Jun

List of Publications by Citations

255	7,336	47	71
papers	citations	h-index	g-index
262	8,912	3.4	7.01
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
255	Model of electrical activity in a neuron under magnetic flow effect. *Nonlinear Dynamics*, **2016**, 85, 1479-1490	5	271
254	A review for dynamics in neuron and neuronal network. *Nonlinear Dynamics*, **2017**, 89, 1569-1578	5	224
253	Multiple modes of electrical activities in a new neuron model under electromagnetic radiation. *Neurocomputing*, **2016**, 205, 375-381	5.4	184
252	A review for dynamics of collective behaviors of network of neurons. *Science China Technological Sciences*, **2015**, 58, 2038-2045	3.5	178
251	Selection of multi-scroll attractors in Jerk circuits and their verification using Pspice. *Nonlinear Dynamics*, **2014**, 76, 1951-1962	5	156
250	Phase synchronization between two neurons induced by coupling of electromagnetic field. *Applied Mathematics and Computation*, **2017**, 307, 321-328	2.7	118
249	Dynamics of electric activities in neuron and neurons of network induced by autapses. *Science China Technological Sciences*, **2014**, 57, 936-946	3.5	113
248	Transition of electric activity of neurons induced by chemical and electric autapses. *Science China Technological Sciences*, **2015**, 58, 1007-1014	3.5	112
247	Pattern selection in neuronal network driven by electric autapses with diversity in time delays. *International Journal of Modern Physics B*, **2015**, 29, 1450239	1.1	109
246	Model of electrical activity in cardiac tissue under electromagnetic induction. *Scientific Reports*, **2016**, 6, 28	4.9	103
245	The Electrical Activity of Neurons Subject to Electromagnetic Induction and Gaussian White Noise. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2017**, 27, 1750030	2	102
244	Dynamical responses in a new neuron model subjected to electromagnetic induction and phase noise. *Physica A: Statistical Mechanics and Its Applications*, **2017**, 469, 81-88	3.3	101
243	Wave emitting and propagation induced by autapse in a forward feedback neuronal network. *Neurocomputing*, **2015**, 167, 378-389	5.4	99
242	Effect of an autapse on the firing pattern transition in a bursting neuron. *Communications in Nonlinear Science and Numerical Simulation*, **2014**, 19, 3242-3254	3.7	97
241	Robust finite-time composite nonlinear feedback control for synchronization of uncertain chaotic systems with nonlinearity and time-delay. *Chaos, Solitons and Fractals*, **2018**, 114, 46-54	9.3	96
240	Autaptic regulation of electrical activities in neuron under electromagnetic induction. *Scientific Reports*, **2017**, 7, 43452	4.9	93
239	A class of initials-dependent dynamical systems. *Applied Mathematics and Computation*, **2017**, 298, 65-76	2.7	87

238	Synchronization behaviors of coupled neurons under electromagnetic radiation. *International Journal of Modern Physics B*, **2017**, 31, 1650251	1.1	85
237	Synchronization between neurons coupled by memristor. *Chaos, Solitons and Fractals*, **2017**, 104, 435-442	2.3	84
236	A physical view of computational neurodynamics. *Journal of Zhejiang University: Science A*, **2019**, 20, 639-659	1.1	79
235	Collective responses in electrical activities of neurons under field coupling. *Scientific Reports*, **2018**, 8, 1349	4.9	78
234	A review and guidance for pattern selection in spatiotemporal system. *International Journal of Modern Physics B*, **2018**, 32, 1830003	1.1	75
233	Autapse-induced target wave, spiral wave in regular network of neurons. *Science China: Physics, Mechanics and Astronomy*, **2014**, 57, 1918-1926	3.6	73
232	Complete synchronization, phase synchronization and parameters estimation in a realistic chaotic system. *Communications in Nonlinear Science and Numerical Simulation*, **2011**, 16, 3770-3785	3.7	70
231	A Chaotic System with Different Shapes of Equilibria. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2016**, 26, 1650069	2	70
230	Parameters estimation, mixed synchronization, and antisynchronization in chaotic systems. *Complexity*, **2014**, 20, 64-73	1.6	69
