

Joshua Faskowitz

List of Publications by Year in descending order

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51
papers

2,942
citations

394421

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330143

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docs citations

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times ranked

5193
citing authors

#	ARTICLE	IF	CITATIONS
1	Cortical Brain Abnormalities in 4474 Individuals With Schizophrenia and 5098 Control Subjects via the Enhancing Neuro Imaging Genetics Through Meta Analysis (ENIGMA) Consortium. <i>Biological Psychiatry</i> , 2018, 84, 644-654.	1.3	627
2	Widespread white matter microstructural differences in schizophrenia across 4322 individuals: results from the ENIGMA Schizophrenia DTI Working Group. <i>Molecular Psychiatry</i> , 2018, 23, 1261-1269.	7.9	522
3	Subcortical volumetric abnormalities in bipolar disorder. <i>Molecular Psychiatry</i> , 2016, 21, 1710-1716.	7.9	400
4	Edge-centric functional network representations of human cerebral cortex reveal overlapping system-level architecture. <i>Nature Neuroscience</i> , 2020, 23, 1644-1654.	14.8	167
5	High-amplitude cofluctuations in cortical activity drive functional connectivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 28393-28401.	7.1	159
6	Heritability and reliability of automatically segmented human hippocampal formation subregions. <i>NeuroImage</i> , 2016, 128, 125-137.	4.2	107
7	Systemic inflammation as a predictor of brain aging: Contributions of physical activity, metabolic risk, and genetic risk. <i>NeuroImage</i> , 2018, 172, 118-129.	4.2	82
8	Weighted Stochastic Block Models of the Human Connectome across the Life Span. <i>Scientific Reports</i> , 2018, 8, 12997.	3.3	70
9	Partitioning heritability analysis reveals a shared genetic basis of brain anatomy and schizophrenia. <i>Molecular Psychiatry</i> , 2016, 21, 1680-1689.	7.9	69
10	Local structure-function relationships in human brain networks across the lifespan. <i>Nature Communications</i> , 2022, 13, 2053.	12.8	58
11	Dynamic expression of brain functional systems disclosed by fine-scale analysis of edge time series. <i>Network Neuroscience</i> , 2021, 5, 405-433.	2.6	54
12	The modular organization of brain cortical connectivity across the human lifespan. <i>NeuroImage</i> , 2020, 218, 116974.	4.2	52
13	Individualized event structure drives individual differences in whole-brain functional connectivity. <i>NeuroImage</i> , 2022, 252, 118993.	4.2	46
14	The reliability and heritability of cortical folds and their genetic correlations across hemispheres. <i>Communications Biology</i> , 2020, 3, 510.	4.4	42
15	Edges in brain networks: Contributions to models of structure and function. <i>Network Neuroscience</i> , 2022, 6, 1-28.	2.6	30
16	Ageing relates to a disproportionately weaker functional architecture of brain networks during rest and task states. <i>NeuroImage</i> , 2020, 209, 116521.	4.2	29
17	Diverging volumetric trajectories following pediatric traumatic brain injury. <i>NeuroImage: Clinical</i> , 2017, 15, 125-135.	2.7	28
18	Age differences in specific neural connections within the Default Mode Network underlie theory of mind. <i>NeuroImage</i> , 2019, 191, 269-277.	4.2	26

