

Zhicheng Ouyang

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

155
citations

1477746

6
h-index

1372195

10
g-index

11
all docs

11
docs citations

11
times ranked

158
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic transition of neuronal firing induced by abnormal astrocytic glutamate oscillation. Scientific Reports, 2016, 6, 32343.	1.6	45
2	Astrocytic Kir4.1 channels and gap junctions account for spontaneous epileptic seizure. PLoS Computational Biology, 2018, 14, e1005877.	1.5	28
3	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
4	Dynamical response of a neuron-astrocyte coupling system under electromagnetic induction and external stimulation*. Chinese Physics B, 2020, 29, 030504.	0.7	20
5	Design and Experimental Research of a Rotary Micro-Actuator Based on a Shearing Piezoelectric Stack. Micromachines, 2019, 10, 96.	1.4	10
6	A dynamics model of neuron-astrocyte network accounting for febrile seizures. Cognitive Neurodynamics, 2022, 16, 411-423.	2.3	10
7	Dynamic Transitions in Neuronal Network Firing Sustained by Abnormal Astrocyte Feedback. Neural Plasticity, 2020, 2020, 1-13.	1.0	7
8	Astrocytic modulation on neuronal electric mode selection induced by magnetic field effect. Cognitive Neurodynamics, 2022, 16, 183-194.	2.3	4
9	Transition from regular to labyrinth pattern in a neuronal network with fast inhibitory synapses. Chaos, Solitons and Fractals, 2021, 146, 110758.	2.5	2
10	Critical Behaviors of Regular Pattern Selection in Neuronal Networks with Chemical Synapses. , 2020, , 163-171.		2
11	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