

Jun

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

255
papers

7,336
citations

47
h-index

71
g-index

262
ext. papers

8,912
ext. citations

3.4
avg, IF

7.01
L-index

#	Paper	IF	Citations
255	The influence of autapse on synchronous firing in small-world neural networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2022 , 594, 126956	3.3	3
254	A differentially private matrix factorization based on vector perturbation for recommender system. <i>Neurocomputing</i> , 2022 , 483, 32-41	5.4	0
253	Pinning bipartite synchronization for coupled nonlinear systems with antagonistic interactions and time delay. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2022 , 593, 126954	3.3	
252	A differentially private nonnegative matrix factorization for recommender system. <i>Information Sciences</i> , 2022 , 592, 21-35	7.7	3
251	Control the stability in chaotic circuit coupled by memristor in different branch circuits. <i>AEU - International Journal of Electronics and Communications</i> , 2022 , 145, 154074	2.8	1
250	Modeling of memristor-based Hindmarsh-Rose neuron and its dynamical analyses using energy method. <i>Applied Mathematical Modelling</i> , 2022 , 101, 503-516	4.5	8
249	How to wake up the electric synapse coupling between neurons?. <i>Nonlinear Dynamics</i> , 2022 , 108, 1681-1695		3
248	Pattern formation in a thermosensitive neural network. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2022 , 106426	3.7	1
247	The shock wave solutions of modified ZK Burgers equation in inhomogeneous dusty plasmas. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2022 , 77, 249-257	1.4	
246	Estimation of biophysical properties of cell exposed to electric field. <i>Chinese Physics B</i> , 2021 , 30, 038702	1.2	3
245	A Novel Compressive Image Encryption with an Improved 2D Coupled Map Lattice Model. <i>Security and Communication Networks</i> , 2021 , 2021, 1-21	1.9	1
244	A piezoelectric sensing neuron and resonance synchronization between auditory neurons under stimulus. <i>Chaos, Solitons and Fractals</i> , 2021 , 145, 110751	9.3	32
243	Aligned Ti3C2Tx Electrodes Induced by Magnetic Field for High-Performance Lithium-Ion Storage. <i>ACS Applied Energy Materials</i> , 2021 , 4, 5590-5598	6.1	1
242	Energy dependence on discharge mode of Izhikevich neuron driven by external stimulus under electromagnetic induction. <i>Cognitive Neurodynamics</i> , 2021 , 15, 265-277	4.2	12
241	Phase synchronization between a light-dependent neuron and a thermosensitive neuron. <i>Neurocomputing</i> , 2021 , 423, 518-534	5.4	21
240	Mode selection in a neuron driven by Josephson junction current in presence of magnetic field. <i>Chinese Journal of Physics</i> , 2021 , 71, 72-84	3.5	10
239	Regulating synchronous patterns in neurons and networks via field coupling. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2021 , 95, 105583	3.7	9

