

Zhicheng Ouyang

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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1477746

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docs citations

11
times ranked

158
citing authors

#	ARTICLE	IF	CITATIONS
1	Astrocytic modulation on neuronal electric mode selection induced by magnetic field effect. Cognitive Neurodynamics, 2022, 16, 183-194.	2.3	4
2	A dynamics model of neuron-astrocyte network accounting for febrile seizures. Cognitive Neurodynamics, 2022, 16, 411-423.	2.3	10
3	Transition from regular to labyrinth pattern in a neuronal network with fast inhibitory synapses. Chaos, Solitons and Fractals, 2021, 146, 110758.	2.5	2
4	Dynamic Transitions in Neuronal Network Firing Sustained by Abnormal Astrocyte Feedback. Neural Plasticity, 2020, 2020, 1-13.	1.0	7
5	Dynamical response of a neuron-astrocyte coupling system under electromagnetic induction and external stimulation*. Chinese Physics B, 2020, 29, 030504.	0.7	20
6	Critical Behaviors of Regular Pattern Selection in Neuronal Networks with Chemical Synapses. , 2020, , 163-171.		2
7	Solitary waves in boundary layer induced by a travelling wave with increasing amplitude. Communications in Nonlinear Science and Numerical Simulation, 2019, 77, 25-39.	1.7	1
8	Design and Experimental Research of a Rotary Micro-Actuator Based on a Shearing Piezoelectric Stack. Micromachines, 2019, 10, 96.	1.4	10
9	Modeling and active vibration control of lattice grid beam with piezoelectric fiber composite using fractional order PD ^{1/4} algorithm. Composite Structures, 2018, 198, 126-134.	3.1	26
10	Astrocytic Kir4.1 channels and gap junctions account for spontaneous epileptic seizure. PLoS Computational Biology, 2018, 14, e1005877.	1.5	28
11	Dynamic transition of neuronal firing induced by abnormal astrocytic glutamate oscillation. Scientific Reports, 2016, 6, 32343.	1.6	45