

Maria Giulia Preti

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,960
citations

516710

16
h-index

477307

29
g-index

47
all docs

47
docs citations

47
times ranked

2965
citing authors

#	ARTICLE	IF	CITATIONS
1	The dynamic functional connectome: State-of-the-art and perspectives. <i>NeuroImage</i> , 2017, 160, 41-54.	4.2	1,061
2	Decoupling of brain function from structure reveals regional behavioral specialization in humans. <i>Nature Communications</i> , 2019, 10, 4747.	12.8	163
3	Tapping into Multi-Faceted Human Behavior and Psychopathology Using fMRI Brain Dynamics. <i>Trends in Neurosciences</i> , 2020, 43, 667-680.	8.6	63
4	When makes you unique: Temporality of the human brain fingerprint. <i>Science Advances</i> , 2021, 7, eabj0751.	10.3	54
5	Prediction of long-term memory scores in MCI based on resting-state fMRI. <i>NeuroImage: Clinical</i> , 2016, 12, 785-795.	2.7	53
6	Dynamic reorganization of intrinsic functional networks in the mouse brain. <i>NeuroImage</i> , 2017, 152, 497-508.	4.2	48
7	Outcome Prediction of Consciousness Disorders in the Acute Stage Based on a Complementary Motor Behavioural Tool. <i>PLoS ONE</i> , 2016, 11, e0156882.	2.5	47
8	Assessing Corpus Callosum Changes in Alzheimer's Disease: Comparison between Tract-Based Spatial Statistics and Atlas-Based Tractography. <i>PLoS ONE</i> , 2012, 7, e35856.	2.5	43
9	Multistimulation Group Therapy in Alzheimer's Disease Promotes Changes in Brain Functioning. <i>Neurorehabilitation and Neural Repair</i> , 2015, 29, 13-24.	2.9	37
10	Brain structure-function coupling provides signatures for task decoding and individual fingerprinting. <i>NeuroImage</i> , 2022, 250, 118970.	4.2	37
11	Classification of degenerative parkinsonism subtypes by support-vector-machine analysis and striatal 123I-FP-CIT indices. <i>Journal of Neurology</i> , 2019, 266, 1771-1781.	3.6	35
12	Dynamics of functional connectivity at high spatial resolution reveal long-range interactions and fine-scale organization. <i>Scientific Reports</i> , 2017, 7, 12773.	3.3	32
13	In vivo DTI tractography of the rat brain: an atlas of the main tracts in Paxinos space with histological comparison. <i>Magnetic Resonance Imaging</i> , 2015, 33, 296-303.	1.8	27
14	Neuroinflammation and Brain Functional Disconnection in Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2013, 5, 81.	3.4	25
15	Dynamics of amygdala connectivity in bipolar disorders: a longitudinal study across mood states. <i>Neuropsychopharmacology</i> , 2021, 46, 1693-1701.	5.4	25
16	When Slepian Meets Fiedler: Putting a Focus on the Graph Spectrum. <i>IEEE Signal Processing Letters</i> , 2017, 24, 1001-1004.	3.6	23
17	Inter-hemispherical asymmetry in default-mode functional connectivity and BAIAP2 gene are associated with anger expression in ADHD adults. <i>Psychiatry Research - Neuroimaging</i> , 2017, 269, 54-61.	1.8	16
18	Generative Adversarial Networks Improve the Reproducibility and Discriminative Power of Radiomic Features. <i>Radiology: Artificial Intelligence</i> , 2020, 2, e190035.	5.8	16

#	ARTICLE	IF	CITATIONS
19	Cigarette smoking leads to persistent and dose-dependent alterations of brain activity and connectivity in anterior insula and anterior cingulate. <i>Addiction Biology</i> , 2015, 20, 1033-1041.	2.6	15
20	A Novel Approach of Groupwise fMRI-Guided Tractography Allowing to Characterize the Clinical Evolution of Alzheimer's Disease. <i>PLoS ONE</i> , 2014, 9, e92026.	2.5	15
21	Transcranial Ultrasound and Magnetic Resonance Image Fusion With Virtual Navigator. <i>IEEE Transactions on Multimedia</i> , 2013, 15, 1039-1048.	7.2	14
22	Epileptic network activity revealed by dynamic functional connectivity in simultaneous EEG-fMRI. , 2014, , .		14
23	Determinants of Disability in Multiple Sclerosis: An Immunological and MRI Study. <i>BioMed Research International</i> , 2014, 2014, 1-8.	1.9	13
24	Guided graph spectral embedding: Application to the <i>C. elegans</i> connectome. <i>Network Neuroscience</i> , 2019, 3, 807-826.	2.6	11
25	Signal-to-noise ratio of diffusion weighted magnetic resonance imaging: Estimation methods and in vivo application to spinal cord. <i>Biomedical Signal Processing and Control</i> , 2012, 7, 285-294.	5.7	10
26	Comparison between skeleton-based and atlas-based approach in the assessment of corpus callosum damages in Mild Cognitive Impairment and Alzheimer Disease. , 2011, 2011, 7808-11.		8
27	Eigenmaps of dynamic functional connectivity: Voxel-level dominant patterns through eigenvector centrality. , 2016, , .		7
28	Atlas-Based Versus Individual-Based Fiber Tracking of the Corpus Callosum in Patients with Multiple Sclerosis: Reliability and Clinical Correlations. <i>Journal of Neuroimaging</i> , 2012, 22, 355-364.	2.0	6
29	Combined DTI-fMRI Analysis for a Quantitative Assessment of Connections Between WM Bundles and Their Peripheral Cortical Fields in Verbal Fluency. <i>Brain Topography</i> , 2016, 29, 814-823.	1.8	6
30	Influence of Vascular Variant of the Posterior Cerebral Artery (PCA) on Cerebral Blood Flow, Vascular Response to CO2 and Static Functional Connectivity. <i>PLoS ONE</i> , 2016, 11, e0161121.	2.5	4
31	Augmented Slepians: Bandlimited Functions That Counterbalance Energy in Selected Intervals. <i>IEEE Transactions on Signal Processing</i> , 2018, 66, 4013-4024.	5.3	4
32	Altered anterior default mode network dynamics in progressive multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2022, 28, 206-216.	3.0	4
33	Tractographic reconstruction protocol optimization in the rat brain in-vivo: Towards a normal atlas. , 2011, 2011, 8467-70.		3
34	A novel approach of fMRI-guided tractography analysis within a group: Construction of an fMRI-guided tractographic atlas. , 2012, 2012, 2283-6.		3
35	Decomposing dynamic functional connectivity onto phase-dependent eigenconnectivities using the Hilbert transform. , 2015, , .		3
36	Guiding network analysis using graph slepian: an illustration for the C. Elegans connectome. , 2017, , .		3

#	ARTICLE	IF	CITATIONS
37	Predicting individual scores from resting state fMRI using partial least squares regression. , 2016, , .		1
38	Fine-scale patterns driving dynamic functional connectivity provide meaningful brain parcellations. , 2017, , .		1
39	Graph slepians to probe into large-scale network organization of resting-state functional connectivity. , 2017, , .		1
40	Structure-function dependencies as informative features for brain decoding and fingerprinting. , 2021, , .		1
41	CSF tap test in idiopathic normal pressure hydrocephalus: still a necessary prognostic test?. Journal of Neurology, 0, , .	3.6	0