238	Estimate the electrical activity in a neuron under depolarization field. <i>Chaos, Solitons and Fractals</i> , 2021 , 142, 110522	9.3	19
237	Memristive Rulkov Neuron Model with Magnetic Induction Effects. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	26
236	Synchronization between FitzHugh-Nagumo neurons coupled with phototube. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2021 , 70, 090502-090502	0.6	1
235	Enhanced logical chaotic resonance. <i>Chaos</i> , 2021 , 31, 023103	3.3	6
234	Memristive neuron model with an adapting synapse and its hardware experiments. <i>Science China Technological Sciences</i> , 2021 , 64, 1107-1117	3.5	20
233	Resonance synchronisation between memristive oscillators and network without variable coupling 2021 , 95, 1		5
232	Energy-induced resonance synchronization in neural circuits. <i>Modern Physics Letters B</i> , 2021 , 35, 2150433	3.6	1
231	Biophysical mechanism of signal encoding in an auditory neuron. <i>Nonlinear Dynamics</i> , 2021 , 105, 3603-3614	5.4	12
230	Wave filtering and firing modes in a light-sensitive neural circuit. <i>Journal of Zhejiang University: Science A</i> , 2021 , 22, 707-720	2.1	8
229	What is the most suitable Lyapunov function?. <i>Chaos, Solitons and Fractals</i> , 2021 , 150, 111154	9.3	14
228	Synchronization and Pattern Formation in a Memristive Diffusive Neuron Model. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2021 , 31, 2130030	2	3
227	Effects of multiplicative-noise and coupling on synchronization in thermosensitive neural circuits. <i>Chaos, Solitons and Fractals</i> , 2021 , 151, 111203	9.3	4
226	Chaos-induced Set-Reset latch operation. <i>Chaos, Solitons and Fractals</i> , 2021 , 152, 111339	9.3	2
225	Dynamics and stochastic resonance in a thermosensitive neuron. <i>Applied Mathematics and Computation</i> , 2020 , 385, 125427	2.7	22
224	Control and synchronization in nonlinear circuits by using a thermistor. <i>Modern Physics Letters B</i> , 2020 , 34, 2050267	1.6	17
223	Dynamics and coherence resonance in a thermosensitive neuron driven by photocurrent. <i>Chinese Physics B</i> , 2020 , 29, 098704	1.2	29
222	Synchronization and spatial patterns in a light-dependent neural network. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2020 , 89, 105297	3.7	13
221	Capturing and shunting energy in chaotic Chua circuit. <i>Chaos, Solitons and Fractals</i> , 2020 , 134, 109697	9.3	6

220	Clarify the physical process for fractional dynamical systems. <i>Nonlinear Dynamics</i> , 2020 , 100, 2353-2364	5	24
219	Phase synchronization of memristive systems by using saturation gain method. <i>International Journal of Modern Physics B</i> , 2020 , 34, 2050074	1.1	4
218	A new photosensitive neuron model and its dynamics. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2020 , 21, 1387-1396	2.2	38
217	Energy flow-guided synchronization between chaotic circuits. <i>Applied Mathematics and Computation</i> , 2020 , 374, 124998	2.7	11
216	Memristive autapse involving magnetic coupling and excitatory autapse enhance firing. <i>Neurocomputing</i> , 2020 , 379, 296-304	5.4	9
215	Field coupling synchronization between chaotic circuits via a memristor. <i>AEU - International Journal of Electronics and Communications</i> , 2020 , 115, 153050	2.8	5
214	Autonomic learning via saturation gain method, and synchronization between neurons. <i>Chaos, Solitons and Fractals</i> , 2020 , 131, 109533	9.3	14
213	Mode transition in a memristive dynamical system and its application in image encryption. <i>International Journal of Modern Physics B</i> , 2020 , 34, 2050244	1.1	5
212	A feasible neuron for estimating the magnetic field effect. <i>Nonlinear Dynamics</i> , 2020 , 102, 1849-1867	5	26
211	Logical Chaotic Resonance in a Bistable System. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2020 , 30, 2050196	2	9
210	Memristor Initial-Offset Boosting in Memristive HR Neuron Model with Hidden Firing Patterns. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2020 , 30, 2030029	2	20
209	Energy estimation and coupling synchronization between biophysical neurons. <i>Science China Technological Sciences</i> , 2020 , 63, 625-636	3.5	24
208	Phase coupling synchronization of FHN neurons connected by a Josephson junction. <i>Science China Technological Sciences</i> , 2020 , 63, 2328-2338	3.5	34
207	A physical view of computational neurodynamics. <i>Journal of Zhejiang University: Science A</i> , 2019 , 20, 639-659	6.59	79
206	Field coupling-induced synchronization via a capacitor and inductor. <i>Chinese Journal of Physics</i> , 2019 , 62, 9-25	3.5	10
205	Differential coupling contributes to synchronization via a capacitor connection between chaotic circuits. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2019 , 20, 571-583	2.2	37
204	Synchronization realization between two nonlinear circuits via an induction coil coupling. <i>Nonlinear Dynamics</i> , 2019 , 96, 205-217	5	56
203	Asymmetric supercapacitors based on high capacitance Ni ₆ MnO ₈ and graphene. <i>Chinese Chemical Letters</i> , 2019 , 30, 1329-1334	8.1	9

