

Joaquã-n Goã±i

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

5,430
citations

172457

29
h-index

110387

64
g-index

71
all docs

71
docs citations

71
times ranked

6990
citing authors

#	ARTICLE	IF	CITATIONS
1	A morphospace of functional configuration to assess configural breadth based on brain functional networks. <i>Network Neuroscience</i> , 2021, 5, 666-688.	2.6	5
2	Connectivity-informed adaptive regularization for generalized outcomes. <i>Canadian Journal of Statistics</i> , 2021, 49, 203-227.	0.9	1
3	Optimizing differential identifiability improves connectome predictive modeling of cognitive deficits from functional connectivity in Alzheimer's disease. <i>Human Brain Mapping</i> , 2021, 42, 3500-3516.	3.6	18
4	Toward an information theoretical description of communication in brain networks. <i>Network Neuroscience</i> , 2021, 5, 1-20.	2.6	15
5	Geodesic Distance on Optimally Regularized Functional Connectomes Uncovers Individual Fingerprints. <i>Brain Connectivity</i> , 2021, 11, 333-348.	1.7	15
6	A Structural Connectivity Disruption One Decade before the Typical Age for Dementia: A Study in Healthy Subjects with Family History of Alzheimer's Disease. <i>Cerebral Cortex Communications</i> , 2021, 2, tgab051.	1.6	3
7	Improving Functional Connectome Fingerprinting with Degree-Normalization. <i>Brain Connectivity</i> , 2021, , .	1.7	1
8	Modeling Communication Processes in the Human Connectome through Cooperative Learning. <i>IEEE Transactions on Network Science and Engineering</i> , 2020, 7, 476-488.	6.4	11
9	The disengaging brain: Dynamic transitions from cognitive engagement and alcoholism risk. <i>NeuroImage</i> , 2020, 209, 116515.	4.2	16
10	Brain-wide structural connectivity alterations under the control of Alzheimer risk genes. <i>International Journal of Computational Biology and Drug Design</i> , 2020, 13, 58.	0.3	6
11	GEFF: Graph embedding for functional fingerprinting. <i>NeuroImage</i> , 2020, 221, 117181.	4.2	28
12	Multi-timescale hybrid components of the functional brain connectome: A bimodal EEG-fMRI decomposition. <i>Network Neuroscience</i> , 2020, 4, 658-677.	2.6	15
13	Uncovering differential identifiability in network properties of human brain functional connectomes. <i>Network Neuroscience</i> , 2020, 4, 698-713.	2.6	15
14	Functional network connectivity in early-stage schizophrenia. <i>Schizophrenia Research</i> , 2020, 218, 107-115.	2.0	31
15	Brain-wide structural connectivity alterations under the control of Alzheimer risk genes. <i>International Journal of Computational Biology and Drug Design</i> , 2020, 13, 58.	0.3	7
16	Semiparametric Estimation of Task-Based Dynamic Functional Connectivity on the Population Level. <i>Frontiers in Neuroscience</i> , 2019, 13, 583.	2.8	2
17	Uncovering multi-site identifiability based on resting-state functional connectomes. <i>NeuroImage</i> , 2019, 202, 115967.	4.2	41
18	Resting state network modularity along the prodromal late onset Alzheimer's disease continuum. <i>NeuroImage: Clinical</i> , 2019, 22, 101687.	2.7	51

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19	Centralized and distributed cognitive task processing in the human connectome. <i>Network Neuroscience</i> , 2019, 3, 455-474.	2.6	30
20	Aberrations of anterior insular cortex functional connectivity in nontreatment-seeking alcoholics. <i>Psychiatry Research - Neuroimaging</i> , 2019, 284, 21-28.	1.8	25
21	Brain Connectivity-Informed Regularization Methods for Regression. <i>Statistics in Biosciences</i> , 2019, 11, 47-90.	1.2	7
22	Differences in White Matter Microstructure and Connectivity in Nontreatment-Seeking Individuals with Alcohol Use Disorder. <i>Alcoholism: Clinical and Experimental Research</i> , 2018, 42, 889-896.	2.4	12
23	Positive Connectivity Predicts the Dynamic Intrinsic Topology of the Human Brain Network. <i>Frontiers in Systems Neuroscience</i> , 2018, 12, 38.	2.5	22
24	Mapping hybrid functional-structural connectivity traits in the human connectome. <i>Network Neuroscience</i> , 2018, 2, 306-322.	2.6	58
25	The quest for identifiability in human functional connectomes. <i>Scientific Reports</i> , 2018, 8, 8254.	3.3	184
26	Mapping higher-order relations between brain structure and function with embedded vector representations of connectomes. <i>Nature Communications</i> , 2018, 9, 2178.	12.8	95
27	Joint exploration and mining of memory-relevant brain anatomic and connectomic patterns via a three-way association model. , 2018, 2018, 6-9.		4
28	Heritability Estimation of Reliable Connectomic Features. <i>Lecture Notes in Computer Science</i> , 2018, 11083, 58-66.	1.3	8
29	Path ensembles and a tradeoff between communication efficiency and resilience in the human connectome. <i>Brain Structure and Function</i> , 2017, 222, 603-618.	2.3	77
30	Mapping the functional connectome traits of levels of consciousness. <i>NeuroImage</i> , 2017, 148, 201-211.	4.2	109
31	Cognitive complaints in older adults at risk for Alzheimer's disease are associated with altered resting-state networks. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2017, 6, 40-49.	2.4	52
32	Brain explorer for connectomic analysis. <i>Brain Informatics</i> , 2017, 4, 253-269.	3.0	4
33	Editorial: On the relation of dynamics and structure in brain networks. <i>Chaos</i> , 2017, 27, 047201.	2.5	12
34	IC-03-03: Cognitive Complaints in Older Adults at Risk For Alzheimer's Disease are Associated with Altered Resting State Networks. , 2016, 12, P10-P11.		2
35	Generative models of the human connectome. <i>NeuroImage</i> , 2016, 124, 1054-1064.	4.2	259
36	P3-134: Association of eye disease with increased diffusivity in the sagittal stratum. , 2015, 11, P675-P675.		0