229	Model electrical activity of neuron under electric field. *Nonlinear Dynamics*, **2019**, 95, 1585-1598	5	69
228	Delay and diversity-induced synchronization transitions in a small-world neuronal network. *Physical Review E*, **2011**, 83, 046207	2.4	67
227	Autapse-induced synchronization in a coupled neuronal network. *Chaos, Solitons and Fractals*, **2015**, 80, 31-38	9.3	66
226	Electromagnetic induction and radiation-induced abnormality of wave propagation in excitable media. *Physica A: Statistical Mechanics and Its Applications*, **2017**, 486, 508-516	3.3	66
225	Emitting waves from defects in network with autapses. *Communications in Nonlinear Science and Numerical Simulation*, **2015**, 23, 164-174	3.7	64
224	Simulating the formation of spiral wave in the neuronal system. *Nonlinear Dynamics*, **2013**, 73, 73-83	5	60
223	Synchronization and wave propagation in neuronal network under field coupling. *Science China Technological Sciences*, **2019**, 62, 448-457	3.5	59
222	Prediction for breakup of spiral wave in a regular neuronal network. *Nonlinear Dynamics*, **2016**, 84, 497-509	5	58
221	Astrocyte calcium wave induces seizure-like behavior in neuron network. *Science China Technological Sciences*, **2017**, 60, 1011-1018	3.5	57

220	Synchronization realization between two nonlinear circuits via an induction coil coupling. *Nonlinear Dynamics*, **2019**, 96, 205-217	5	56
219	Optimize design of adaptive synchronization controllers and parameter observers in different hyperchaotic systems. *Applied Mathematics and Computation*, **2010**, 215, 3318-3326	2.7	55
218	Investigation of the lattice expansion for Ni nanoparticles. *Materials Characterization*, **2007**, 58, 1019-1024	3.9	55
217	Controlling a chaotic resonator by means of dynamic track control. *Complexity*, **2015**, 21, 370-378	1.6	54
216	Simulating electric activities of neurons by using PSPICE. *Nonlinear Dynamics*, **2014**, 75, 113-126	5	52
215	Channel noise-induced phase transition of spiral wave in networks of Hodgkin-Huxley neurons. *Science Bulletin*, **2011**, 56, 151-157		52
214	Weak periodic signal detection by sine-Wiener-noise-induced resonance in the FitzHugh-Nagumo neuron. *Cognitive Neurodynamics*, **2018**, 12, 343-349	4.2	50
213	Using chaotic artificial neural networks to model memory in the brain. *Communications in Nonlinear Science and Numerical Simulation*, **2017**, 44, 449-459	3.7	50
212	Synchronization stability between initial-dependent oscillators with periodical and chaotic oscillation. *Journal of Zhejiang University: Science A*, **2018**, 19, 889-903	2.1	48
211	Bifurcation analysis and diverse firing activities of a modified excitable neuron model. *Cognitive Neurodynamics*, **2019**, 13, 393-407	4.2	47
210	L□y noise improves the electrical activity in a neuron under electromagnetic radiation. *PLoS ONE*, **2017**, 12, e0174330	3.7	47
209	Transition from spiral wave to target wave and other coherent structures in the networks of Hodgkin□Huxley neurons. *Applied Mathematics and Computation*, **2010**, 217, 3844-3852	2.7	47
208	Minireview on signal exchange between nonlinear circuits and neurons via field coupling. *European Physical Journal: Special Topics*, **2019**, 228, 1907-1924	2.3	46
207	Spiral wave death, breakup induced by ion channel poisoning on regular Hodgkin□Huxley neuronal networks. *Communications in Nonlinear Science and Numerical Simulation*, **2012**, 17, 4281-4293	3.7	44
206	Chaos and multi-scroll attractors in RCL-shunted junction coupled Jerk circuit connected by memristor. *PLoS ONE*, **2018**, 13, e0191120	3.7	43
205	Chaos control, spiral wave formation, and the emergence of spatiotemporal chaos in networked Chua circuits. *Nonlinear Dynamics*, **2012**, 67, 139-146	5	43
204	Calculation of Hamilton energy and control of dynamical systems with different types of attractors. *Chaos*, **2017**, 27, 053108	3.3	42
