Matteo Mancini

List of Publications by Year in descending order

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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	<scp>ENIGMAâ€anxiety</scp>working group: Rationale for and organization of<scp>largeâ€scale</scp>neuroimaging studies of anxiety disorders. Human Brain Mapping, 2022, 43, 83-112.	1.9	31
2	<scp>Megaâ€analysis</scp> methods in <scp>ENIGMA</scp>: The experience of the generalized anxiety disorder working group. Human Brain Mapping, 2022, 43, 255-277.	1.9	51
3	The Myelinâ€Weighted Connectome in Parkinson's Disease. Movement Disorders, 2022, 37, 724-733.	2.2	10
4	An interactive meta-analysis of MRI biomarkers of myelin. , 2022, 1, 4.		1
5	Synthesis for image analysis across modalities. , 2022, , 195-216.		0
6	Cortical thickness and restingâ€state cardiac function across the lifespan: A crossâ€sectional pooled megaâ€analysis. Psychophysiology, 2021, 58, e13688.	1.2	33
7	Synth-by-Reg (SbR): Contrastive Learning for Synthesis-Based Registration of Paired Images. Lecture Notes in Computer Science, 2021, 12965, 44-54.	1.0	6
8	Disruption of brainstem monoaminergic fibre tracts in multiple sclerosis as a putative mechanism for cognitive fatigue: a fixel-based analysis. NeuroImage: Clinical, 2021, 30, 102587.	1.4	26
9	Brainhack: Developing a culture of open, inclusive, community-driven neuroscience. Neuron, 2021, 109, 1769-1775.	3.8	27
10	Centering inclusivity in the design of online conferencesâ€”An OHBMâ€“Open Science perspective. GigaScience, 2021, 10, .	3.3	14
11	Dissecting whole-brain conduction delays through MRI microstructural measures. Brain Structure and Function, 2021, 226, 2651-2663.	1.2	6
12	Cortical and subcortical brain structure in generalized anxiety disorder: findings from 28 research sites in the ENIGMA-Anxiety Working Group. Translational Psychiatry, 2021, 11, 502.	2.4	24
13	In vivo evidence of functional disconnection between brainstem monoaminergic nuclei and brain networks in multiple sclerosis. Multiple Sclerosis and Related Disorders, 2021, 56, 103224.	0.9	4
14	Tractography dissection variability: What happens when 42 groups dissect 14 white matter bundles on the same dataset?. NeuroImage, 2021, 243, 118502.	2.1	94
15	The R1-weighted connectome: complementing brain networks with a myelin-sensitive measure. Network Neuroscience, 2021, 5, 358-372.	1.4	17
16	A multimodal computational pipeline for 3D histology of the human brain. Scientific Reports, 2020, 10, 13839.	1.6	21
17	Behavioral psychological symptoms of dementia and functional connectivity changes: a network-based study. Neurobiology of Aging, 2020, 94, 196-206.	1.5	9
18	An interactive meta-analysis of MRI biomarkers of myelin. ELife, 2020, 9, .	2.8	99

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19	Shared vulnerability for connectome alterations across psychiatric and neurological brain disorders. Nature Human Behaviour, 2019, 3, 988-998.	6.2	75
20	Hierarchical Joint Registration of Tissue Blocks With Soft Shape Constraints For Large-Scale Histology of The Human Brain. , 2019, , .		3
21	Automated fiber tract reconstruction for surgery planning: Extensive validation in language-related white matter tracts. NeuroImage: Clinical, 2019, 23, 101883.	1.4	19
22	Association of Piriform Cortex Resection With Surgical Outcomes in Patients With Temporal Lobe Epilepsy. JAMA Neurology, 2019, 76, 690.	4.5	69
23	Cortical morphometric predictors of autonomic dysfunction in generalized anxiety disorder. Autonomic Neuroscience: Basic and Clinical, 2019, 217, 41-48.	1.4	24
24	Dynamic reorganization of TMS-evoked activity in subcortical stroke patients. NeuroImage, 2018, 175, 365-378.	2.1	52
25	Transcranial magnetic stimulation of the precuneus enhances memory and neural activity in prodromal Alzheimer's disease. NeuroImage, 2018, 169, 302-311.	2.1	234
26	Introducing axonal myelination in connectomics: A preliminary analysis of g-ratio distribution in healthy subjects. NeuroImage, 2018, 182, 351-359.	2.1	32
27	Network abnormalities in generalized anxiety pervade beyond the amygdala-pre-frontal cortex circuit: Insights from graph theory. Psychiatry Research - Neuroimaging, 2018, 281, 107-116.	0.9	17
28	Network Models in Neuroimaging: A Survey of Multimodal Applications. Fundamenta Informaticae, 2018, 163, 63-91.	0.3	1
29	A Machine Learning Approach to Predict Instrument Bending in Stereotactic Neurosurgery. Lecture Notes in Computer Science, 2018, , 238-246.	1.0	3
30	Fear processing is differentially affected by lateralized stimulation of carotid baroreceptors. Cortex, 2018, 99, 200-212.	1.1	17
31	Theta Burst Stimulation of the Precuneus Modulates Resting State Connectivity in the Left Temporal Pole. Brain Topography, 2017, 30, 312-319.	0.8	24
32	A Pilot Study on Brain Plasticity of Functional Connectivity Modulated by Cognitive Training in Mild Alzheimerâ€™s Disease and Mild Cognitive Impairment. Brain Sciences, 2017, 7, 50.	1.1	37
33	Brain Connectomicsâ€™ Modification to Clarify Motor and Nonmotor Features of Myotonic Dystrophy Type 1. Neural Plasticity, 2016, 2016, 1-10.	1.0	28
34	Network attack simulations in Alzheimer's disease: The link between network tolerance and neurodegeneration. , 2016, , .		10
35	Network-Based Substrate of Cognitive Reserve in Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2016, 55, 421-430.	1.2	50
36	Estimating multimodal brain connectivity in multiple sclerosis: An exploratory factor analysis. , 2016, 2016, 1131-1134.		2

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37	Assessing cortical synchronization during transcranial direct current stimulation: A graph-theoretical analysis. NeuroImage, 2016, 140, 57-65.	2.1	41
38	â€œI Know that You Know that I Knowâ€¦ Neural Substrates Associated with Social Cognition Deficits in DM1 Patients. PLoS ONE, 2016, 11, e0156901.	1.1	50
39	Functional connectivity during autonomic stimulation estimated using spectral coherence of fMRI signals. , 2015, , .		0
40	Automatic artifact suppression in simultaneous tDCS-EEG using adaptive filtering. , 2015, 2015, 2729-32.		12
41	Wrong detection of ventricular fibrillation in an implantable cardioverter defibrillator caused by the movement near the MRI scanner bore. , 2015, 2015, 7200-3.		4
42	Currents induced by fast movements inside the MRI room may cause inhibition in an implanted pacemaker. , 2014, 2014, 890-3.		4
43	Modeling heart beat dynamics and fMRI signals during carotid stimulation by neck suction. , 2014, 2014, 6647-50.		0