Xile Wei

List of Publications by Year
in descending order

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174	2,160	236833	302012
papers	citations	25 h-index	39 g-index

175	175	175	1871
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Scalable Digital Neuromorphic Architecture for Large-Scale Biophysically Meaningful Neural Network With Multi-Compartment Neurons. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 148-162.	7.2	229
2	Power spectral density and coherence analysis of Alzheimerâ€™s EEG. Cognitive Neurodynamics, 2015, 9, 291-304.	2.3	125
3	BiCoSS: Toward Large-Scale Cognition Brain With Multigranular Neuromorphic Architecture. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 2801-2815.	7.2	96
4	Slow periodic activity in the longitudinal hippocampal slice can selfâ€propagate nonâ€synaptically by a mechanism consistent with ephaptic coupling. Journal of Physiology, 2019, 597, 249-269.	1.3	73
5	Decreased coherence and functional connectivity of electroencephalograph in Alzheimer's disease. Chaos, 2014, 24, 033136.	1.0	64
6	Cost-efficient FPGA implementation of basal ganglia and their Parkinsonian analysis. Neural Networks, 2015, 71, 62-75.	3.3	59
7	Adaptive backstepping sliding mode control for chaos synchronization of two coupled neurons in the external electrical stimulation. Communications in Nonlinear Science and Numerical Simulation, 2012, 17, 1344-1354.	1.7	54
8	Digital implementations of thalamocortical neuron models and its application in thalamocortical control using FPGA for Parkinson×³s disease. Neurocomputing, 2016, 177, 274-289.	3.5	45
9	Comparative Analysis and Optimization of Dynamic Charging Coils for Roadway-Powered Electric Vehicles. IEEE Transactions on Magnetics, 2017, 53, 1-6.	1.2	43
10	Exploring how extracellular electric field modulates neuron activity through dynamical analysis of a two-compartment neuron model. Journal of Computational Neuroscience, 2014, 36, 383-399.	0.6	42
11	Multiple feature extraction and classification of electroencephalograph signal for Alzheimers' with spectrum and bispectrum. Chaos, 2015, 25, 013110.	1.0	39
12	WLPVG approach to the analysis of EEG-based functional brain network under manual acupuncture. Cognitive Neurodynamics, 2014, 8, 417-428.	2.3	35
13	Complexity extraction of electroencephalograms in Alzheimer's disease with weighted-permutation entropy. Chaos, 2015, 25, 043105.	1.0	34
14	Spike-frequency adaptation of a two-compartment neuron modulated by extracellular electric fields. Biological Cybernetics, 2015, 109, 287-306.	0.6	32
15	Efficient digital implementation of a conductance-based globus pallidus neuron and the dynamics analysis. Physica A: Statistical Mechanics and Its Applications, 2018, 494, 484-502.	1.2	32
16	Reconstruction of functional brain network in Alzheimer's disease via cross-frequency phase synchronization. Neurocomputing, 2018, 314, 490-500.	3.5	32
17	Neuronal Spike Initiation Modulated by Extracellular Electric Fields. PLoS ONE, 2014, 9, e97481.	1.1	29
18	DC/DC Buck Converter Using Internal Model Control. Electric Power Components and Systems, 2009, 37, 320-330.	1.0	28