203	Impact of bounded noise on the formation and instability of spiral wave in a 2D Lattice of neurons. *Scientific Reports*, **2017**, 7, 43151	4.9	42

202	Dynamical Response of Electrical Activities in Digital Neuron Circuit Driven by Autapse. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2017**, 27, 1750187	2	42
201	A new neuron model under electromagnetic field. *Applied Mathematics and Computation*, **2019**, 347, 590-599	2.7	42
200	Electrical Mode Transition of Hybrid Neuronal Model Induced by External Stimulus and Electromagnetic Induction. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2019**, 29, 1950156	2	41
199	Cooperative dynamics in neuronal networks. *Chaos, Solitons and Fractals*, **2013**, 56, 19-27	9.3	41
198	Collective response, synapse coupling and field coupling in neuronal network. *Chaos, Solitons and Fractals*, **2017**, 105, 120-127	9.3	41
197	Dynamical behavior and application in Josephson Junction coupled by memristor. *Applied Mathematics and Computation*, **2018**, 321, 290-299	2.7	41
196	Energy dependence on the electric activities of a neuron. *Chinese Physics B*, **2015**, 24, 128710	1.2	40
195	Suppression of spiral waves using intermittent local electric shock. *Chinese Physics B*, **2007**, 16, 955-961		40
194	Autapse-induced spiral wave in network of neurons under noise. *PLoS ONE*, **2014**, 9, e100849	3.7	40
193	Formation of Autapse Connected to Neuron and Its Biological Function. *Complexity*, **2017**, 2017, 1-9	1.6	39
192	Mode selection in electrical activities of myocardial cell exposed to electromagnetic radiation. *Chaos, Solitons and Fractals*, **2017**, 99, 219-225	9.3	38
191	A new photosensitive neuron model and its dynamics. *Frontiers of Information Technology and Electronic Engineering*, **2020**, 21, 1387-1396	2.2	38
190	Differential coupling contributes to synchronization via a capacitor connection between chaotic circuits. *Frontiers of Information Technology and Electronic Engineering*, **2019**, 20, 571-583	2.2	37
189	Chemical and electrical synapse-modulated dynamical properties of coupled neurons under magnetic flow. *Applied Mathematics and Computation*, **2019**, 348, 42-56	2.7	36
188	Synchronization dependence on initial setting of chaotic systems without equilibria. *Chaos, Solitons and Fractals*, **2018**, 110, 124-132	9.3	35
187	Simulating the electric activity of FitzHugh□Nagumo neuron by using Josephson junction model. *Nonlinear Dynamics*, **2012**, 69, 2169-2179	5	35
186	Robustness and breakup of the spiral wave in a two-dimensional lattice network of neurons. *Science China: Physics, Mechanics and Astronomy*, **2010**, 53, 672-679	3.6	34
185	Dynamic transition of neuronal firing induced by abnormal astrocytic glutamate oscillation. *Scientific Reports*, **2016**, 6, 32343	4.9	34

184	Phase coupling synchronization of FHN neurons connected by a Josephson junction. *Science China Technological Sciences*, **2020**, 63, 2328-2338	3.5	34
183	Effect of calcium channel noise in astrocytes on neuronal transmission. *Communications in Nonlinear Science and Numerical Simulation*, **2016**, 32, 262-272	3.7	32
182	Spiral Wave in Small-World Networks of Hodgkin–Huxley Neurons. *Communications in Theoretical Physics*, **2010**, 54, 583-588	2.4	32
181	A piezoelectric sensing neuron and resonance synchronization between auditory neurons under stimulus. *Chaos, Solitons and Fractals*, **2021**, 145, 110751	9.3	32
180	Modeling of epilepsy based on chaotic artificial neural network. *Chaos, Solitons and Fractals*, **2017**, 105, 150-156	9.3	31
179	Selection of spatial pattern on resonant network of coupled memristor and Josephson junction. *Communications in Nonlinear Science and Numerical Simulation*, **2018**, 65, 79-90	3.7	31
178	Pattern selection and self-organization induced by random boundary initial values in a neuronal network. *Physica A: Statistical Mechanics and Its Applications*, **2016**, 461, 586-594	3.3	30
177	The formation mechanism of defects, spiral wave in the network of neurons. *PLoS ONE*, **2013**, 8, e55403	3.7	30
