivity induced by movie-watching. <i>NeuroImage</i> , 2019, 184, 335-348.	4.2	23
114	Sensorimotor cortex neurometabolite levels as correlate of motor performance in normal aging: evidence from a 1H-MRS study. <i>NeuroImage</i> , 2019, 202, 116050.	4.2	22
115	Age-related differences in neural spectral power during motor learning. <i>Neurobiology of Aging</i> , 2019, 77, 44-57.	3.1	21
116	Baseline sensorimotor GABA levels shape neuroplastic processes induced by motor learning in older adults. <i>Human Brain Mapping</i> , 2020, 41, 3680-3695.	3.6	21
117	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> , 2017, 7, e00843.	2.2	20
118	Disrupted relationship between resting state connectivity and task-evoked activity during social perception in schizophrenia. <i>Schizophrenia Research</i> , 2018, 193, 370-376.	2.0	20
119	Improving the quality of combined EEG-TMS neural recordings: Introducing the coil spacer. <i>Journal of Neuroscience Methods</i> , 2018, 294, 34-39.	2.5	20
120	Coordinative task difficulty and behavioural errors are associated with increased long-range beta band synchronization. <i>NeuroImage</i> , 2017, 146, 883-893.	4.2	19
121	Age-related GABAergic differences in the primary sensorimotor cortex: A multimodal approach combining PET, MRS and TMS. <i>NeuroImage</i> , 2021, 226, 117536.	4.2	18
122	Functional specialization of macaque premotor F5 subfields with respect to hand and mouth movements: A comparison of task and resting-state fMRI. <i>NeuroImage</i> , 2019, 191, 441-456.	4.2	17
123	Characterisation of Haemodynamic Activity in Resting State Networks by Fractal Analysis. <i>International Journal of Neural Systems</i> , 2020, 30, 2050061.	5.2	17
124	Fiber-specific variations in anterior transcallosal white matter structure contribute to age-related differences in motor performance. <i>NeuroImage</i> , 2020, 209, 116530.	4.2	17
125	Simultaneous monitoring of separate fetal magnetocardiographic signals in twin pregnancy. <i>Physiological Measurement</i> , 2005, 26, 193-201.	2.1	16
126	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> , 2006, 51, 1033-1046.	3.0	16

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127	Modulation of alpha power at encoding and retrieval tracks the precision of visual short-term memory. <i>Journal of Neurophysiology</i> , 2014, 112, 2939-2945.	1.8	16
128	Integrative Processing of Touch and Affect in Social Perception: An fMRI Study. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 209.	2.0	16
129	A new computational approach to estimate whole-brain effective connectivity from functional and structural MRI, applied to language development. <i>Scientific Reports</i> , 2019, 9, 8479.	3.3	16
130	Electrophysiological signatures of resting state networks predict cognitive deficits in stroke. <i>Cortex</i> , 2021, 138, 59-71.	2.4	16
131	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> , 2011, 32, 1056-1064.	2.4	15
132	Heart-Brain Interactions in the MR Environment: Characterization of the Ballistocardiogram in EEG Signals Collected During Simultaneous fMRI. <i>Brain Topography</i> , 2018, 31, 337-345.	1.8	15
133	A systematic review investigating the relationship of electroencephalography and magnetoencephalography measurements with sensorimotor upper limb impairments after stroke. <i>Journal of Neuroscience Methods</i> , 2019, 311, 318-330.	2.5	15
134	SPOT3D: Spatial positioning toolbox for head markers using 3D scans. <i>Scientific Reports</i> , 2019, 9, 12813.	3.3	15
135	Quality of sleep predicts increased frontoparietal network connectivity in patients with mild cognitive impairment. <i>Neurobiology of Aging</i> , 2020, 95, 205-213.	3.1	15
136	Multichannel mapping of fetal magnetocardiogram in an unshielded hospital setting. <i>Prenatal Diagnosis</i> , 2005, 25, 376-382.	2.3	14
137	The role of limbic structures in financial abilities of mild cognitive impairment patients. <i>NeuroImage: Clinical</i> , 2020, 26, 102222.	2.7	13
138	Hippocampal and striatal responses during motor learning are modulated by prefrontal cortex stimulation. <i>NeuroImage</i> , 2021, 237, 118158.	4.2	13
139	Selective TMS-induced modulation of functional connectivity correlates with changes in behavior. <i>NeuroImage</i> , 2017, 149, 361-378.	4.2	12
140	Generalizing post-stroke prognoses from research data to clinical data. <i>NeuroImage: Clinical</i> , 2019, 24, 102005.	2.7	12
141	Dopamine Transporter Genetic Reduction Induces Morpho-Functional Changes in the Enteric Nervous System. <i>Biomedicines</i> , 2021, 9, 465.	3.2	12
142	Effects of beta-band and gamma-band rhythmic stimulation on motor inhibition. <i>IScience</i> , 2022, 25, 104338.	4.1	12
143	Modulation of neural oscillations during working memory update, maintenance, and readout: An EEG study. <i>Human Brain Mapping</i> , 2021, 42, 1153-1166.	3.6	11
144	Edge Sparse Basis Network: A Deep Learning Framework for EEG Source Localization. , 2021, , .		11

