

Zhao Zhiguo

List of Publications by Year in descending order

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papers

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148
citing authors

#	ARTICLE	IF	CITATIONS
1	Negative self-feedback induced enhancement and transition of spiking activity for class-3 excitability. Chinese Physics B, 2022, 31, 070506.	1.4	2
2	Inhibitory autapse with time delay induces mixed-mode oscillations related to unstable dynamical behaviors near subcritical Hopf bifurcation. Electronic Research Archive, 2022, 30, 1898-1917.	0.9	3
3	White-noise-induced double coherence resonances in reduced Hodgkin-Huxley neuron model near subcritical Hopf bifurcation. Physical Review E, 2022, 105, 034408.	2.1	5
4	Dynamics of subthreshold and suprathreshold resonance modulated by hyperpolarization-activated cation current in a bursting neuron. Nonlinear Dynamics, 2021, 104, 577-601.	5.2	13
5	Fast Slow Variable Dissection with Two Slow Variables: A Case Study on Bifurcations Underlying Bursting for Seizure and Spreading Depression. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2021, 31, 2150096.	1.7	16
6	Different dynamics of repetitive neural spiking induced by inhibitory and excitatory autapses near subcritical Hopf bifurcation. Nonlinear Dynamics, 2020, 99, 1129-1154.	5.2	26
7	Different dynamical behaviors induced by slow excitatory feedback for type II and III excitabilities. Scientific Reports, 2020, 10, 3646.	3.3	9
8	Excitatory autapse induces different cases of reduced neuronal firing activities near Hopf bifurcation. Communications in Nonlinear Science and Numerical Simulation, 2020, 85, 105250.	3.3	35
9	Bifurcations of Time-Delay-Induced Multiple Transitions Between In-Phase and Anti-Phase Synchronizations in Neurons with Excitatory or Inhibitory Synapses. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2019, 29, 1950147.	1.7	12
10	Dynamical Mechanism of Hyperpolarization-Activated Non-specific Cation Current Induced Resonance and Spike-Timing Precision in a Neuronal Model. Frontiers in Cellular Neuroscience, 2018, 12, 62.	3.7	27
11	Transitions between classes of neuronal excitability and bifurcations induced by autapse. Scientific Reports, 2017, 7, 6760.	3.3	64
12	Identifying Time Delay-induced Multiple Synchronous Behaviours in Inhibitory Coupled Bursting Neurons with Nonlinear Dynamics of Single Neuron. Procedia IUTAM, 2017, 22, 160-167.	1.2	9
13	Bifurcations and enhancement of neuronal firing induced by negative feedback. Nonlinear Dynamics, 2016, 86, 1549-1560.	5.2	46
14	Transition Between Synchronous Behaviors of Coupled Neurons with Reciprocal Inhibition and Time Delay. Advances in Cognitive Neurodynamics, 2016, , 861-866.	0.1	0
15	Dynamics of On-Off Neural Firing Patterns and Stochastic Effects near a Sub-Critical Hopf Bifurcation. PLoS ONE, 2015, 10, e0121028.	2.5	21
16	Dynamics of Time Delay-Induced Multiple Synchronous Behaviors in Inhibitory Coupled Neurons. PLoS ONE, 2015, 10, e0138593.	2.5	37
17	The influence of single neuron dynamics and network topology on time delay-induced multiple synchronous behaviors in inhibitory coupled network. Chaos, Solitons and Fractals, 2015, 80, 96-108.	5.1	34