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19	Delayed feedback control of bursting synchronization in small-world neuronal networks. Neurocomputing, 2013, 99, 178-187.	3.5	28
20	Functional Integration and Segregation in Multiplex Brain Networks for Alzheimer's Disease. Frontiers in Neuroscience, 2020, 14, 51.	1.4	28
21	Space-Vector-Optimized Predictive Control for Dual Three-Phase PMSM With Quick Current Response. IEEE Transactions on Power Electronics, 2022, 37, 4453-4462.	5.4	28
22	Vibrational resonance in neuron populations with hybrid synapses. Applied Mathematical Modelling, 2013, 37, 6311-6324.	2.2	27
23	Multi-scale order recurrence quantification analysis of EEG signals evoked by manual acupuncture in healthy subjects. Cognitive Neurodynamics, 2013, 7, 79-88.	2.3	27
24	Closed-Loop Modulation of the Pathological Disorders of the Basal Ganglia Network. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 371-382.	7.2	27
25	Weak electric fields detectability in a noisy neural network. Cognitive Neurodynamics, 2017, 11, 81-90.	2.3	27
26	Cost-efficient FPGA implementation of a biologically plausible dopamine neural network and its application. Neurocomputing, 2018, 314, 394-408.	3.5	27
27	A real-time FPGA implementation of a biologically inspired central pattern generator network. Neurocomputing, 2017, 244, 63-80.	3.5	26
28	Training Spiking Neural Networks for Cognitive Tasks: A Versatile Framework Compatible With Various Temporal Codes. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 1285-1296.	7.2	26
29	UKF-based closed loop iterative learning control of epileptiform wave in a neural mass model. Cognitive Neurodynamics, 2015, 9, 31-40.	2.3	25
30	Efficient hardware implementation of the subthalamic nucleusâ€“external globus pallidus oscillation system and its dynamics investigation. Neural Networks, 2017, 94, 220-238.	3.3	25
31	Theoretical analysis of vibrational resonance in a neuron model near a bifurcation point. Physical Review E, 2014, 89, 062916.	0.8	22
32	Dendritic Properties Control Energy Efficiency of Action Potentials in Cortical Pyramidal Cells. Frontiers in Cellular Neuroscience, 2017, 11, 265.	1.8	22
33	Application of Reinforcement Learning to Deep Brain Stimulation in a Computational Model of Parkinsonâ€™s Disease. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 339-349.	2.7	22
34	Altered inter-frequency dynamics of brain networks in disorder of consciousness. Journal of Neural Engineering, 2020, 17, 036006.	1.8	22
35	Adaptive stochastic resonance in self-organized small-world neuronal networks with time delay. Communications in Nonlinear Science and Numerical Simulation, 2015, 29, 346-358.	1.7	21
36	Spike coherence and synchronization on Newmanâ€“Watts small-world neuronal networks modulated by spike-timing-dependent plasticity. Physica A: Statistical Mechanics and Its Applications, 2015, 419, 307-317.	1.2	21

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37	Functional brain connectivity in Alzheimerâ€™s disease: An EEG study based on permutation disalignment index. Physica A: Statistical Mechanics and Its Applications, 2018, 506, 1093-1103.	1.2	21
38	Delay-induced synchronization transitions in small-world neuronal networks with hybrid electrical and chemical synapses. Physica A: Statistical Mechanics and Its Applications, 2013, 392, 5473-5480.	1.2	20
39	Suppression of seizures based on the multi-coupled neural mass model. Chaos, 2015, 25, 103120.	1.0	19
40	Nonlinear predictive control for adaptive adjustments of deep brain stimulation parameters in basal gangliaâ€“thalamic network. Neural Networks, 2018, 98, 283-295.	3.3	19
41	Model-based iterative learning control of Parkinsonian state in thalamic relay neuron. Communications in Nonlinear Science and Numerical Simulation, 2014, 19, 3255-3266.	1.7	18
42	Dynamical analysis of Parkinsonian state emulated by hybrid Izhikevich neuron models. Communications in Nonlinear Science and Numerical Simulation, 2015, 28, 10-26.	1.7	18
43	Synchronization of neuron population subject to steady DC electric field induced by magnetic stimulation. Cognitive Neurodynamics, 2013, 7, 237-252.	2.3	16
44	Opportunities and challenges of metamaterial-based wireless power transfer for electric vehicles. Wireless Power Transfer, 2018, 5, 9-19.	0.9	16
45	Bifurcations in the Hodgkinâ€“Huxley model exposed to DC electric fields. Neurocomputing, 2012, 81, 41-48.	3.5	15
46	EFFECTS OF EXTREMELY LOW-FREQUENCY MAGNETIC FIELDS ON THE RESPONSE OF A CONDUCTANCE-BASED NEURON MODEL. International Journal of Neural Systems, 2014, 24, 1450007.	3.2	15
47	Stochastic resonance in small-world neuronal networks with hybrid electricalâ€“chemical synapses. Chaos, Solitons and Fractals, 2014, 60, 40-48.	2.5	15
48	Characterization of network switching in disorder of consciousness at multiple time scales. Journal of Neural Engineering, 2020, 17, 026024.	1.8	15
49	Delay-induced synchronization transitions in modular scale-free neuronal networks with hybrid electrical and chemical synapses. Physica A: Statistical Mechanics and Its Applications, 2014, 405, 25-34.	1.2	14
50	Vibrational resonance in adaptive small-world neuronal networks with spike-timing-dependent plasticity. Physica A: Statistical Mechanics and Its Applications, 2015, 436, 170-179.	1.2	14
51	Slow moving neural source in the epileptic hippocampus can mimic progression of human seizures. Scientific Reports, 2018, 8, 1564.	1.6	14
52	Vibrational resonance in feedforward neuronal network with unreliable synapses. European Physical Journal B, 2013, 86, 1.	0.6	13
53	Particle swarm optimization algorithm based parameters estimation and control of epileptiform spikes in a neural mass model. Chaos, 2016, 26, 073118.	1.0	13
54	Action potential initiation in a two-compartment model of pyramidal neuron mediated by dendritic Ca2+ spike. Scientific Reports, 2017, 7, 45684.	1.6	13