#	ARTICLE	IF	CITATIONS
19	The diversity and multiplexity of edge communities within and between brain systems. <i>Cell Reports</i> , 2021, 37, 110032.	6.4	25
20	Subject identification using edge-centric functional connectivity. <i>NeuroImage</i> , 2021, 238, 118204.	4.2	24
21	Mapping individual differences across brain network structure to function and behavior with connectome embedding. <i>NeuroImage</i> , 2021, 242, 118469.	4.2	23
22	Modularity maximization as a flexible and generic framework for brain network exploratory analysis. <i>NeuroImage</i> , 2021, 244, 118607.	4.2	22
23	Relationship of a common OXTR gene variant to brain structure and default mode network function in healthy humans. <i>NeuroImage</i> , 2017, 147, 500-506.	4.2	21
24	Multitask brain network reconfiguration is inversely associated with human intelligence. <i>Cerebral Cortex</i> , 2022, 32, 4172-4182.	2.9	19
25	Continuous representations of brain connectivity using spatial point processes. <i>Medical Image Analysis</i> , 2017, 41, 32-39.	11.6	16
26	Association of Immunosuppression and Viral Load With Subcortical Brain Volume in an International Sample of People Living With HIV. <i>JAMA Network Open</i> , 2021, 4, e2031190.	5.9	16
27	Edge-centric analysis of stroke patients: An alternative approach for biomarkers of lesion recovery. <i>NeuroImage: Clinical</i> , 2022, 35, 103055.	2.7	15
28	Uncovering individual differences in fine-scale dynamics of functional connectivity. <i>Cerebral Cortex</i> , 2023, 33, 2375-2394.	2.9	15
29	Cortico-subcortical interactions in overlapping communities of edge functional connectivity. <i>NeuroImage</i> , 2022, 250, 118971.	4.2	14
30	Mapping the community structure of the rat cerebral cortex with weighted stochastic block modeling. <i>Brain Structure and Function</i> , 2020, 225, 71-84.	2.3	13
31	Blockmodels for connectome analysis. <i>Proceedings of SPIE</i> , 2015, , .	0.8	11
32	Classifying Phenotypes Based on the Community Structure of Human Brain Networks. <i>Lecture Notes in Computer Science</i> , 2017, , 3-11.	1.3	8
33	Multi-Site Meta-Analysis of Morphometry. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2019, 16, 1508-1514.	3.0	7
34	A Continuous Model of Cortical Connectivity. <i>Lecture Notes in Computer Science</i> , 2016, 9900, 157-165.	1.3	7
35	Reply to: New Meta- and Mega-analyses of Magnetic Resonance Imaging Findings in Schizophrenia: Do They Really Increase Our Knowledge About the Nature of the Disease Process?. <i>Biological Psychiatry</i> , 2019, 85, e35-e39.	1.3	5
36	Collegiate athlete brain data for white matter mapping and network neuroscience. <i>Scientific Data</i> , 2021, 8, 56.	5.3	4

#	ARTICLE	IF	CITATIONS
37	Voxelwise meta-analysis of brain structural associations with genome-wide polygenic risk for Alzheimer's disease. , 2018, , .		4
38	Effects of diffusion signal modeling and segmentation approaches on subthalamic nucleus parcellation. NeuroImage, 2022, 250, 118959.	4.2	3
39	Genetic analysis of structural brain connectivity using DICCCOL models of diffusion MRI in 522 twins. , 2015, 2015, 1167-1171.		2
40	Population learning of structural connectivity by white matter encoding and decoding. , 2016, , .		1
41	Multisite Metaanalysis of Image-Wide Genome-Wide Associations With Morphometry. , 2018, , 1-23.		1
42	Genetic Connectivity's Correlated Genetic Control of Cortical Thickness, Brain Volume, and White Matter. , 2018, , 25-43.		1
43	Sulcal-based morphometry in Parkinson's disease: a study of reliability and disease effects. , 2018, , .		1
44	The heritability of the functional connectome is robust to common nonlinear registration methods. Proceedings of SPIE, 2016, , .	0.8	0
45	Embedded sparse representation of fMRI data via group-wise dictionary optimization. Proceedings of SPIE, 2016, , .	0.8	0
46	Comparison of template registration methods for multi-site meta-analysis of brain morphometry. Proceedings of SPIE, 2016, , .	0.8	0
47	Cortical connectome registration using spherical demons. , 2017, , .		0
48	Utilizing brain measures for large-scale classification of autism applying EPIC. Proceedings of SPIE, 2017, , .	0.8	0
49	A comparison of network definitions for detecting sex differences in brain connectivity using Support Vector Machines. , 2017, 2017, 961-965.		0
50	Structural connectome validation using pairwise classification. , 2017, , .		0
51	Multi-modal Registration Improves Group Discrimination in Pediatric Traumatic Brain Injury. Lecture Notes in Computer Science, 2016, 10154, 32-42.	1.3	0