202	Stability of target waves in excitable media under electromagnetic induction and radiation. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019 , 521, 519-530	3.3	6
201	Synchronization control between two Chua's circuits via capacitive coupling. <i>Applied Mathematics and Computation</i> , 2019 , 360, 94-106	2.7	26
200	Phase synchronization and lock between memristive circuits under field coupling. <i>AEU - International Journal of Electronics and Communications</i> , 2019 , 105, 177-185	2.8	17
199	The role of coupling factors on the emergence of synchronization and chimera patterns in network of non-locally coupled pancreatic β cells. <i>Europhysics Letters</i> , 2019 , 125, 60001	1.6	7
198	Bifurcation analysis and diverse firing activities of a modified excitable neuron model. <i>Cognitive Neurodynamics</i> , 2019 , 13, 393-407	4.2	47
197	Interaction of Wave Trains with Defects. <i>Communications in Theoretical Physics</i> , 2019 , 71, 334	2.4	2
196	Synchronization and wave propagation in neuronal network under field coupling. <i>Science China Technological Sciences</i> , 2019 , 62, 448-457	3.5	59
195	A neural memristor system with infinite or without equilibrium. <i>European Physical Journal: Special Topics</i> , 2019 , 228, 1527-1534	2.3	2
194	Capacitor coupling induces synchronization between neural circuits. <i>Nonlinear Dynamics</i> , 2019 , 97, 2661-2673	3.6	23
193	Effects of electromagnetic induction and noise on the regulation of sleep wake cycle. <i>Science China Technological Sciences</i> , 2019 , 62, 2113-2119	3.5	25
192	Temperature effect on memristive ion channels. <i>Cognitive Neurodynamics</i> , 2019 , 13, 601-611	4.2	27
191	Synchronization between memristive and initial-dependent oscillators driven by noise. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019 , 536, 122598	3.3	10
190	Minireview on signal exchange between nonlinear circuits and neurons via field coupling. <i>European Physical Journal: Special Topics</i> , 2019 , 228, 1907-1924	2.3	46
189	Electrical Mode Transition of Hybrid Neuronal Model Induced by External Stimulus and Electromagnetic Induction. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2019 , 29, 1950156	2	41
188	Transmission and detection of biharmonic envelope signal in a feed-forward multilayer neural network. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019 , 523, 797-806	3.3	13
187	Model electrical activity of neuron under electric field. <i>Nonlinear Dynamics</i> , 2019 , 95, 1585-1598	5	69
186	Synchronization in networks of initially independent dynamical systems. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019 , 520, 370-380	3.3	12
185	Approximating the energy landscape of a two-dimensional bistable gene autoregulation model by separating slow and fast dynamics. <i>Physical Review E</i> , 2019 , 99, 012415	2.4	1

