

Gerold Baier

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

589
citations

933447

10
h-index

996975

15
g-index

20
all docs

20
docs citations

20
times ranked

582
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic Diseases of the Brain. , 2022, , 1243-1255.		0
2	Extracting the transition network of epileptic seizure onset. Chaos, 2021, 31, 023143.	2.5	3
3	Spontaneous transitions to focal-onset epileptic seizures: A dynamical study. Chaos, 2020, 30, 103114.	2.5	8
4	Dynamical Features of a Focal Epileptogenic Network Model for Stimulation-Based Control. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 1856-1865.	4.9	6
5	Dynamic Diseases of the Brain. , 2020, , 1-13.		0
6	Band power modulation through intracranial EEG stimulation and its cross-session consistency. Journal of Neural Engineering, 2020, 17, 054001.	3.5	3
7	Network dynamics in the healthy and epileptic developing brain. Network Neuroscience, 2018, 2, 41-59.	2.6	22
8	Effects of brain-derived neurotrophic factor and noise on transitions in temporal lobe epilepsy in a hippocampal network. Chaos, 2018, 28, 106322.	2.5	2
9	Design Principle for a Population-Based Model of Epileptic Dynamics. , 2018, , 333-347.		3
10	Understanding Epileptiform After-Discharges as Rhythmic Oscillatory Transients. Frontiers in Computational Neuroscience, 2017, 11, 25.	2.1	16
11	Dynamic Mechanisms of Neocortical Focal Seizure Onset. PLoS Computational Biology, 2014, 10, e1003787.	3.2	54
12	A Meeting of Two Chronobiological Systems: Circadian Proteins Period1 and BMAL1 Modulate the Human Hair Cycle Clock. Journal of Investigative Dermatology, 2014, 134, 610-619.	0.7	84
13	A Computational Study of Stimulus Driven Epileptic Seizure Abatement. PLoS ONE, 2014, 9, e114316.	2.5	100
14	The importance of modeling epileptic seizure dynamics as spatio-temporal patterns. Frontiers in Physiology, 2012, 3, 281.	2.8	58
15	Phase space approach for modeling of epileptic dynamics. Physical Review E, 2012, 85, 061918.	2.1	54
16	Intermittent spike-wave dynamics in a heterogeneous, spatially extended neural mass model. NeuroImage, 2011, 55, 920-932.	4.2	97
17	A spatially extended model for macroscopic spike-wave discharges. Journal of Computational Neuroscience, 2011, 31, 679-684.	1.0	57
18	Evolution of Genuine Cross-Correlation Strength of Focal Onset Seizures. Journal of Clinical Neurophysiology, 2011, 28, 450-462.	1.7	19