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55	Neural recruitment by ephaptic coupling in epilepsy. Epilepsia, 2021, 62, 1505-1517.	2.6	13
56	Introducing internal model to robust output synchronization of FitzHughâ€“Nagumo neurons in external electrical stimulation. Communications in Nonlinear Science and Numerical Simulation, 2009, 14, 3108-3119.	1.7	12
57	Model Predictive Control for Seizure Suppression Based on Nonlinear Auto-Regressive Moving-Average Volterra Model. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 2173-2183.	2.7	12
58	Dynamics of spike threshold in a two-compartment neuron with passive dendrite. Communications in Nonlinear Science and Numerical Simulation, 2016, 40, 100-111.	1.7	11
59	Comprehensive Survey on Improved Focality and Penetration Depth of Transcranial Magnetic Stimulation Employing Multi-Coil Arrays. International Journal of Environmental Research and Public Health, 2017, 14, 1388.	1.2	11
60	Local and global synchronization transitions induced by time delays in small-world neuronal networks with chemical synapses. Cognitive Neurodynamics, 2015, 9, 93-101.	2.3	10
61	Spike initiating dynamics of the neuron with different adaptation mechanisms to extracellular electric fields. Communications in Nonlinear Science and Numerical Simulation, 2015, 22, 574-586.	1.7	10
62	The dynamical analysis of modified two-compartment neuron model and FPGA implementation. Physica A: Statistical Mechanics and Its Applications, 2017, 484, 199-214.	1.2	10
63	Multiple Stochastic Resonances and Oscillation Transitions in Cortical Networks With Time Delay. IEEE Transactions on Fuzzy Systems, 2020, 28, 39-46.	6.5	10
64	Biophysical Insights into How Spike Threshold Depends on the Rate of Membrane Potential Depolarization in Type I and Type II Neurons. PLoS ONE, 2015, 10, e0130250.	1.1	10
65	The effects of time delay on the synchronization transitions in a modular neuronal network with hybrid synapses. Chaos, Solitons and Fractals, 2013, 47, 54-65.	2.5	9
66	Ordinal Pattern Based Complexity Analysis for EEG Activity Evoked by Manual Acupuncture in Healthy Subjects. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2014, 24, 1450018.	0.7	9
67	Effects of spike-time-dependent plasticity on the stochastic resonance of small-world neuronal networks. Chaos, 2014, 24, 033125.	1.0	9
68	Modulations of dendritic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="mml109" display="inline" overflow="scroll" altimg="si109.gif"><mml:msup><mml:mrow><mml:mi mathvariant="normal">Ca</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn><mml:mo>+</mml:mo></mml:mrow></mml:msu spike with weak electric fields in layer 5 pyramidal cells. Neural Networks, 2019, 110, 8-18.	3.3	9
69	Position servo control of brushless DC motor based on the second discrete filter. , 2007, , .		8
70	Synchronization of inhibitory coupled Hindmarsh-Rose neurons via adaptive sliding mode control. , 2011, , .		7
71	Multiple synchronization transitions in scale-free neuronal networks with electrical and chemical hybrid synapses. Chaos, Solitons and Fractals, 2014, 59, 1-12.	2.5	7
72	An ephaptic transmission model of CA3 pyramidal cells: an investigation into electric field effects. Cognitive Neurodynamics, 2014, 8, 177-197.	2.3	7