184	Hyperfine structure and 2s-2p transition in C-like Fe, Co and Ni. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2019 , 230, 26-32	1.7	2
183	Noise and delay sustained chimera state in small world neuronal network. <i>Science China Technological Sciences</i> , 2019 , 62, 1134-1140	3.5	29
182	A new neuron model under electromagnetic field. <i>Applied Mathematics and Computation</i> , 2019 , 347, 590-599	2.7	42
181	Chemical and electrical synapse-modulated dynamical properties of coupled neurons under magnetic flow. <i>Applied Mathematics and Computation</i> , 2019 , 348, 42-56	2.7	36
180	Adaptive Finite-Time Stabilization of Chaotic Flow with a Single Unstable Node Using a Nonlinear Function-Based Global Sliding Mode. <i>Iranian Journal of Science and Technology - Transactions of Electrical Engineering</i> , 2019 , 43, 339-347	1.9	15
179	Field coupling benefits signal exchange between Colpitts systems. <i>Applied Mathematics and Computation</i> , 2019 , 342, 45-54	2.7	16
178	Suppression of chaos via control of energy flow 2018 , 90, 1		9
177	Collective responses in electrical activities of neurons under field coupling. <i>Scientific Reports</i> , 2018 , 8, 1349	4.9	78
176	Weak periodic signal detection by sine-Wiener-noise-induced resonance in the FitzHugh-Nagumo neuron. <i>Cognitive Neurodynamics</i> , 2018 , 12, 343-349	4.2	50
175	Crack synchronization of chaotic circuits under field coupling. <i>Nonlinear Dynamics</i> , 2018 , 93, 2057-2069	5	27
174	Synchronization dependence on initial setting of chaotic systems without equilibria. <i>Chaos, Solitons and Fractals</i> , 2018 , 110, 124-132	9.3	35
173	The dynamics of spiral tip adjacent to inhomogeneity in cardiac tissue. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018 , 491, 340-346	3.3	9
172	Taking control of initiated propagating wave in a neuronal network using magnetic radiation. <i>Applied Mathematics and Computation</i> , 2018 , 338, 141-151	2.7	28
171	Synchronization stability between initial-dependent oscillators with periodical and chaotic oscillation. <i>Journal of Zhejiang University: Science A</i> , 2018 , 19, 889-903	2.1	48
170	Robust finite-time composite nonlinear feedback control for synchronization of uncertain chaotic systems with nonlinearity and time-delay. <i>Chaos, Solitons and Fractals</i> , 2018 , 114, 46-54	9.3	96
169	Chaos and multi-scroll attractors in RCL-shunted junction coupled Jerk circuit connected by memristor. <i>PLoS ONE</i> , 2018 , 13, e0191120	3.7	43
168	Modulation of membrane potential and ion concentration of isolate ellipsoidal cell exposed to static electric field. <i>Zhongguo Kexue Jishu Kexue/Scientia Sinica Technologica</i> , 2018 , 48, 783-790	1.3	2
167	A review and guidance for pattern selection in spatiotemporal system. <i>International Journal of Modern Physics B</i> , 2018 , 32, 1830003	1.1	75

166	Multi-channels coupling-induced pattern transition in a tri-layer neuronal network. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018 , 493, 54-68	3.3	10
165	Dynamical behavior and application in Josephson Junction coupled by memristor. <i>Applied Mathematics and Computation</i> , 2018 , 321, 290-299	2.7	41
164	Dynamics of Spiral Waves Induced by Periodic Mechanical Deformation with Phase Difference. <i>Communications in Theoretical Physics</i> , 2018 , 70, 749	2.4	1
163	Synchronization performance in time-delayed random networks induced by diversity in system parameter. <i>Chinese Physics B</i> , 2018 , 27, 108902	1.2	5
162	Signal transmission by autapse with constant or time-periodic coupling intensity in the FitzHugh-Nagumo neuron. <i>European Physical Journal: Special Topics</i> , 2018 , 227, 757-766	2.3	12
161	Control of multi-scroll attractors in a memristor-coupled resonator via time-delayed feedback. <i>Modern Physics Letters B</i> , 2018 , 32, 1850399	1.6	11
160	Synergy and Redundancy in a Signaling Cascade with Different Feedback Mechanisms. <i>Communications in Theoretical Physics</i> , 2018 , 70, 485	2.4	2
159	Field coupling-induced wave propagation and pattern stability in a two-layer neuronal network under noise. <i>International Journal of Modern Physics B</i> , 2018 , 32, 1850298	1.1	10
158	Can Hamilton energy feedback suppress the chameleon chaotic flow?. <i>Nonlinear Dynamics</i> , 2018 , 94, 669-677	5	19
157	Selection of spatial pattern on resonant network of coupled memristor and Josephson junction. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2018 , 65, 79-90	3.7	31
156	Autaptic regulation of electrical activities in neuron under electromagnetic induction. <i>Scientific Reports</i> , 2017 , 7, 43452	4.9	93
155	Mode selection in electrical activities of myocardial cell exposed to electromagnetic radiation. <i>Chaos, Solitons and Fractals</i> , 2017 , 99, 219-225	9.3	38
154	A review for dynamics in neuron and neuronal network. <i>Nonlinear Dynamics</i> , 2017 , 89, 1569-1578	5	224
153	Astrocyte calcium wave induces seizure-like behavior in neuron network. <i>Science China Technological Sciences</i> , 2017 , 60, 1011-1018	3.5	57
152	Bursting behavior in degenerate optical parametric oscillator under noise. <i>Optik</i> , 2017 , 139, 231-238	2.5	7
151	Calculation of Hamilton energy and control of dynamical systems with different types of attractors. <i>Chaos</i> , 2017 , 27, 053108	3.3	42
150	Synchronization behaviors of coupled systems composed of hidden attractors. <i>International Journal of Modern Physics B</i> , 2017 , 31, 1750180	1.1	15
149	Phase synchronization between two neurons induced by coupling of electromagnetic field. <i>Applied Mathematics and Computation</i> , 2017 , 307, 321-328	2.7	118