176	Information transmission in a neuron-astrocyte coupled model. *PLoS ONE*, **2013**, 8, e80324	3.7	30
175	Heterogeneous delay-induced asynchrony and resonance in a small-world neuronal network system. *Europhysics Letters*, **2016**, 114, 50006	1.6	30
174	Dynamics and coherence resonance in a thermosensitive neuron driven by photocurrent. *Chinese Physics B*, **2020**, 29, 098704	1.2	29
173	Collapse of ordered spatial pattern in neuronal network. *Physica A: Statistical Mechanics and Its Applications*, **2016**, 451, 95-112	3.3	29
172	Synchronization stability and pattern selection in a memristive neuronal network. *Chaos*, **2017**, 27, 113108	3.3	29
171	Selection of multiarmed spiral waves in a regular network of neurons. *PLoS ONE*, **2013**, 8, e69251	3.7	29
170	Noise and delay sustained chimera state in small world neuronal network. *Science China Technological Sciences*, **2019**, 62, 1134-1140	3.5	29
169	Taking control of initiated propagating wave in a neuronal network using magnetic radiation. *Applied Mathematics and Computation*, **2018**, 338, 141-151	2.7	28
168	Autaptic Modulation of Electrical Activity in a Network of Neuron-Coupled Astrocyte. *Complexity*, **2017**, 2017, 1-13	1.6	27
167	Crack synchronization of chaotic circuits under field coupling. *Nonlinear Dynamics*, **2018**, 93, 2057-2069	5	27

166	Temperature effect on memristive ion channels. *Cognitive Neurodynamics*, **2019**, 13, 601-611	4.2	27
165	Synchronization control between two Chua?s circuits via capacitive coupling. *Applied Mathematics and Computation*, **2019**, 360, 94-106	2.7	26
164	Emergence and robustness of target waves in a neuronal network. *International Journal of Modern Physics B*, **2015**, 29, 1550164	1.1	26
163	Detecting the breakup of spiral waves in small-world networks of neurons due to channel block. *Science Bulletin*, **2012**, 57, 2094-2101		26
162	Instability and Death of Spiral Wave in a Two-Dimensional Array of HindmarshRose Neurons. *Communications in Theoretical Physics*, **2010**, 53, 382-388	2.4	26
161	A feasible neuron for estimating the magnetic field effect. *Nonlinear Dynamics*, **2020**, 102, 1849-1867	5	26
160	Memristive Rulkov Neuron Model with Magnetic Induction Effects. *IEEE Transactions on Industrial Informatics*, **2021**, 1-1	11.9	26
159	Effects of electromagnetic induction and noise on the regulation of sleep wake cycle. *Science China Technological Sciences*, **2019**, 62, 2113-2119	3.5	25
158	COLLECTIVE BEHAVIORS OF SPIRAL WAVES IN THE NETWORKS OF HODGKIN-HUXLEY NEURONS IN PRESENCE OF CHANNEL NOISE. *Journal of Biological Systems*, **2010**, 18, 243-259	1.6	25
157	Breakup of Spiral Waves in Coupled HindmarshRose Neurons. *Chinese Physics Letters*, **2008**, 25, 4325-4328	3.8	25
156	Multiplicative-noise-induced coherence resonance via two different mechanisms in bistable neural models. *Physical Review E*, **2008**, 77, 061905	2.4	25
155	Clarify the physical process for fractional dynamical systems. *Nonlinear Dynamics*, **2020**, 100, 2353-2364	5	24
154	An introduction and guidance for neurodynamics. *Science Bulletin*, **2015**, 60, 1969-1971	10.6	24
153	Energy estimation and coupling synchronization between biophysical neurons. *Science China Technological Sciences*, **2020**, 63, 625-636	3.5	24
152	Capacitor coupling induces synchronization between neural circuits. *Nonlinear Dynamics*, **2019**, 97, 2661-2673	5	23
151	Dynamics and stochastic resonance in a thermosensitive neuron. *Applied Mathematics and Computation*, **2020**, 385, 125427	2.7	22
150	Termination of pinned spirals by local stimuli. *Europhysics Letters*, **2016**, 113, 38004	1.6	21
149	Spectral properties of the temporal evolution of brain network structure. *Chaos*, **2015**, 25, 123112	3.3	21

148	Simulation of electric activity of neuron by setting up a reliable neuronal circuit driven by electric autapse. *Wuli Xuebao/Acta Physica Sinica*, **2015**, 64, 058702	0.6	21
147	Phase synchronization between a light-dependent neuron and a thermosensitive neuron. *Neurocomputing*, **2021**, 423, 518-534	5.4	21
