

Fang Han

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Model-based optogenetic stimulation to regulate beta oscillations in Parkinsonian neural networks. <i>Cognitive Neurodynamics</i> , 2022, 16, 667-681.	4.0	15
2	Time delay system identification using controlled recurrent neural network and discrete bayesian optimization. <i>Applied Intelligence</i> , 2022, 52, 8351-8371.	5.3	8
3	Transition of Chimera States and Synchronization in Two-Layer Networks of Coupled Hindmarshâ€“Rose Neurons. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2022, 32, .	1.7	2
4	Synaptic Role in Facilitating Synchronous Theta Oscillations in a Hybrid Hippocampal Neuronal Network. <i>Frontiers in Computational Neuroscience</i> , 2022, 16, 791189.	2.1	2
5	A review of computational models for gamma oscillation dynamics: from spiking neurons to neural masses. <i>Nonlinear Dynamics</i> , 2022, 108, 1849-1866.	5.2	12
6	Beta-band bursting activity in computational model of heterogeneous external globus pallidus circuits. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2022, 110, 106388.	3.3	6
7	Dependency analysis of frequency and strength of gamma oscillations on input difference between excitatory and inhibitory neurons. <i>Cognitive Neurodynamics</i> , 2021, 15, 501-515.	4.0	16
8	Enhanced Multi-Dimensional and Multi-Grained Cascade Forest for Cloud/Snow Recognition Using Multispectral Satellite Remote Sensing Imagery. <i>IEEE Access</i> , 2021, 9, 131072-131086.	4.2	3
9	Enhancement of gamma oscillations in E/I neural networks by increase of difference between external inputs. <i>Electronic Research Archive</i> , 2021, 29, 3227-3241.	0.9	2
10	A Novel Intermittent Jumping Coupled Map Lattice Based on Multiple Chaotic Maps. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3797.	2.5	10
11	Low-Power and Tunable-Performance Biomemristor Based on Silk Fibroin. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 3459-3468.	5.2	14
12	Dynamical mechanisms of a monolayer binocular rivalry model with fixed and time-dependent stimuli. <i>Nonlinear Dynamics</i> , 2021, 106, 927-944.	5.2	2
13	Progressively inpainting images based on a forked-then-fused decoder network. <i>Sensors</i> , 2021, 21, 6336.	3.8	2
14	Epileptogenic Zone Location of Temporal Lobe Epilepsy by Cross-Frequency Coupling Analysis. <i>Frontiers in Neurology</i> , 2021, 12, 764821.	2.4	8
15	A PCC-Ensemble-TCN model for wind turbine icing detection using class-imbalanced and label-missing SCADA data. <i>International Journal of Distributed Sensor Networks</i> , 2021, 17, 155014772110577.	2.2	4
16	High-Frequency Synchronization Improves Firing Rate Contrast and Information Transmission Efficiency in E/I Neuronal Networks. <i>Neural Plasticity</i> , 2020, 2020, 1-11.	2.2	2
17	Bifurcation Analysis and Probabilistic Energy Landscapes of Two-Component Genetic Network. <i>IEEE Access</i> , 2020, 8, 150696-150708.	4.2	6
18	A novel parallel clock-driven algorithm for simulation of neuronal networks based on virtual synapse. <i>Simulation</i> , 2020, 96, 415-427.	1.8	4

#	ARTICLE	IF	CITATIONS
19	Regeneration of Gamma Oscillations in Large-scale Neural Network with Complicated Structure Based on CUDA. , 2020, , .		0
20	Image Error Concealment Based on Deep Neural Network. Algorithms, 2019, 12, 82.	2.1	3
21	A New Analytical Inverse Kinematics Model for Seven Degrees of Freedom Redundant Manipulators. , 2019, , .		1
22	A novel time-event-driven algorithm for simulating spiking neural networks based on circular array. Neurocomputing, 2018, 292, 121-129.	5.9	7
23	Music Genre Classification Using Independent Recurrent Neural Network. , 2018, , .		8
24	Global firing rate contrast enhancement in E/I neuronal networks by recurrent synchronized inhibition. Chaos, 2018, 28, 106324.	2.5	15
25	Pattern dynamics in telegraph reaction diffusion. Theoretical and Applied Mechanics Letters, 2018, 8, 355-360.	2.8	0
26	Solving Inverse Kinematics Model for 7-DoF Robot Arms Based on Space Vector. , 2018, , .		8
27	Fabric Weave Pattern and Yarn Color Recognition and Classification Using a Deep ELM Network. Algorithms, 2017, 10, 117.	2.1	12
28	Determine Neuronal Tuning Curves by Exploring Optimum Firing Rate Distribution for Information Efficiency. Frontiers in Computational Neuroscience, 2017, 11, 10.	2.1	3
29	Rhythmic Oscillations of Excitatory Bursting Hodgkin-Huxley Neuronal Network with Synaptic Learning. Computational Intelligence and Neuroscience, 2016, 2016, 1-8.	1.7	3
30	Visual netlogo-based simulation of anti-SARS immune system and low-to-high resolution reconstruction of sequence medical ct images anti-sars CT. , 2015, , .		1
31	Optimum neural tuning curves for information efficiency with rate coding and finite-time window. Frontiers in Computational Neuroscience, 2015, 9, 67.	2.1	4
32	Robust synchronization of bursting Hodgkin-Huxley neuronal systems coupled by delayed chemical synapses. International Journal of Non-Linear Mechanics, 2015, 70, 105-111.	2.6	28
33	Robust Synchronization in an E/I Network with Medium Synaptic Delay and High Level of Heterogeneity. Chinese Physics Letters, 2015, 32, 040502.	3.3	11
34	A new regime for highly robust gamma oscillation with co-exist of accurate and weak synchronization in excitatory-inhibitory networks. Cognitive Neurodynamics, 2014, 8, 335-344.	4.0	5
35	Synchronization of diffusively coupled chaotic neuronal networks. , 2014, , .		0
36	Bifurcation analysis for two coupled Fitzhugh-Nagumo neurons. , 2011, , .		0

#	ARTICLE	IF	CITATIONS
37	Excitement and synchronization of electrically coupled small-world neuronal network with synaptic plasticity. , 2011, , .		0
38	EXCITEMENT AND SYNCHRONIZATION OF SMALL-WORLD NEURONAL NETWORKS WITH SHORT-TERM SYNAPTIC PLASTICITY. International Journal of Neural Systems, 2011, 21, 415-425.	5.2	33
39	Chaotic burst synchronization in heterogeneous small-world neuronal network with noise. International Journal of Non-Linear Mechanics, 2009, 44, 298-303.	2.6	23