148	The Electrical Activity of Neurons Subject to Electromagnetic Induction and Gaussian White Noise. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2017 , 27, 1750030	2	102
147	Synchronization between neurons coupled by memristor. <i>Chaos, Solitons and Fractals</i> , 2017 , 104, 435-443	3	84
146	Formation of Autapse Connected to Neuron and Its Biological Function. <i>Complexity</i> , 2017 , 2017, 1-9	1.6	39
145	Autaptic Modulation of Electrical Activity in a Network of Neuron-Coupled Astrocyte. <i>Complexity</i> , 2017 , 2017, 1-13	1.6	27
144	Impact of Bounded Noise and Rewiring on the Formation and Instability of Spiral Waves in a Small-World Network of Hodgkin-Huxley Neurons. <i>PLoS ONE</i> , 2017 , 12, e0171273	3.7	17
143	Low noise improves the electrical activity in a neuron under electromagnetic radiation. <i>PLoS ONE</i> , 2017 , 12, e0174330	3.7	47
142	Spatiotemporal dynamics in excitable homogeneous random networks composed of periodically self-sustained oscillation. <i>Scientific Reports</i> , 2017 , 7, 11885	4.9	17
141	Impact of bounded noise on the formation and instability of spiral wave in a 2D Lattice of neurons. <i>Scientific Reports</i> , 2017 , 7, 43151	4.9	42
140	Insensitivity of synchronization to network structure in chaotic pendulum systems with time-delay coupling. <i>Chaos</i> , 2017 , 27, 126702	3.3	9
139	Synchronization stability and pattern selection in a memristive neuronal network. <i>Chaos</i> , 2017 , 27, 113108	3	29
138	Modeling of epilepsy based on chaotic artificial neural network. <i>Chaos, Solitons and Fractals</i> , 2017 , 105, 150-156	9.3	31
137	Parametric wave induces straight drift of spiral waves in excitable medium. <i>Europhysics Letters</i> , 2017 , 119, 58002	1.6	5
136	Collective response, synapse coupling and field coupling in neuronal network. <i>Chaos, Solitons and Fractals</i> , 2017 , 105, 120-127	9.3	41
135	Electromagnetic induction and radiation-induced abnormality of wave propagation in excitable media. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2017 , 486, 508-516	3.3	66
134	Using chaotic artificial neural networks to model memory in the brain. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2017 , 44, 449-459	3.7	50
133	Synchronization behaviors of coupled neurons under electromagnetic radiation. <i>International Journal of Modern Physics B</i> , 2017 , 31, 1650251	1.1	85
132	Dynamical responses in a new neuron model subjected to electromagnetic induction and phase noise. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2017 , 469, 81-88	3.3	101
131	A class of initials-dependent dynamical systems. <i>Applied Mathematics and Computation</i> , 2017 , 298, 65-76	2.7	87