146	Emitting waves from heterogeneity by a rotating electric field. *Chaos*, **2013**, 23, 033141	3.3	20
145	A time-varying hyperchaotic system and its realization in circuit. *Nonlinear Dynamics*, **2010**, 62, 535-541	5	20
144	Memristor Initial-Offset Boosting in Memristive HR Neuron Model with Hidden Firing Patterns. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2020**, 30, 2030029	2	20
143	Memristive neuron model with an adapting synapse and its hardware experiments. *Science China Technological Sciences*, **2021**, 64, 1107-1117	3.5	20
142	Detection of ordered wave in the networks of neurons with changeable connection. *Science China: Physics, Mechanics and Astronomy*, **2013**, 56, 952-959	3.6	19
141	Development of spiral wave in a regular network of excitatory neurons due to stochastic poisoning of ion channels. *Communications in Nonlinear Science and Numerical Simulation*, **2013**, 18, 3350-3364	3.7	19
140	Emergence of spiral wave induced by defects block. *Communications in Nonlinear Science and Numerical Simulation*, **2013**, 18, 1665-1675	3.7	19
139	TRANSITION OF ORDERED WAVES IN NEURONAL NETWORK INDUCED BY DIFFUSIVE POISONING OF ION CHANNELS. *Journal of Biological Systems*, **2013**, 21, 1350002	1.6	19
138	Estimate the electrical activity in a neuron under depolarization field. *Chaos, Solitons and Fractals*, **2021**, 142, 110522	9.3	19
137	Can Hamilton energy feedback suppress the chameleon chaotic flow?. *Nonlinear Dynamics*, **2018**, 94, 669-677	5	19
136	Transmission of blocked electric pulses in a cable neuron model by using an electric field. *Neurocomputing*, **2016**, 216, 627-637	5.4	18
135	Emergence of target waves in neuronal networks due to diverse forcing currents. *Science China: Physics, Mechanics and Astronomy*, **2013**, 56, 1126-1138	3.6	18
134	Liberation of a pinned spiral wave by a rotating electric pulse. *Europhysics Letters*, **2014**, 107, 38001	1.6	18
133	Force exerted on the spiral tip by the heterogeneity in an excitable medium. *Europhysics Letters*, **2013**, 104, 58005	1.6	18
132	Control spiral and multi-spiral wave in the complex Ginzburg□landau equation. *Chaos, Solitons and Fractals*, **2008**, 38, 521-530	9.3	18
131	Phase synchronization and lock between memristive circuits under field coupling. *AEU - International Journal of Electronics and Communications*, **2019**, 105, 177-185	2.8	17

130	Control and synchronization in nonlinear circuits by using a thermistor. *Modern Physics Letters B*, **2020**, 34, 2050267	1.6	17
129	Impact of Bounded Noise and Rewiring on the Formation and Instability of Spiral Waves in a Small-World Network of Hodgkin-Huxley Neurons. *PLoS ONE*, **2017**, 12, e0171273	3.7	17
128	Spatiotemporal dynamics in excitable homogeneous random networks composed of periodically self-sustained oscillation. *Scientific Reports*, **2017**, 7, 11885	4.9	17
127	Identification of parameters with different orders of magnitude in chaotic systems. *Dynamical Systems*, **2012**, 27, 253-270	0.6	16
126	Simulated test of electric activity of neurons by using Josephson junction based on synchronization scheme. *Communications in Nonlinear Science and Numerical Simulation*, **2012**, 17, 2659-2669	3.7	16
125	Suppression of spiral wave and turbulence by using amplitude restriction of variable in a local square area. *Chaos, Solitons and Fractals*, **2009**, 41, 1331-1339	9.3	16
124	The influence of diversity on spiral wave in the cardiac tissue. *Europhysics Letters*, **2012**, 97, 28003	1.6	16
123	Suppression of spiral waves in light-sensitive media using chaotic signal modulated scheme. *Chaos, Solitons and Fractals*, **2007**, 33, 965-970	9.3	16
122	Calculation of Hamilton energy function of dynamical system by using Helmholtz theorem. *Wuli Xuebao/Acta Physica Sinica*, **2016**, 65, 240501	0.6	16
121	The effect of process delay on dynamical behaviors in a self-feedback nonlinear oscillator. *Communications in Nonlinear Science and Numerical Simulation*, **2016**, 39, 99-107	3.7	16
