

Matteo Mancini

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

1,297
citations

430754

18
h-index

414303

32
g-index

51
all docs

51
docs citations

51
times ranked

2653
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcranial magnetic stimulation of the precuneus enhances memory and neural activity in prodromal Alzheimer's disease. <i>NeuroImage</i> , 2018, 169, 302-311.	2.1	234
2	An interactive meta-analysis of MRI biomarkers of myelin. <i>ELife</i> , 2020, 9, .	2.8	99
3	Tractography dissection variability: What happens when 42 groups dissect 14 white matter bundles on the same dataset?. <i>NeuroImage</i> , 2021, 243, 118502.	2.1	94
4	Shared vulnerability for connectome alterations across psychiatric and neurological brain disorders. <i>Nature Human Behaviour</i> , 2019, 3, 988-998.	6.2	75
5	Association of Piriform Cortex Resection With Surgical Outcomes in Patients With Temporal Lobe Epilepsy. <i>JAMA Neurology</i> , 2019, 76, 690.	4.5	69
6	Dynamic reorganization of TMS-evoked activity in subcortical stroke patients. <i>NeuroImage</i> , 2018, 175, 365-378.	2.1	52
7	<scp>Mega-analysis</scp> methods in <scp>ENIGMA</scp>: The experience of the generalized anxiety disorder working group. <i>Human Brain Mapping</i> , 2022, 43, 255-277.	1.9	51
8	Network-Based Substrate of Cognitive Reserve in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2016, 55, 421-430.	1.2	50
9	â€œI Know that You Know that I Knowâ€ Neural Substrates Associated with Social Cognition Deficits in DM1 Patients. <i>PLoS ONE</i> , 2016, 11, e0156901.	1.1	50
10	Assessing cortical synchronization during transcranial direct current stimulation: A graph-theoretical analysis. <i>NeuroImage</i> , 2016, 140, 57-65.	2.1	41
11	A Pilot Study on Brain Plasticity of Functional Connectivity Modulated by Cognitive Training in Mild Alzheimer's Disease and Mild Cognitive Impairment. <i>Brain Sciences</i> , 2017, 7, 50.	1.1	37
12	Cortical thickness and resting-state cardiac function across the lifespan: A cross-sectional pooled mega-analysis. <i>Psychophysiology</i> , 2021, 58, e13688.	1.2	33
13	Introducing axonal myelination in connectomics: A preliminary analysis of g-ratio distribution in healthy subjects. <i>NeuroImage</i> , 2018, 182, 351-359.	2.1	32
14	<scp>ENIGMA-anxiety</scp> working group: Rationale for and organization of <scp>large-scale</scp> neuroimaging studies of anxiety disorders. <i>Human Brain Mapping</i> , 2022, 43, 83-112.	1.9	31
15	Brain Connectomics Modification to Clarify Motor and Nonmotor Features of Myotonic Dystrophy Type 1. <i>Neural Plasticity</i> , 2016, 2016, 1-10.	1.0	28
16	Brainhack: Developing a culture of open, inclusive, community-driven neuroscience. <i>Neuron</i> , 2021, 109, 1769-1775.	3.8	27
17	Disruption of brainstem monoaminergic fibre tracts in multiple sclerosis as a putative mechanism for cognitive fatigue: a fixel-based analysis. <i>NeuroImage: Clinical</i> , 2021, 30, 102587.	1.4	26
18	Theta Burst Stimulation of the Precuneus Modulates Resting State Connectivity in the Left Temporal Pole. <i>Brain Topography</i> , 2017, 30, 312-319.	0.8	24

#	ARTICLE	IF	CITATIONS
19	Cortical morphometric predictors of autonomic dysfunction in generalized anxiety disorder. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2019, 217, 41-48.	1.4	24
20	Cortical and subcortical brain structure in generalized anxiety disorder: findings from 28 research sites in the ENIGMA-Anxiety Working Group. <i>Translational Psychiatry</i> , 2021, 11, 502.	2.4	24
21	A multimodal computational pipeline for 3D histology of the human brain. <i>Scientific Reports</i> , 2020, 10, 13839.	1.6	21
22	Automated fiber tract reconstruction for surgery planning: Extensive validation in language-related white matter tracts. <i>NeuroImage: Clinical</i> , 2019, 23, 101883.	1.4	19
23	Network abnormalities in generalized anxiety pervade beyond the amygdala-pre-frontal cortex circuit: Insights from graph theory. <i>Psychiatry Research - Neuroimaging</i> , 2018, 281, 107-116.	0.9	17
24	The R1-weighted connectome: complementing brain networks with a myelin-sensitive measure. <i>Network Neuroscience</i> , 2021, 5, 358-372.	1.4	17
25	Fear processing is differentially affected by lateralized stimulation of carotid baroreceptors. <i>Cortex</i> , 2018, 99, 200-212.	1.1	17
26	Centering inclusivity in the design of online conferences – An OHBM – Open Science perspective. <i>GigaScience</i> , 2021, 10, .	3.3	14
27	Automatic artifact suppression in simultaneous tDCS-EEG using adaptive filtering. , 2015, 2015, 2729-32.		12
28	Network attack simulations in Alzheimer's disease: The link between network tolerance and neurodegeneration. , 2016, , .		10
29	The Myelin-Weighted Connectome in Parkinson's Disease. <i>Movement Disorders</i> , 2022, 37, 724-733.	2.2	10
30	Behavioral psychological symptoms of dementia and functional connectivity changes: a network-based study. <i>Neurobiology of Aging</i> , 2020, 94, 196-206.	1.5	9
31	Synth-by-Reg (SbR): Contrastive Learning for Synthesis-Based Registration of Paired Images. <i>Lecture Notes in Computer Science</i> , 2021, 12965, 44-54.	1.0	6
32	Dissecting whole-brain conduction delays through MRI microstructural measures. <i>Brain Structure and Function</i> , 2021, 226, 2651-2663.	1.2	6
33	Currents induced by fast movements inside the MRI room may cause inhibition in an implanted pacemaker. , 2014, 2014, 890-3.		4
34	Wrong detection of ventricular fibrillation in an implantable cardioverter defibrillator caused by the movement near the MRI scanner bore. , 2015, 2015, 7200-3.		4
35	In vivo evidence of functional disconnection between brainstem monoaminergic nuclei and brain networks in multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2021, 56, 103224.	0.9	4
36	A Machine Learning Approach to Predict Instrument Bending in Stereotactic Neurosurgery. <i>Lecture Notes in Computer Science</i> , 2018, , 238-246.	1.0	3

#	ARTICLE	IF	CITATIONS
37	Hierarchical Joint Registration of Tissue Blocks With Soft Shape Constraints For Large-Scale Histology of The Human Brain. , 2019, , .		3
38	Estimating multimodal brain connectivity in multiple sclerosis: An exploratory factor analysis. , 2016, 2016, 1131-1134.		2
39	Network Models in Neuroimaging: A Survey of Multimodal Applications. Fundamenta Informaticae, 2018, 163, 63-91.	0.3	1
40	An interactive meta-analysis of MRI biomarkers of myelin. , 2022, 1, 4.		1
41	Modeling heart beat dynamics and fMRI signals during carotid stimulation by neck suction. , 2014, 2014, 6647-50.		0
42	Functional connectivity during autonomic stimulation estimated using spectral coherence of fMRI signals. , 2015, , .		0
43	Synthesis for image analysis across modalities. , 2022, , 195-216.		0