130	Dynamical Response of Electrical Activities in Digital Neuron Circuit Driven by Autapse. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2017 , 27, 1750187	2	42
129	Transmission of blocked electric pulses in a cable neuron model by using an electric field. <i>Neurocomputing</i> , 2016 , 216, 627-637	5.4	18
128	Pattern selection and self-organization induced by random boundary initial values in a neuronal network. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016 , 461, 586-594	3.3	30
127	Model of electrical activity in cardiac tissue under electromagnetic induction. <i>Scientific Reports</i> , 2016 , 6, 28	4.9	103
126	Prediction for breakup of spiral wave in a regular neuronal network. <i>Nonlinear Dynamics</i> , 2016 , 84, 497-509		58
125	Collapse of ordered spatial pattern in neuronal network. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016 , 451, 95-112	3.3	29
124	Effect of calcium channel noise in astrocytes on neuronal transmission. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2016 , 32, 262-272	3.7	32
123	Termination of pinned spirals by local stimuli. <i>Europhysics Letters</i> , 2016 , 113, 38004	1.6	21
122	Defects formation and wave emitting from defects in excitable media. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2016 , 34, 55-65	3.7	13
121	Calculation of Hamilton energy function of dynamical system by using Helmholtz theorem. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2016 , 65, 240501	0.6	16
120	Pattern Selection in Network of Coupled Multi-Scroll Attractors. <i>PLoS ONE</i> , 2016 , 11, e0154282	3.7	14
119	Heterogeneous delay-induced asynchrony and resonance in a small-world neuronal network system. <i>Europhysics Letters</i> , 2016 , 114, 50006	1.6	30
118	Dynamic transition of neuronal firing induced by abnormal astrocytic glutamate oscillation. <i>Scientific Reports</i> , 2016 , 6, 32343	4.9	34
117	The effect of process delay on dynamical behaviors in a self-feedback nonlinear oscillator. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2016 , 39, 99-107	3.7	16
116	Multiple modes of electrical activities in a new neuron model under electromagnetic radiation. <i>Neurocomputing</i> , 2016 , 205, 375-381	5.4	184
115	Model of electrical activity in a neuron under magnetic flow effect. <i>Nonlinear Dynamics</i> , 2016 , 85, 1479-1490		271
114	A Chaotic System with Different Shapes of Equilibria. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2016 , 26, 1650069	2	70
113	Wave emitting and propagation induced by autapse in a forward feedback neuronal network. <i>Neurocomputing</i> , 2015 , 167, 378-389	5.4	99