120	Field coupling benefits signal exchange between Colpitts systems. *Applied Mathematics and Computation*, **2019**, 342, 45-54	2.7	16
119	Synchronization behaviors of coupled systems composed of hidden attractors. *International Journal of Modern Physics B*, **2017**, 31, 1750180	1.1	15
118	Detection of noise effect on coupled neuronal circuits. *Communications in Nonlinear Science and Numerical Simulation*, **2015**, 29, 170-178	3.7	15
117	Eliminate spiral wave in excitable media by using a new feasible scheme. *Communications in Nonlinear Science and Numerical Simulation*, **2010**, 15, 1768-1776	3.7	15
116	Adaptive Finite-Time Stabilization of Chaotic Flow with a Single Unstable Node Using a Nonlinear Function-Based Global Sliding Mode. *Iranian Journal of Science and Technology - Transactions of Electrical Engineering*, **2019**, 43, 339-347	1.9	15
115	Noise effect on persistence of memory in a positive-feedback gene regulatory circuit. *Physical Review E*, **2009**, 80, 011907	2.4	14
114	Growth mechanism of Cu nanopowders prepared by anodic are plasma. *Transactions of Nonferrous Metals Society of China*, **2006**, 16, 168-172	3.3	14
113	Autonomic learning via saturation gain method, and synchronization between neurons. *Chaos, Solitons and Fractals*, **2020**, 131, 109533	9.3	14

112	Pattern Selection in Network of Coupled Multi-Scroll Attractors. *PLoS ONE*, **2016**, 11, e0154282	3.7	14
111	What is the most suitable Lyapunov function?. *Chaos, Solitons and Fractals*, **2021**, 150, 111154	9.3	14
110	Synchronization and spatial patterns in a light-dependent neural network. *Communications in Nonlinear Science and Numerical Simulation*, **2020**, 89, 105297	3.7	13
109	Defects formation and wave emitting from defects in excitable media. *Communications in Nonlinear Science and Numerical Simulation*, **2016**, 34, 55-65	3.7	13
108	Transmission and detection of biharmonic envelope signal in a feed-forward multilayer neural network. *Physica A: Statistical Mechanics and Its Applications*, **2019**, 523, 797-806	3.3	13
107	Dislocation Coupling-Induced Transition of Synchronization in Two-Layer Neuronal Networks. *Communications in Theoretical Physics*, **2014**, 62, 755-767	2.4	12
106	Ca2+ spiral waves in a spatially discrete and random medium. *European Biophysics Journal*, **2009**, 38, 1061-8	1.9	12
105	Synchronization in networks of initially independent dynamical systems. *Physica A: Statistical Mechanics and Its Applications*, **2019**, 520, 370-380	3.3	12
104	Energy dependence on discharge mode of Izhikevich neuron driven by external stimulus under electromagnetic induction. *Cognitive Neurodynamics*, **2021**, 15, 265-277	4.2	12
103	Signal transmission by autapse with constant or time-periodic coupling intensity in the FitzHugh□Nagumo neuron. *European Physical Journal: Special Topics*, **2018**, 227, 757-766	2.3	12
102	Biophysical mechanism of signal encoding in an auditory neuron. *Nonlinear Dynamics*, **2021**, 105, 3603-3614	5	12
101	Spiral waves in systems with fractal heterogeneity. *Physica A: Statistical Mechanics and Its Applications*, **2013**, 392, 5764-5771	3.3	11
100	Electric Field-induced dynamical evolution of spiral wave in the regular networks of Hodgkin□Huxley neurons. *Applied Mathematics and Computation*, **2011**, 218, 4467-4474	2.7	11
99	Energy flow-guided synchronization between chaotic circuits. *Applied Mathematics and Computation*, **2020**, 374, 124998	2.7	11
98	Control of multi-scroll attractors in a memristor-coupled resonator via time-delayed feedback. *Modern Physics Letters B*, **2018**, 32, 1850399	1.6	11
97	Field coupling-induced synchronization via a capacitor and inductor. *Chinese Journal of Physics*, **2019**, 62, 9-25	3.5	10
96	Synchronization between memristive and initial-dependent oscillators driven by noise. *Physica A: Statistical Mechanics and Its Applications*, **2019**, 536, 122598	3.3	10
