

Fei Xu

List of Publications by Year in descending order

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206
citing authors

#	ARTICLE	IF	CITATIONS
1	Network modeling-based identification of the switching targets between pyroptosis and secondary pyroptosis. <i>Chaos, Solitons and Fractals</i> , 2022, 155, 111724.	2.5	9
2	Effects of memristive autapse under field coupling on transition of collective dynamics in neural hypernetworks. <i>Chinese Journal of Physics</i> , 2022, 77, 1-9.	2.0	4
3	RIP1-dependent linear and nonlinear recruitments of caspase-8 and RIP3 respectively to necrosome specify distinct cell death outcomes. <i>Protein and Cell</i> , 2021, 12, 858-876.	4.8	72
4	Oscillations Governed by the Incoherent Dynamics in Necroptotic Signaling. <i>Frontiers in Physics</i> , 2021, 9, .	1.0	8
5	Cell death modes are specified by the crosstalk dynamics within pyroptotic and apoptotic signaling. <i>Chaos</i> , 2021, 31, 093103.	1.0	1
6	A Review of Methods for Sleep Arousal Detection Using Polysomnographic Signals. <i>Brain Sciences</i> , 2021, 11, 1274.	1.1	15
7	Quantifying the optimal strategy of population control of quorum sensing network in <i>Escherichia coli</i> . <i>Npj Systems Biology and Applications</i> , 2021, 7, 35.	1.4	11
8	Tristability in mitochondrial permeability transition pore opening. <i>Chaos</i> , 2021, 31, 123108.	1.0	8
9	Data-Driven Modeling Identifies TIRAP-Independent MyD88 Activation Complex and Myddosome Assembly Strategy in LPS/TLR4 Signaling. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3061.	1.8	22
10	Chimera States mediated by nonlocally attractive-repulsive coupling in FitzHugh-Nagumo neural networks. <i>Chinese Journal of Physics</i> , 2020, 66, 172-179.	2.0	9
11	Quantitative modeling of bacterial quorum sensing dynamics in time and space. <i>Chinese Physics B</i> , 2020, 29, 108702.	0.7	0
12	Synchronous behavior among different regions of the neural system induced by electromagnetic radiation. <i>Nonlinear Dynamics</i> , 2019, 98, 1267-1274.	2.7	11
13	Nontrivial Effect of Time-Varying Migration on the Three Species Prey-Predator System. <i>Communications in Theoretical Physics</i> , 2019, 71, 127.	1.1	2
14	A new nonlinear dopant kinetic model of memristor and its application. <i>Indian Journal of Physics</i> , 2019, 93, 765-772.	0.9	3
15	Synchronous dynamics in neural system coupled with memristive synapse. <i>Nonlinear Dynamics</i> , 2018, 92, 1395-1402.	2.7	79
16	Chimera states and synchronization behavior in multilayer memristive neural networks. <i>Nonlinear Dynamics</i> , 2018, 94, 775-783.	2.7	47
17	Optimizing calculations of coupling matrix in Hindmarsh-Rose neural network. <i>Nonlinear Dynamics</i> , 2016, 84, 1303-1310.	2.7	6
18	Effects of external stimuli on the pacemaker function of the sinoatrial node in sodium channel gene mutations models. <i>Science China Life Sciences</i> , 2013, 56, 818-822.	2.3	4

#	ARTICLE	IF	CITATIONS
19	Firing patterns transition induced by system size in coupled Hindmarsh-Rose neural system. <i>Neurocomputing</i> , 2011, 74, 2961-2966.	3.5	28
20	Selective effects of noise by stochastic multi-resonance in coupled cells system. <i>Science in China Series G: Physics, Mechanics and Astronomy</i> , 2008, 51, 492-498.	0.2	11
21	Modulation on the collective response behavior by the system size in two-dimensional coupled cell systems. <i>Science in China Series G: Physics, Mechanics and Astronomy</i> , 2006, 49, 304-312.	0.2	6