Yanbing Jia

List of Publications by Year
in descending order

14 papers	289 citations	932766 10 h-index	1125271 13 g-index
14 all docs	14 docs citations	14 times ranked	266 citing authors

#	Article	IF	Citations
1	Sample entropy reveals an age-related reduction in the complexity of dynamic brain. Scientific Reports, 2017, 7, 7990.	1.6	68
2	Transition from double coherence resonances to single coherence resonance in a neuronal network with phase noise. Chaos, 2015, 25, 123124.	1.0	31
3	Identifying nonlinear dynamics of brain functional networks of patients with schizophrenia by sample entropy. Nonlinear Dynamics, 2019, 96, 2327-2340.	2.7	29
4	Impact of bounded noise and shortcuts on the spatiotemporal dynamics of neuronal networks. Physica A: Statistical Mechanics and Its Applications, 2014, 393, 617-623.	1.2	25
5	Phase noise-induced double coherence resonances in a neuronal model. International Journal of Modern Physics B, 2015, 29, 1550142.	1.0	23
6	Multiple coherence resonances evoked from bursting and the underlying bifurcation mechanism. Nonlinear Dynamics, 2020, 100, 3645-3666.	2.7	20
7	Inhibitory autapses enhance coherence resonance of a neuronal network. Communications in Nonlinear Science and Numerical Simulation, 2021, 95, 105643.	1.7	20
8	Bifurcations underlying different excitability transitions modulated by excitatory and inhibitory memristor and chemical autapses. Chaos, Solitons and Fractals, 2021, 153, 111611.	2.5	18
9	The nonlinear mechanisms underlying the various stochastic dynamics evoked from different bursting patterns in a neuronal model. Communications in Nonlinear Science and Numerical Simulation, 2022, 110, 106370.	1.7	14
10	Diversity and time delays induce resonance in a modular neuronal network. Chaos, 2014, 24, 043140.	1.0	12
11	Excitatory electromagnetic induction current enhances coherence resonance of the FitzHugh–Nagumo neuron. International Journal of Modern Physics B, 2019, 33, 1950242.	1.0	10
12	Sample Entropy Combined with the K-Means Clustering Algorithm Reveals Six Functional Networks of the Brain. Entropy, 2019, 21, 1156.	1.1	10
13	Fast–slow variable dissection with two slow variables related to calcium concentrations: a case study to bursting in a neural pacemaker model. Nonlinear Dynamics, 2022, 107, 1223-1245.	2.7	9
14	Phase Noise-Induced Transition from Single Coherence Resonance to Double Coherence Resonances in a Neuronal Model. Advances in Cognitive Neurodynamics, 2016, , 867-872.	0.1	0