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73	Dynamic analysis of Hodgkinâ€™s three classes of neurons exposed to extremely low-frequency sinusoidal induced electric field. Applied Mathematics and Computation, 2014, 231, 100-110.	1.4	7
74	A CORDIC based real-time implementation and analysis of a respiratory central pattern generator. Neurocomputing, 2021, 423, 373-388.	3.5	7
75	Desynchronization in an ensemble of globally coupled chaotic bursting neuronal oscillators by dynamic delayed feedback control. International Journal of Modern Physics B, 2015, 29, 1450235.	1.0	6
76	Robust stabilization control of bifurcations in Hodgkin-Huxley model with aid of unscented Kalman filter. Chaos, Solitons and Fractals, 2017, 101, 92-99.	2.5	6
77	Energy Cost of Action Potential Generation and Propagation in Thalamocortical Relay Neurons During Deep Brain Stimulation. IEEE Transactions on Biomedical Engineering, 2019, 66, 3457-3471.	2.5	6
78	An Embedded Multi-Core Real-Time Simulation Platform of Basal Ganglia for Deep Brain Stimulation. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2021, 29, 1328-1340.	2.7	6
79	Effects of DC electric fields on neuronal excitability: A bifurcation analysis. International Journal of Modern Physics B, 2014, 28, 1450114.	1.0	5
80	Synaptic dynamics regulation in response to high frequency stimulation in neuronal networks. Communications in Nonlinear Science and Numerical Simulation, 2018, 55, 29-41.	1.7	5
81	Scale-specific effects: A report on multiscale analysis of acupunctured EEG in entropy and power. Physica A: Statistical Mechanics and Its Applications, 2018, 492, 2260-2272.	1.2	5
82	Twin Coil Design Considerations for Depth and Focality in Transcranial Magnetic Stimulation. IEEE Transactions on Magnetics, 2018, 54, 1-5.	1.2	5
83	Disrupted Control Architecture of Brain Network in Disorder of Consciousness. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2022, 30, 400-409.	2.7	5
84	The effect of extreme low frequency external electric field on the adaptability in the Ermentrout model. Neurocomputing, 2012, 81, 67-74.	3.5	4
85	A combined method to estimate parameters of the thalamocortical model from a heavily noise-corrupted time series of action potential. Chaos, 2014, 24, 013128.	1.0	4
86	Endogenous field feedback promotes the detectability for exogenous electric signal in the hybrid coupled population. Chaos, 2015, 25, 013113.	1.0	4
87	Fractal analysis of the short time series in a visibility graph method. Physica A: Statistical Mechanics and Its Applications, 2016, 450, 531-540.	1.2	4
88	Estimate the effective connectivity in multi-coupled neural mass model using particle swarm optimization. Physica A: Statistical Mechanics and Its Applications, 2017, 469, 89-101.	1.2	4
89	Fitting of adaptive neuron model to electrophysiological recordings using particle swarm optimization algorithm. International Journal of Modern Physics B, 2017, 31, 1750023.	1.0	4
90	Efficient Implementation of Cerebellar Purkinje Cell With the CORDIC Algorithm on LaCSNN. Frontiers in Neuroscience, 2019, 13, 1078.	1.4	4

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91	A Data Driven Experimental System for Individualized Brain Stimulation Design and Validation. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2021, 29, 1848-1857.	2.7	4
92	Semi-global robust output regulation of minimum-phase nonlinear systems based on high-gain nonlinear internal model. International Journal of Control, 2010, 83, 1009-1024.	1.2	3
93	The implementation of feedforward network on field programmable gate array. , 2014, , .		3
94	Fractal characterization of acupuncture-induced spike trains of rat WDR neurons. Chaos, Solitons and Fractals, 2015, 77, 205-214.	2.5	3
95	Charactering neural spiking activity evoked by acupuncture through state-space model. Applied Mathematical Modelling, 2015, 39, 1400-1408.	2.2	3
96	Effects of couplings on the optimal desynchronizing control of neuronal networks. Neurocomputing, 2016, 175, 736-746.	3.5	3
97	Digital Implementation of the Spiking Neural Network and Its Digit Recognition. , 2019, , .		3
98	Asymptotic Input-Output Relationship Predicts Electric Field Effect on Sublinear Dendritic Integration of AMPA Synapses. Neural Computation, 2021, 33, 1-37.	1.3	3
99	Effects of hyperpolarization-active cation current (Ih) on sublinear dendritic integration under applied electric fields. Nonlinear Dynamics, 0, , 1.	2.7	3
100	Introducing conditional integrator to sliding mode control of DC/DC buck converter. , 2009, , .		2
101	Parameter estimation in Hodgkin-Huxley model with adaptive method. , 2011, , .		2
102	The intrinsic phase response properties of an interneuron model. Neurocomputing, 2012, 89, 134-140.	3.5	2
103	Dependence of sinusoidal electric field effect on neuronal morphological properties. International Journal of Modern Physics B, 2015, 29, 1550092.	1.0	2
104	Granger causality analysis in the neural mass model. , 2015, , .		2
105	FPGA implementation of motifs-based neuronal network and synchronization analysis. Physica A: Statistical Mechanics and Its Applications, 2016, 451, 388-402.	1.2	2
106	Personalized closed-loop brain stimulation system based on linear state space model identification. , 2020, , .		2
107	Closed-Loop Control of Network Desynchronization Based on Unscented Kalman Filter. , 2018, , .		2
108	Wavelet packet energy entropy analysis of EEG signals evoked by acupuncture. , 2010, , .		1

