

Dionysios Perdikis

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

484
citations

1040056

9
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

526
citing authors

#	ARTICLE	IF	CITATIONS
1	The multiscale entropy: Guidelines for use and interpretation in brain signal analysis. <i>Journal of Neuroscience Methods</i> , 2016, 273, 175-190.	2.5	92
2	Teams on the same wavelength perform better: Inter-brain phase synchronization constitutes a neural substrate for social facilitation. <i>NeuroImage</i> , 2017, 152, 425-436.	4.2	91
3	Functional architectures and structured flows on manifolds: A dynamical framework for motor behavior.. <i>Psychological Review</i> , 2014, 121, 302-336.	3.8	64
4	Brain Dynamics of Aging: Multiscale Variability of EEG Signals at Rest and during an Auditory Oddball Task. <i>ENeuro</i> , 2015, 2, ENEURO.0067-14.2015.	1.9	48
5	Brain simulation as a cloud service: The Virtual Brain on EBRAINS. <i>NeuroImage</i> , 2022, 251, 118973.	4.2	42
6	Time Scale Hierarchies in the Functional Organization of Complex Behaviors. <i>PLoS Computational Biology</i> , 2011, 7, e1002198.	3.2	41
7	Virtual deep brain stimulation: Multiscale co-simulation of a spiking basal ganglia model and a whole-brain mean-field model with The Virtual Brain. <i>Experimental Neurology</i> , 2022, 354, 114111.	4.1	27
8	Complex Processes from Dynamical Architectures with Time-Scale Hierarchy. <i>PLoS ONE</i> , 2011, 6, e16589.	2.5	25
9	Structure and Topology Dynamics of Hyper-Frequency Networks during Rest and Auditory Oddball Performance. <i>Frontiers in Computational Neuroscience</i> , 2016, 10, 108.	2.1	17
10	Interacting brains coming in sync through their minds: an interbrain neurofeedback study. <i>Annals of the New York Academy of Sciences</i> , 2021, 1500, 48-68.	3.8	16
11	Functional coordination of muscles underlying changes in behavioural dynamics. <i>Scientific Reports</i> , 2016, 6, 27759.	3.3	8
12	Brain synchronization during perception of facial emotional expressions with natural and unnatural dynamics. <i>PLoS ONE</i> , 2017, 12, e0181225.	2.5	6
13	Building Neurocognitive Networks with a Distributed Functional Architecture. <i>Advances in Experimental Medicine and Biology</i> , 2011, 718, 101-109.	1.6	4
14	Lifespan Changes in Network Structure and Network Topology Dynamics During Rest and Auditory Oddball Performance. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 138.	3.4	3
15	Functional Architectures for Complex Behaviors: Analysis and Modeling of Interacting Processes in a Hierarchy of Time Scales. <i>Understanding Complex Systems</i> , 2016, , 339-344.	0.6	0