

Rodrigo Cofre

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

283
citations

1163117

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h-index

1058476

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g-index

32
all docs

32
docs citations

32
times ranked

250
citing authors

#	ARTICLE	IF	CITATIONS
1	Whole-Brain Models to Explore Altered States of Consciousness from the Bottom Up. <i>Brain Sciences</i> , 2020, 10, 626.	2.3	40
2	High-Order Interdependencies in the Aging Brain. <i>Brain Connectivity</i> , 2021, 11, 734-744.	1.7	29
3	Exact computation of the maximum-entropy potential of spiking neural-network models. <i>Physical Review E</i> , 2014, 89, 052117.	2.1	18
4	Achievement versus aptitude in college admissions: A cautionary note based on evidence from Chile. <i>International Journal of Educational Development</i> , 2013, 33, 106-115.	2.7	17
5	Information Entropy Production of Maximum Entropy Markov Chains from Spike Trains. <i>Entropy</i> , 2018, 20, 34.	2.2	15
6	Dynamics and spike trains statistics in conductance-based integrate-and-fire neural networks with chemical and electric synapses. <i>Chaos, Solitons and Fractals</i> , 2013, 50, 13-31.	5.1	13
7	A Comparison of the Maximum Entropy Principle Across Biological Spatial Scales. <i>Entropy</i> , 2019, 21, 1009.	2.2	13
8	Cholinergic neuromodulation of inhibitory interneurons facilitates functional integration in whole-brain models. <i>PLoS Computational Biology</i> , 2021, 17, e1008737.	3.2	11
9	Structural Features of the Human Connectome That Facilitate the Switching of Brain Dynamics via Noradrenergic Neuromodulation. <i>Frontiers in Computational Neuroscience</i> , 2021, 15, 687075.	2.1	11
10	Spike train statistics and Gibbs distributions. <i>Journal of Physiology (Paris)</i> , 2013, 107, 360-368.	2.1	9
11	An Introduction to the Non-Equilibrium Steady States of Maximum Entropy Spike Trains. <i>Entropy</i> , 2019, 21, 884.	2.2	8
12	Hyperharmonic analysis for the study of high-order information-theoretic signals. <i>Journal of Physics Complexity</i> , 2021, 2, 035009.	2.2	6
13	Large Deviations Properties of Maximum Entropy Markov Chains from Spike Trains. <i>Entropy</i> , 2018, 20, 573.	2.2	5
14	Thermodynamic Formalism in Neuronal Dynamics and Spike Train Statistics. <i>Entropy</i> , 2020, 22, 1330.	2.2	5
15	Linear Response of General Observables in Spiking Neuronal Network Models. <i>Entropy</i> , 2021, 23, 155.	2.2	3
16	Scalable and accurate method for neuronal ensemble detection in spiking neural networks. <i>PLoS ONE</i> , 2021, 16, e0251647.	2.5	3
17	Dynamics and spike trains statistics in conductance-based Integrate-and-Fire neural networks with chemical and electric synapses. <i>BMC Neuroscience</i> , 2013, 14, .	1.9	2
18	Towards an interdisciplinary framework about intelligence. <i>Heliyon</i> , 2021, 7, e06268.	3.2	2