95	Formation of multi-armed spiral waves in neuronal network induced by adjusting ion channel conductance. *International Journal of Modern Physics B*, **2015**, 29, 1550043	1.1	10

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92	Numerical study of IP 3 -dependent Ca 2+ spiral waves in Xenopus oocytes. *Europhysics Letters*, **2008**, 83, 68001	1.6	10
91	Chaotic signal-induced dynamics of degenerate optical parametric oscillator. *Chaos, Solitons and Fractals*, **2008**, 36, 494-499	9.3	10
90	Mode selection in a neuron driven by Josephson junction current in presence of magnetic field. *Chinese Journal of Physics*, **2021**, 71, 72-84	3.5	10
89	Multi-channels coupling-induced pattern transition in a tri-layer neuronal network. *Physica A: Statistical Mechanics and Its Applications*, **2018**, 493, 54-68	3.3	10
88	Field coupling-induced wave propagation and pattern stability in a two-layer neuronal network under noise. *International Journal of Modern Physics B*, **2018**, 32, 1850298	1.1	10
87	Asymmetric supercapacitors based on high capacitance Ni6MnO8 and graphene. *Chinese Chemical Letters*, **2019**, 30, 1329-1334	8.1	9
86	Suppression of chaos via control of energy flow **2018**, 90, 1		9
85	The dynamics of spiral tip adjacent to inhomogeneity in cardiac tissue. *Physica A: Statistical Mechanics and Its Applications*, **2018**, 491, 340-346	3.3	9
84	Insensitivity of synchronization to network structure in chaotic pendulum systems with time-delay coupling. *Chaos*, **2017**, 27, 126702	3.3	9
83	Suppression of the Spiral Wave and Turbulence in the Excitability-Modulated Media. *International Journal of Theoretical Physics*, **2009**, 48, 150-157	1.1	9
82	TRANSITION OF SPIRAL WAVE IN A MODEL OF TWO-DIMENSIONAL ARRAYS OF HINDMARSHROSE NEURONS. *International Journal of Modern Physics B*, **2011**, 25, 1653-1670	1.1	9
81	Suppression of Spiral Waves by Generating Self-exciting Target Wave. *Chinese Journal of Chemical Physics*, **2007**, 20, 53-58	0.9	9
80	Evolution of spiral waves subjected to parameter modulation under chaotic signal. *Physica A: Statistical Mechanics and Its Applications*, **2006**, 369, 387-392	3.3	9
79	Realization of synchronization between hyperchaotic systems by using a scheme of intermittent linear coupling. *Wuli Xuebao/Acta Physica Sinica*, **2013**, 62, 170502	0.6	9
78	Memristive autapse involving magnetic coupling and excitatory autapse enhance firing. *Neurocomputing*, **2020**, 379, 296-304	5.4	9
77	Logical Chaotic Resonance in a Bistable System. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2020**, 30, 2050196	2	9

76	Regulating synchronous patterns in neurons and networks via field coupling. *Communications in Nonlinear Science and Numerical Simulation*, **2021**, 95, 105583	3.7	9
75	SELECTION OF SPIRAL WAVE IN THE COUPLED NETWORK UNDER GAUSSIAN COLORED NOISE. *International Journal of Modern Physics B*, **2013**, 27, 1350115	1.1	8
74	Wave filtering and firing modes in a light-sensitive neural circuit. *Journal of Zhejiang University: Science A*, **2021**, 22, 707-720	2.1	8
73	Modeling of memristor-based Hindmarsh-Rose neuron and its dynamical analyses using energy method. *Applied Mathematical Modelling*, **2022**, 101, 503-516	4.5	8
72	Bursting behavior in degenerate optical parametric oscillator under noise. *Optik*, **2017**, 139, 231-238	2.5	7
71	The role of coupling factors on the emergence of synchronization and chimera patterns in network of non-locally coupled pancreatic □cells. *Europhysics Letters*, **2019**, 125, 60001	1.6	7
70	Collapse of Synchronization in a Memristive Network. *Communications in Theoretical Physics*, **2015**, 64, 659-664	2.4	7
69	Robustness, Death of Spiral Wave in the Network of Neurons under Partial Ion Channel Block. *Communications in Theoretical Physics*, **2013**, 59, 233-242	2.4	7
68	Stability of target waves in excitable media under electromagnetic induction and radiation. *Physica A: Statistical Mechanics and Its Applications*, **2019**, 521, 519-530	3.3	6
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