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145	Conductivity Tensor Imaging of the Human Brain Using Water Mapping Techniques. <i>Frontiers in Neuroscience</i> , 2021, 15, 694645.	2.8	11
146	Yet another artefact rejection study: an exploration of cleaning methods for biological and neuromodulatory noise. <i>Journal of Neural Engineering</i> , 2021, 18, 0460c2.	3.5	11
147	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> , 2005, 84, 1175-1180.	2.8	10
148	Optimal filter design for shielded and unshielded ambient noise reduction in fetal magnetocardiography. <i>Physics in Medicine and Biology</i> , 2005, 50, 5509-5521.	3.0	10
149	Detection of Resting-State Functional Connectivity from High-Density Electroencephalography Data: Impact of Head Modeling Strategies. <i>Brain Sciences</i> , 2021, 11, 741.	2.3	10
150	Fronto-parietal homotopy in resting-state functional connectivity predicts task-switching performance. <i>Brain Structure and Function</i> , 2022, 227, 655-672.	2.3	10
151	Increased upper-limb sensory attenuation with age. <i>Journal of Neurophysiology</i> , 2022, 127, 474-492.	1.8	10
152	A method for the automatic reconstruction of fetal cardiac signals from magnetocardiographic recordings. <i>Physics in Medicine and Biology</i> , 2005, 50, 4763-4781.	3.0	9
153	Exploring influence of subliminal interoception on whole-brain functional network connectivity dynamics. , 2015, 2015, 670-4.		9
154	Source-reconstruction of the sensorimotor network from resting-state macaque electrocorticography. <i>NeuroImage</i> , 2018, 181, 347-358.	4.2	9
155	Prefronto-Striatal Structural Connectivity Mediates Adult Age Differences in Action Selection. <i>Journal of Neuroscience</i> , 2021, 41, 331-341.	3.6	9
156	Automatic detection of cardiac waves on fetal magnetocardiographic signals. <i>Physiological Measurement</i> , 2005, 26, 459-475.	2.1	8
157	Biological Characteristics of Connection-Wise Resting-State Functional Connectivity Strength. <i>Cerebral Cortex</i> , 2019, 29, 4646-4653.	2.9	8
158	A Role for the Action Observation Network in Apraxia After Stroke. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 422.	2.0	8
159	Reduced Modulation of Task-Related Connectivity Mediates Age-Related Declines in Bimanual Performance. <i>Cerebral Cortex</i> , 2020, 30, 4346-4360.	2.9	8
160	A computationally efficient method for the attenuation of alternating current stimulation artifacts in electroencephalographic recordings. <i>Journal of Neural Engineering</i> , 2020, 17, 046038.	3.5	8
161	Frequency-dependent modulation of neural oscillations across the gait cycle. <i>Human Brain Mapping</i> , 2022, 43, 3404-3415.	3.6	8
162	Pharmacological Functional MRI Assessment of the Effect of Ibuprofen-Arginine in Painful Conditions. <i>International Journal of Immunopathology and Pharmacology</i> , 2010, 23, 927-935.	2.1	7

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163	Effect of interoception on intra- and inter-network connectivity of human brain — An independent component analysis of fMRI data. , 2015, , .		7
164	Hierarchical subdivision and effect of ICA model dimensionality on the interoceptive task-derived brain networks. , 2016, , .		7
165	Pathological factors contributing to crossed cerebellar diaschisis in cerebral gliomas: a study combining perfusion, diffusion, and structural MR imaging. <i>Neuroradiology</i> , 2018, 60, 643-650.	2.2	7
166	A Spatial Registration Toolbox for Structural MR Imaging of the Aging Brain. <i>Neuroinformatics</i> , 2018, 16, 167-179.	2.8	7
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