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109	Effect of delay on the synchronization of weakly coupled neurons via gap junctions. , 2011, , .		1
110	A new deep brain stimulation waveform based on PWM. , 2011, , .		1
111	The spike-frequency adaptability of small-world neuronal network under AC electric field. , 2013, , .		1
112	Dynamic control of seizure states with input-output linearization method based on the Pinsky-Rinzel model. , 2014, , .		1
113	Modulation of spike coding by subthreshold extracellular electric fields and neuronal morphology. International Journal of Modern Physics B, 2015, 29, 1550148.	1.0	1
114	Multi-FPGA implementation of feedforward network and its performance analysis. , 2015, , .		1
115	Inputâ€“output mapping reconstruction of spike trains at dorsal horn evoked by manual acupuncture. International Journal of Modern Physics B, 2016, 30, 1550258.	1.0	1
116	Steady-state analysis of electric spring for smart grid. , 2016, , .		1
117	Predictive control for spike pattern modulation of a two-compartment neuron model. Neurocomputing, 2016, 216, 89-101.	3.5	1
118	Geometric properties-dependent neural synchrony modulated by extracellular subthreshold electric field. International Journal of Modern Physics B, 2016, 30, 1650142.	1.0	1
119	Contributions of adaptation currents to dynamic spike threshold on slow timescales: Biophysical insights from conductance-based models. Communications in Nonlinear Science and Numerical Simulation, 2017, 47, 81-99.	1.7	1
120	The comparison of electric fields distribution applying various coil configurations in Deep Transcranial magnetic stimulation. , 2017, , .		1
121	Epileptic Seizure Detection using DWT Based Weighted Visibility Graph. , 2018, , .		1
122	Calcium conductance-dependent network synchronization is differentially modulated by firing frequency. International Journal of Modern Physics B, 2019, 33, 1950160.	1.0	1
123	Real-time implementation of the cerebellum neural network. , 2019, , .		1
124	A novel astrocyte-mediated self-repairing CPG neural network. , 2019, , .		1
125	Real-time Implementation and Application of Hodgkinâ€“Huxley Model in Embedded System of Closed-Loop Electrophysiology Platform. , 2020, , .		1
126	Robust output regulation of single-switch quadratic buck converter using internal model. , 2009, , .		0

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127	Introducing high-gain internal model to semi-global robust output regulation for minimum-phase nonlinear systems. , 2009, , .		0
128	Complexity analysis of EEG signals evoked by acupuncture at ‘Zusanli’ acupoint (St36). , 2010, , .		0
129	Chaos synchronization of coupled map-based neurons under external electrical stimulation via robust adaptive control. , 2010, , .		0
130	The structure identification of feedforward neuronal network based on adaptive synchronization. , 2011, , .		0
131	External electric field effect on the PR neuronal firing under the ephaptic transmission. , 2011, , .		0
132	UKF-based key-parameters compensation control for abnormal firing in PR model. , 2011, , .		0
133	Phase response properties of a bursting neuron with spike adding structure. , 2011, , .		0
134	Unidirectional synchronization for Hodgkin-Huxley neurons and parameters identification with adaptive control algorithm. , 2011, , .		0
135	Action potential initial mechanism control of a minimum model response to constant and sinusoidal stimulus. , 2012, , .		0
136	Modeling the electric field effects on heterogeneous Pinsky-Rinzel neurons under ephaptic transmission. , 2012, , .		0
137	Change excitability of Morris-Lecar model via physiological bifurcation control. , 2012, , .		0
138	Delayed feedback control of synchronous activity in a cortical neural network. , 2012, , .		0
139	The effects of external electrical field on a neural network with synaptic plasticity and conduction delays. , 2012, , .		0
140	UKF-based slow-variable control for firing patterns in CA3 neurons. , 2012, , .		0
141	Synchronization between outputs of neurons and neuron populations with discrete control algorithm basing on least-square method. , 2012, , .		0
142	UKF-based adaptive electric fields control of desynchronization for the PR model under the ephaptic transmission. , 2012, , .		0
143	UKF-based state feedback control of abnormal neural oscillations in demyelination symptom. , 2012, , .		0
144	Bifurcation control design for simplified HH neuron model: A physiological approach. , 2012, , .		0

