

Matthew F Singh

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7205526/publications.pdf>

Version: 2024-02-01

8
papers

59
citations

2682572

2
h-index

1872680

6
g-index

14
all docs

14
docs citations

14
times ranked

52
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimation and validation of individualized dynamic brain models with resting state fMRI. <i>NeuroImage</i> , 2020, 221, 117046.	4.2	32
2	Scalable surrogate deconvolution for identification of partially-observable systems and brain modeling. <i>Journal of Neural Engineering</i> , 2020, 17, 046025.	3.5	7
3	A simple transfer function for nonlinear dendritic integration. <i>Frontiers in Computational Neuroscience</i> , 2015, 9, 98.	2.1	3
4	Enhancing task fMRI preprocessing via individualized model-based filtering of intrinsic activity dynamics. <i>NeuroImage</i> , 2022, 247, 118836.	4.2	3
5	Developing control-theoretic objectives for large-scale brain dynamics and cognitive enhancement. <i>Annual Reviews in Control</i> , 2022, 54, 363-376.	7.9	3
6	Geometric classification of brain network dynamics via conic derivative discriminants. <i>Journal of Neuroscience Methods</i> , 2018, 308, 88-105.	2.5	1
7	Computing and optimizing over all fixed-points of discrete systems on large networks. <i>Journal of the Royal Society Interface</i> , 2020, 17, 20200126.	3.4	1
8	Network Restructuring Control for Conic Invariance with Application to Neural Networks. , 2018, , .		0