

Mikhail Rubinov

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11651914/publications.pdf>

Version: 2024-02-01

23
papers

12,665
citations

331670

21
h-index

642732

23
g-index

23
all docs

23
docs citations

23
times ranked

15438
citing authors

#	ARTICLE	IF	CITATIONS
1	Complex network measures of brain connectivity: Uses and interpretations. <i>NeuroImage</i> , 2010, 52, 1059-1069.	4.2	9,280
2	Weight-conserving characterization of complex functional brain networks. <i>NeuroImage</i> , 2011, 56, 2068-2079.	4.2	774
3	Small-world properties of nonlinear brain activity in schizophrenia. <i>Human Brain Mapping</i> , 2009, 30, 403-416.	3.6	412
4	A wavelet method for modeling and despiking motion artifacts from resting-state fMRI time series. <i>NeuroImage</i> , 2014, 95, 287-304.	4.2	336
5	Neurobiologically Realistic Determinants of Self-Organized Criticality in Networks of Spiking Neurons. <i>PLoS Computational Biology</i> , 2011, 7, e1002038.	3.2	218
6	State and Trait Components of Functional Connectivity: Individual Differences Vary with Mental State. <i>Journal of Neuroscience</i> , 2015, 35, 13949-13961.	3.6	212
7	Wiring cost and topological participation of the mouse brain connectome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 10032-10037.	7.1	191
8	Schizophrenia and abnormal brain network hubs. <i>Dialogues in Clinical Neuroscience</i> , 2013, 15, 339-349.	3.7	173
9	Symbiotic relationship between brain structure and dynamics. <i>BMC Neuroscience</i> , 2009, 10, 55.	1.9	166
10	Dynamic Change of Global and Local Information Processing in Propofol-Induced Loss and Recovery of Consciousness. <i>PLoS Computational Biology</i> , 2013, 9, e1003271.	3.2	124
11	Fledgling pathoconnectomics of psychiatric disorders. <i>Trends in Cognitive Sciences</i> , 2013, 17, 641-647.	7.8	110
12	Network topology and functional connectivity disturbances precede the onset of Huntington's disease. <i>Brain</i> , 2015, 138, 2332-2346.	7.6	99
13	Correspondence between evoked and intrinsic functional brain network configurations. <i>Human Brain Mapping</i> , 2017, 38, 1992-2007.	3.6	92
14	Regional expression of the MAPT gene is associated with loss of hubs in brain networks and cognitive impairment in Parkinson disease and progressive supranuclear palsy. <i>Neurobiology of Aging</i> , 2016, 48, 153-160.	3.1	79
15	Altered Hub Functioning and Compensatory Activations in the Connectome: A Meta-Analysis of Functional Neuroimaging Studies in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2016, 42, 434-442.	4.3	72
16	A Unifying Framework for Measuring Weighted Rich Clubs. <i>Scientific Reports</i> , 2014, 4, 7258.	3.3	61
17	Default Mode Hypoconnectivity Underlies a Sex-Related Autism Spectrum. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2016, 1, 364-371.	1.5	58
18	Constraints and spandrels of interareal connectomes. <i>Nature Communications</i> , 2016, 7, 13812.	12.8	55

#	ARTICLE	IF	CITATIONS
19	Emerging Evidence of Connectomic Abnormalities in Schizophrenia. <i>Journal of Neuroscience</i> , 2011, 31, 6263-6265.	3.6	50
20	Simulation of Neuronal Death and Network Recovery in a Computational Model of Distributed Cortical Activity. <i>American Journal of Geriatric Psychiatry</i> , 2009, 17, 210-217.	1.2	32
21	Methods and Considerations for Dynamic Analysis of Functional MR Imaging Data. <i>Neuroimaging Clinics of North America</i> , 2017, 27, 547-560.	1.0	31
22	Modern Methods for Interrogating the Human Connectome. <i>Journal of the International Neuropsychological Society</i> , 2016, 22, 105-119.	1.8	24
23	Role of the Nucleus Basalis as a Key Network Node in Temporal Lobe Epilepsy. <i>Neurology</i> , 2021, 96, e1334-e1346.	1.1	16