112	Autapse-induced synchronization in a coupled neuronal network. <i>Chaos, Solitons and Fractals</i> , 2015 , 80, 31-38	9.3	66
111	Transition of electric activity of neurons induced by chemical and electric autapses. <i>Science China Technological Sciences</i> , 2015 , 58, 1007-1014	3.5	112
110	Detection of noise effect on coupled neuronal circuits. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2015 , 29, 170-178	3.7	15
109	Damped oscillations in a multiple delayed feedback NF-B signaling module. <i>European Biophysics Journal</i> , 2015 , 44, 677-84	1.9	4
108	Emergence and robustness of target waves in a neuronal network. <i>International Journal of Modern Physics B</i> , 2015 , 29, 1550164	1.1	26
107	Controlling a chaotic resonator by means of dynamic track control. <i>Complexity</i> , 2015 , 21, 370-378	1.6	54
106	Spectral properties of the temporal evolution of brain network structure. <i>Chaos</i> , 2015 , 25, 123112	3.3	21
105	Formation of multi-armed spiral waves in neuronal network induced by adjusting ion channel conductance. <i>International Journal of Modern Physics B</i> , 2015 , 29, 1550043	1.1	10
104	Energy dependence on the electric activities of a neuron. <i>Chinese Physics B</i> , 2015 , 24, 128710	1.2	40
103	Collapse of Synchronization in a Memristive Network. <i>Communications in Theoretical Physics</i> , 2015 , 64, 659-664	2.4	7
102	A review for dynamics of collective behaviors of network of neurons. <i>Science China Technological Sciences</i> , 2015 , 58, 2038-2045	3.5	178
101	An introduction and guidance for neurodynamics. <i>Science Bulletin</i> , 2015 , 60, 1969-1971	10.6	24
100	Emitting waves from defects in network with autapses. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2015 , 23, 164-174	3.7	64
99	Pattern selection in neuronal network driven by electric autapses with diversity in time delays. <i>International Journal of Modern Physics B</i> , 2015 , 29, 1450239	1.1	109
98	Simulation of electric activity of neuron by setting up a reliable neuronal circuit driven by electric autapse. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2015 , 64, 058702	0.6	21
97	Investigation of emergence of target wave and spiral wave in neuronal network induced by gradient coupling. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2015 , 64, 198701	0.6	2
96	Selection of multi-scroll attractors in Jerk circuits and their verification using Pspice. <i>Nonlinear Dynamics</i> , 2014 , 76, 1951-1962	5	156
95	Autapse-induced target wave, spiral wave in regular network of neurons. <i>Science China: Physics, Mechanics and Astronomy</i> , 2014 , 57, 1918-1926	3.6	73

94	Dynamics of electric activities in neuron and neurons of network induced by autapses. <i>Science China Technological Sciences</i> , 2014 , 57, 936-946	3.5	113
93	Effect of an autapse on the firing pattern transition in a bursting neuron. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2014 , 19, 3242-3254	3.7	97
92	Parameters estimation, mixed synchronization, and antisynchronization in chaotic systems. <i>Complexity</i> , 2014 , 20, 64-73	1.6	69
91	Realizing hybrid synchronization of time-delay hyperchaotic 4D systems via partial variables. <i>Applied Mathematics and Computation</i> , 2014 , 245, 427-437	2.7	4
90	Liberation of a pinned spiral wave by a rotating electric pulse. <i>Europhysics Letters</i> , 2014 , 107, 38001	1.6	18
89	Dislocation Coupling-Induced Transition of Synchronization in Two-Layer Neuronal Networks. <i>Communications in Theoretical Physics</i> , 2014 , 62, 755-767	2.4	12
88	Simulating electric activities of neurons by using PSPICE. <i>Nonlinear Dynamics</i> , 2014 , 75, 113-126	5	52
87	Autapse-induced spiral wave in network of neurons under noise. <i>PLoS ONE</i> , 2014 , 9, e100849	3.7	40
86	Simulating the formation of spiral wave in the neuronal system. <i>Nonlinear Dynamics</i> , 2013 , 73, 73-83	5	60
85	Cooperative dynamics in neuronal networks. <i>Chaos, Solitons and Fractals</i> , 2013 , 56, 19-27	9.3	41
84	Emergence of target waves in neuronal networks due to diverse forcing currents. <i>Science China: Physics, Mechanics and Astronomy</i> , 2013 , 56, 1126-1138	3.6	18
83	Detection of ordered wave in the networks of neurons with changeable connection. <i>Science China: Physics, Mechanics and Astronomy</i> , 2013 , 56, 952-959	3.6	19
82	Emitting waves from heterogeneity by a rotating electric field. <i>Chaos</i> , 2013 , 23, 033141	3.3	20
81	Development of spiral wave in a regular network of excitatory neurons due to stochastic poisoning of ion channels. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2013 , 18, 3350-3364	3.7	19
80	Spiral waves in systems with fractal heterogeneity. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2013 , 392, 5764-5771	3.3	11
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