

Li-jian Yang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8312780/publications.pdf>

Version: 2024-02-01

30
papers

1,097
citations

361045

20
h-index

476904

29
g-index

30
all docs

30
docs citations

30
times ranked

492
citing authors

#	ARTICLE	IF	CITATIONS
1	Mode transition in electrical activities of neuron driven by high and low frequency stimulus in the presence of electromagnetic induction and radiation. <i>Nonlinear Dynamics</i> , 2018, 91, 515-523.	2.7	128
2	A physical view of computational neurodynamics. <i>Journal of Zhejiang University: Science A</i> , 2019, 20, 639-659.	1.3	125
3	Effects of ion channel blocks on electrical activity of stochastic Hodgkin-Huxley neural network under electromagnetic induction. <i>Neurocomputing</i> , 2018, 283, 196-204.	3.5	108
4	Energy dependence on modes of electric activities of neuron driven by different external mixed signals under electromagnetic induction. <i>Science China Technological Sciences</i> , 2019, 62, 427-440.	2.0	79
5	Effects of noise and synaptic weight on propagation of subthreshold excitatory postsynaptic current signal in a feed-forward neural network. <i>Nonlinear Dynamics</i> , 2019, 95, 1673-1686.	2.7	70
6	Vibrational resonance induced by transition of phase-locking modes in excitable systems. <i>Physical Review E</i> , 2012, 86, 016209.	0.8	64
7	Propagation of firing rate by synchronization in a feed-forward multilayer Hindmarsh-Rose neural network. <i>Neurocomputing</i> , 2018, 320, 60-68.	3.5	54
8	Mixed Stimulus-Induced Mode Selection in Neural Activity Driven by High and Low Frequency Current under Electromagnetic Radiation. <i>Complexity</i> , 2017, 2017, 1-11.	0.9	47
9	Temperature effect on memristive ion channels. <i>Cognitive Neurodynamics</i> , 2019, 13, 601-611.	2.3	46
10	Estimate the electrical activity in a neuron under depolarization field. <i>Chaos, Solitons and Fractals</i> , 2021, 142, 110522.	2.5	38
11	Chaotic resonance in Izhikevich neural network motifs under electromagnetic induction. <i>Nonlinear Dynamics</i> , 2022, 107, 3945-3962.	2.7	34
12	Propagation of firing rate by synchronization and coherence of firing pattern in a feed-forward multilayer neural network. <i>Physical Review E</i> , 2010, 81, 061924.	0.8	33
13	Phase noise-induced coherence resonance in three dimension memristive Hindmarsh-Rose neuron model. <i>European Physical Journal: Special Topics</i> , 2019, 228, 2101-2110.	1.2	27
14	Subthreshold Periodic Signal Detection by Bounded Noise-Induced Resonance in the FitzHugh-Nagumo Neuron. <i>Complexity</i> , 2018, 2018, 1-10.	0.9	25
15	Intrinsic noise in post-transcriptional gene regulation by small non-coding RNA. <i>Biophysical Chemistry</i> , 2009, 143, 60-69.	1.5	24
16	A time-varying hyperchaotic system and its realization in a circuit. <i>Nonlinear Dynamics</i> , 2010, 62, 535-541.	2.7	22
17	Robustness and Backbone Motif of a Cancer Network Regulated by miR-17-92 Cluster during the G1/S Transition. <i>PLoS ONE</i> , 2013, 8, e57009.	1.1	22
18	Effects of patch temperature on spontaneous action potential train due to channel fluctuations: Coherence resonance. <i>BioSystems</i> , 2005, 81, 267-280.	0.9	21

#	ARTICLE	IF	CITATIONS
19	Effects of Lycium barbarum Polysaccharides on Health and Aging of <i>C. elegans</i> Depend on daf-12/daf-16. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-14.	1.9	21
20	A kinetic model of multiple phenotypic states for breast cancer cells. <i>Scientific Reports</i> , 2017, 7, 9890.	1.6	20
21	Autaptic modulation-induced neuronal electrical activities and wave propagation on network under electromagnetic induction. <i>European Physical Journal: Special Topics</i> , 2018, 227, 799-809.	1.2	20
22	Fluctuation and noise propagation in phenotypic transition cascades of clonal populations. <i>Physical Review E</i> , 2015, 92, 012721.	0.8	16
23	Effects of electromagnetic induction on signal propagation and synchronization in multilayer Hindmarsh-Rose neural networks. <i>European Physical Journal: Special Topics</i> , 2019, 228, 2455-2464.	1.2	14
24	Fluctuations of cell population in a colonic crypt. <i>Physical Review E</i> , 2014, 89, 032715.	0.8	9
25	Enhancement of Tunability of MAPK Cascade Due to Coexistence of Processive and Distributive Phosphorylation Mechanisms. <i>Biophysical Journal</i> , 2014, 106, 1215-1226.	0.2	8
26	Effect of external periodic signals and electromagnetic radiation on autaptic regulation of neuronal firing. <i>IET Systems Biology</i> , 2018, 12, 177-184.	0.8	7
27	The dynamical roles of miR-17-92 on the E2F-related network during the G1/S transition. <i>Nonlinear Dynamics</i> , 2019, 95, 259-271.	2.7	6
28	Cluster synchronization and firing rate oscillation induced by time delay in random network of adaptive exponential integrate-and-fire neural system. <i>European Physical Journal B</i> , 2020, 93, 1.	0.6	6
29	The effects of electrical coupling on the temporal coding of neural signal in noisy Hodgkin-Huxley neuron ensemble. , 2010, , .		2
30	Effects of noise and time delay on E2F's expression level in a bistable Rb-E2F gene's regulatory network. <i>IET Systems Biology</i> , 2021, 15, 111-125.	0.8	1