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145	The effect of extreme low frequency external alternating-current field on the adaptability in the Ermentrout model. , 2012, , .		0
146	Input optimal control strategy for the desynchronization of coupled neurons. , 2012, , .		0
147	Effect of hybrid synapses on vibrational resonance in neuron populations with small-world topology. , 2012, , .		0
148	Dynamical encoding of winnerless competition network induced by vibrational resonance. , 2012, , .		0
149	Observer-based tracking control of abnormal oscillations in demyelination symptom. Biomedical Signal Processing and Control, 2013, 8, 697-705.	3.5	0
150	State-space model for estimating acupuncture spike firing rate. , 2013, , .		0
151	The effect of direct-current field on the adaptability in the minimal model. , 2013, , .		0
152	The effect of synaptic time delay on synchronization in small-world neuronal networks. , 2013, , .		0
153	Synchronization of Ghostburster neurons via iterative learning control. , 2014, , .		0
154	Enhanced stochastic resonance induced by mean field feedback in synaptic coupled networks. , 2014, , .		0
155	Effects of synaptic coupling on phase response curve of neurons. , 2014, , .		0
156	Optimal estimation of the parameters affecting the Parkinson's disease state of thalamic cell model. , 2014, , .		0
157	Network effect on the enhancement of stochastic resonance in a randomly connected neural network. , 2014, , .		0
158	Prediction of single neural firings for Hodgkin-Huxley neuron by fitting generalized linear model. , 2015, , .		0
159	Desynchronizing of noisy neuron networks using reinforcement learning. , 2017, , .		0
160	FPGA-based spiking neural network with hippocampal oscillation dynamics towards biologically meaningful prostheses. , 2018, , .		0
161	Hardware Implementation of the Cerebellar Neural Network with Conductance-based Models. , 2018, , .		0
162	Determining the optimal stimulus waveforms of deep brain stimulation based on support vector machine. , 2018, , .		0

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163	Effect of Neural Intrinsic Dynamics on Ionic Energy Consumptions in Action Potential Generations. , 2018, , .		0
164	Characterizing Complexity of Electroencephalograms in Alzheimer's Disease at Multiple Temporal Scales. , 2018, , .		0
165	Deep Transcranial Magnetic Stimulation: Improved Coil Design and Assessment of the Induced Fields Using Realistic Head Model. , 2019, , .		0
166	Modulation of neuronal input-output function by subthreshold electric fields from dendritic sublinear integration. , 2019, , .		0
167	A real-time virtual manipulator simulation platform based on FPGA. , 2019, , .		0
168	Characterization of Spatial Temporal Dynamic of Brain Network in Disorder of Consciousness via Community Analysis. , 2020, , .		0
169	Robust complete synchronization of electrical coupling neurons under uncertain heterogeneous disturbances using adaptive internal model. , 2009, 2009, 3457-60.		0
170	å¸•é‡'æ£®çŠ¶æ€çš„æ…¢å•é‡å€¦ä¸ç³³ŠæŽ§åˆ¶. Scientia Sinica Informationis, 2015, 45, 439-456.	0.2	0
171	Synchronization Under External Electric Field in a Network with Two-Compartment Models. , 2018, , .		0
172	A Real-time Simulation Platform Design Based on Neural Mass Model for Deep Brain Stimulation. , 2020, , .		0
173	A Real-Time On-Demand Deep Brain Stimulation Device Design and Validation. , 2020, , .		0
174	Nonlinear dynamical modeling of neural activity using volterra series with GA-enhanced particle swarm optimization algorithm. Cognitive Neurodynamics, 0, , .	2.3	0