#	ARTICLE	IF	CITATIONS
37	IC-P-036: Association of eye disease with increased diffusivity in the sagittal stratum. , 2015, 11, P33-P33.		0
38	The Structural and Functional Connectome and Prediction of Risk for Cognitive Impairment in Older Adults. Current Behavioral Neuroscience Reports, 2015, 2, 234-245.	1.3	41
39	Dopaminergic modulation of the trade-off between probability and time in economic decision-making. European Neuropsychopharmacology, 2015, 25, 817-827.	0.7	19
40	Cooperative and Competitive Spreading Dynamics on the Human Connectome. Neuron, 2015, 86, 1518-1529.	8.1	309
41	Nodal centrality of functional network in the differentiation of schizophrenia. Schizophrenia Research, 2015, 168, 345-352.	2.0	57
42	Age gene expression and coexpression progressive signatures in peripheral blood leukocytes. Experimental Gerontology, 2015, 72, 50-56.	2.8	14
43	Integrated Visualization of Human Brain Connectome Data. Lecture Notes in Computer Science, 2015, 9250, 295-305.	1.3	4
44	Multi-scale integration and predictability in resting state brain activity. Frontiers in Neuroinformatics, 2014, 8, 66.	2.5	11
45	Using Pareto optimality to explore the topology and dynamics of the human connectome. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20130530.	4.0	50
46	A Network Convergence Zone in the Hippocampus. PLoS Computational Biology, 2014, 10, e1003982.	3.2	89
47	Resting-brain functional connectivity predicted by analytic measures of network communication. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 833-838.	7.1	530
48	Changes in structural and functional connectivity among resting-state networks across the human lifespan. NeuroImage, 2014, 102, 345-357.	4.2	696
49	On the origins of hierarchy in complex networks. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 13316-13321.	7.1	125
50	Robust estimation of fractal measures for characterizing the structural complexity of the human brain: Optimization and reproducibility. NeuroImage, 2013, 83, 646-657.	4.2	32
51	Abnormal Rich Club Organization and Functional Brain Dynamics in Schizophrenia. JAMA Psychiatry, 2013, 70, 783.	11.0	594
52	Selective Brain Gray Matter Atrophy Associated with APOE ϵ 4 and MAPT H1 in Subjects with Mild Cognitive Impairment. Journal of Alzheimer's Disease, 2013, 33, 1009-1019.	2.6	18
53	Multi-scale community organization of the human structural connectome and its relationship with resting-state functional connectivity. Network Science, 2013, 1, 353-373.	1.0	104
54	Exploring the Morphospace of Communication Efficiency in Complex Networks. PLoS ONE, 2013, 8, e58070.	2.5	131

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55	Predicting Relapsing-Remitting Dynamics in Multiple Sclerosis Using Discrete Distribution Models: A Population Approach. PLoS ONE, 2013, 8, e73361.	2.5	10
56	High-cost, high-capacity backbone for global brain communication. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 11372-11377.	7.1	686
57	Lexical access changes in patients with multiple sclerosis: A two-year follow-up study. Journal of Clinical and Experimental Neuropsychology, 2011, 33, 169-175.	1.3	40
58	The Neural Substrate and Functional Integration of Uncertainty in Decision Making: An Information Theory Approach. PLoS ONE, 2011, 6, e17408.	2.5	22
59	The semantic organization of the animal category: evidence from semantic verbal fluency and network theory. Cognitive Processing, 2011, 12, 183-196.	1.4	87
60	A New Kinetic Framework for Synaptic Vesicle Trafficking Tested in Synapsin Knock-Outs. Journal of Neuroscience, 2011, 31, 11563-11577.	3.6	31
61	SWITCHER-RANDOM-WALKS: A COGNITIVE-INSPIRED MECHANISM FOR NETWORK EXPLORATION. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2010, 20, 913-922.	1.7	23
62	Topological reversibility and causality in feed-forward networks. New Journal of Physics, 2010, 12, 113051.	2.9	6
63	Allele-Specific Gene Expression Is Widespread Across the Genome and Biological Processes. PLoS ONE, 2009, 4, e4150.	2.5	44
64	Contribution of White Matter Lesions to Gray Matter Atrophy in Multiple Sclerosis. Archives of Neurology, 2009, 66, 173-9.	4.5	94
65	Fractal dimension analysis of grey matter in multiple sclerosis. Journal of the Neurological Sciences, 2009, 282, 67-71.	0.6	83
66	Brain pathways of verbal working memory. NeuroImage, 2009, 47, 773-778.	4.2	45
67	HLA-DR2 and White Matter Lesion Distribution in MS. Journal of Neuroimaging, 2008, 18, 328-331.	2.0	6
68	Mapping the brain pathways of declarative verbal memory: Evidence from white matter lesions in the living human brain. NeuroImage, 2008, 42, 1237-1243.	4.2	82
69	Fractal dimension and white matter changes in multiple sclerosis. NeuroImage, 2007, 36, 543-549.	4.2	102