

# Maria Giulia Preti

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

1,960  
citations

516215

16  
h-index

476904

29  
g-index

47  
all docs

47  
docs citations

47  
times ranked

2965  
citing authors

#	ARTICLE	IF	CITATIONS
1	Altered anterior default mode network dynamics in progressive multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2022, 28, 206-216.	1.4	4
2	Brain structure-function coupling provides signatures for task decoding and individual fingerprinting. <i>NeuroImage</i> , 2022, 250, 118970.	2.1	37
3	Dynamics of amygdala connectivity in bipolar disorders: a longitudinal study across mood states. <i>Neuropsychopharmacology</i> , 2021, 46, 1693-1701.	2.8	25
4	When makes you unique: Temporality of the human brain fingerprint. <i>Science Advances</i> , 2021, 7, eabj0751.	4.7	54
5	Structure-function dependencies as informative features for brain decoding and fingerprinting. , 2021, , .		1
6	Tapping into Multi-Faceted Human Behavior and Psychopathology Using fMRI Brain Dynamics. <i>Trends in Neurosciences</i> , 2020, 43, 667-680.	4.2	63
7	Generative Adversarial Networks Improve the Reproducibility and Discriminative Power of Radiomic Features. <i>Radiology: Artificial Intelligence</i> , 2020, 2, e190035.	3.0	16
8	Decoupling of brain function from structure reveals regional behavioral specialization in humans. <i>Nature Communications</i> , 2019, 10, 4747.	5.8	163
9	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.	1.8	35
10	Guided graph spectral embedding: Application to the <i>C. elegans</i> connectome. <i>Network Neuroscience</i> , 2019, 3, 807-826.	1.4	11
11	Augmented Slepian: Bandlimited Functions That Counterbalance Energy in Selected Intervals. <i>IEEE Transactions on Signal Processing</i> , 2018, 66, 4013-4024.	3.2	4
12	When Slepian Meets Fiedler: Putting a Focus on the Graph Spectrum. <i>IEEE Signal Processing Letters</i> , 2017, 24, 1001-1004.	2.1	23
13	Dynamic reorganization of intrinsic functional networks in the mouse brain. <i>NeuroImage</i> , 2017, 152, 497-508.	2.1	48
14	The dynamic functional connectome: State-of-the-art and perspectives. <i>NeuroImage</i> , 2017, 160, 41-54.	2.1	1,061
15	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.	0.9	16
16	Dynamics of functional connectivity at high spatial resolution reveal long-range interactions and fine-scale organization. <i>Scientific Reports</i> , 2017, 7, 12773.	1.6	32
17	Fine-scale patterns driving dynamic functional connectivity provide meaningful brain parcellations. , 2017, , .		1
18	Graph slepian to probe into large-scale network organization of resting-state functional connectivity. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
19	Guiding network analysis using graph slepians: an illustration for the C. Elegans connectome. , 2017, , .		3
20	Outcome Prediction of Consciousness Disorders in the Acute Stage Based on a Complementary Motor Behavioural Tool. PLoS ONE, 2016, 11, e0156882.	1.1	47
21	Influence of Vascular Variant of the Posterior Cerebral Artery (PCA) on Cerebral Blood Flow, Vascular Response to CO2 and Static Functional Connectivity. PLoS ONE, 2016, 11, e0161121.	1.1	4
22	Eigenmaps of dynamic functional connectivity: Voxel-level dominant patterns through eigenvector centrality. , 2016, , .		7
23	Predicting individual scores from resting state fMRI using partial least squares regression. , 2016, , .		1
24	Combined DTIâ€“fMRI Analysis for a Quantitative Assessment of Connections Between WM Bundles and Their Peripheral Cortical Fields in Verbal Fluency. Brain Topography, 2016, 29, 814-823.	0.8	6
25	Prediction of long-term memory scores in MCI based on resting-state fMRI. NeuroImage: Clinical, 2016, 12, 785-795.	1.4	53
26	Cigarette smoking leads to persistent and dose-dependent alterations of brain activity and connectivity in anterior insula and anterior cingulate. Addiction Biology, 2015, 20, 1033-1041.	1.4	15
27	In vivo DTI tractography of the rat brain: an atlas of the main tracts in Paxinos space with histological comparison. Magnetic Resonance Imaging, 2015, 33, 296-303.	1.0	27
28	Decomposing dynamic functional connectivity onto phase-dependent eigenconnectivities using the Hilbert transform. , 2015, , .		3
29	Multistimulation Group Therapy in Alzheimerâ€™s Disease Promotes Changes in Brain Functioning. Neurorehabilitation and Neural Repair, 2015, 29, 13-24.	1.4	37
30	Determinants of Disability in Multiple Sclerosis: An Immunological and MRI Study. BioMed Research International, 2014, 2014, 1-8.	0.9	13
31	Epileptic network activity revealed by dynamic functional connectivity in simultaneous EEG-fMRI. , 2014, , .		14
32	A Novel Approach of Groupwise fMRI-Guided Tractography Allowing to Characterize the Clinical Evolution of Alzheimer's Disease. PLoS ONE, 2014, 9, e92026.	1.1	15
33	Transcranial Ultrasound and Magnetic Resonance Image Fusion With Virtual Navigator. IEEE Transactions on Multimedia, 2013, 15, 1039-1048.	5.2	14
34	Neuroinflammation and Brain Functional Disconnection in Alzheimerâ€™s Disease. Frontiers in Aging Neuroscience, 2013, 5, 81.	1.7	25
35	A novel approach of fMRI-guided tractography analysis within a group: Construction of an fMRI-guided tractographic atlas. , 2012, 2012, 2283-6.		3
36	Assessing Corpus Callosum Changes in Alzheimer's Disease: Comparison between Tract-Based Spatial Statistics and Atlas-Based Tractography. PLoS ONE, 2012, 7, e35856.	1.1	43

#	ARTICLE	IF	CITATIONS
37	Signal-to-noise ratio of diffusion weighted magnetic resonance imaging: Estimation methods and in vivo application to spinal cord. Biomedical Signal Processing and Control, 2012, 7, 285-294.	3.5	10
38	Atlas-Based Versus Individual-Based Fiber Tracking of the Corpus Callosum in Patients with Multiple Sclerosis: Reliability and Clinical Correlations. Journal of Neuroimaging, 2012, 22, 355-364.	1.0	6
39	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
40	Tractographic reconstruction protocol optimization in the rat brain in-vivo: Towards a normal atlas. , 2011, 2011, 8467-70.		3
41	CSF tap test in idiopathic normal pressure hydrocephalus: still a necessary prognostic test?. Journal of Neurology, 0, , .	1.8	0