List of Publications by Year in descending order

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259 papers	10,350 citations	26610 56 h-index	53190 85 g-index
262 all docs	262 docs citations	262 times ranked	2352 citing authors

#	Article	IF	Citations
1	Model of electrical activity in a neuron under magnetic flow effect. Nonlinear Dynamics, 2016, 85, 1479-1490.	2.7	388
2	A review for dynamics in neuron and neuronal network. Nonlinear Dynamics, 2017, 89, 1569-1578.	2.7	332
3	Multiple modes of electrical activities in a new neuron model under electromagnetic radiation. Neurocomputing, 2016, 205, 375-381.	3.5	252
4	A review for dynamics of collective behaviors of network of neurons. Science China Technological Sciences, 2015, 58, 2038-2045.	2.0	215
5	Selection of multi-scroll attractors in Jerk circuits and their verification using Pspice. Nonlinear Dynamics, 2014, 76, 1951-1962.	2.7	172
6	Phase synchronization between two neurons induced by coupling of electromagnetic field. Applied Mathematics and Computation, 2017, 307, 321-328.	1.4	164
7	Synchronization between neurons coupled by memristor. Chaos, Solitons and Fractals, 2017, 104, 435-442.	2.5	143
8	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.	1.2	141
9	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.	0.7	133
10	Model of electrical activity in cardiac tissue under electromagnetic induction. Scientific Reports, 2016, 6, 28.	1.6	129
11	Dynamics of electric activities in neuron and neurons of network induced by autapses. Science China Technological Sciences, 2014, 57, 936-946.	2.0	126
12	A physical view of computational neurodynamics. Journal of Zhejiang University: Science A, 2019, 20, 639-659.	1.3	125
13	Transition of electric activity of neurons induced by chemical and electric autapses. Science China Technological Sciences, 2015, 58, 1007-1014.	2.0	124
14	Pattern selection in neuronal network driven by electric autapses with diversity in time delays. International Journal of Modern Physics B, 2015, 29, 1450239.	1.0	117
15	Effect of an autapse on the firing pattern transition in a bursting neuron. Communications in Nonlinear Science and Numerical Simulation, 2014, 19, 3242-3254.	1.7	116
16	Memristive Rulkov Neuron Model With Magnetic Induction Effects. IEEE Transactions on Industrial Informatics, 2022, 18, 1726-1736.	7.2	116
17	Autaptic regulation of electrical activities in neuron under electromagnetic induction. Scientific Reports, 2017, 7, 43452.	1.6	115
18	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.	2.5	115

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19	Synchronization behaviors of coupled neurons under electromagnetic radiation. International Journal of Modern Physics B, 2017, 31, 1650251.	1.0	114
20	Wave emitting and propagation induced by autapse in a forward feedback neuronal network. Neurocomputing, 2015, 167, 378-389.	3.5	113
21	Collective responses in electrical activities of neurons under field coupling. Scientific Reports, 2018, 8, 1349.	1.6	101
22	A class of initials-dependent dynamical systems. Applied Mathematics and Computation, 2017, 298, 65-76.	1.4	99
23	Model electrical activity of neuron under electric field. Nonlinear Dynamics, 2019, 95, 1585-1598.	2.7	99
24	Phase coupling synchronization of FHN neurons connected by a Josephson junction. Science China Technological Sciences, 2020, 63, 2328-2338.	2.0	87
25	Autapse-induced synchronization in a coupled neuronal network. Chaos, Solitons and Fractals, 2015, 80, 31-38.	2.5	84
26	A review and guidance for pattern selection in spatiotemporal system. International Journal of Modern Physics B, 2018, 32, 1830003.	1.0	84
27	A new photosensitive neuron model and its dynamics. Frontiers of Information Technology and Electronic Engineering, 2020, 21, 1387-1396.	1.5	84
28	Complete synchronization, phase synchronization and parameters estimation in a realistic chaotic system. Communications in Nonlinear Science and Numerical Simulation, 2011, 16, 3770-3785.	1.7	82
29	A piezoelectric sensing neuron and resonance synchronization between auditory neurons under stimulus. Chaos, Solitons and Fractals, 2021, 145, 110751.	2.5	82
30	Synchronization realization between two nonlinear circuits via an induction coil coupling. Nonlinear Dynamics, 2019, 96, 205-217.	2.7	80
31	Autapse-induced target wave, spiral wave in regular network of neurons. Science China: Physics, Mechanics and Astronomy, 2014, 57, 1918-1926.	2.0	79
32	Electromagnetic induction and radiation-induced abnormality of wave propagation in excitable media. Physica A: Statistical Mechanics and Its Applications, 2017, 486, 508-516.	1.2	78
33	Delay and diversity-induced synchronization transitions in a small-world neuronal network. Physical Review E, 2011, 83, 046207.	0.8	77
34	Parameters estimation, mixed synchronization, and antisynchronization in chaotic systems. Complexity, 2014, 20, 64-73.	0.9	77
35	Synchronization and wave propagation in neuronal network under field coupling. Science China Technological Sciences, 2019, 62, 448-457.	2.0	77
36	A Chaotic System with Different Shapes of Equilibria. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2016, 26, 1650069.	0.7	75

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37	Weak periodic signal detection by sine-Wiener-noise-induced resonance in the FitzHughâ€“Nagumo neuron. Cognitive Neurodynamics, 2018, 12, 343-349.	2.3	74
38	A new neuron model under electromagnetic field. Applied Mathematics and Computation, 2019, 347, 590-599.	1.4	74
39	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.	0.7	71
40	Minireview on signal exchange between nonlinear circuits and neurons via field coupling. European Physical Journal: Special Topics, 2019, 228, 1907-1924.	1.2	70
41	Bifurcation analysis and diverse firing activities of a modified excitable neuron model. Cognitive Neurodynamics, 2019, 13, 393-407.	2.3	68
42	Emitting waves from defects in network with autapses. Communications in Nonlinear Science and Numerical Simulation, 2015, 23, 164-174.	1.7	67
43	A feasible neuron for estimating the magnetic field effect. Nonlinear Dynamics, 2020, 102, 1849-1867.	2.7	67
44	Dynamics and stochastic resonance in a thermosensitive neuron. Applied Mathematics and Computation, 2020, 385, 125427.	1.4	67
45	Using chaotic artificial neural networks to model memory in the brain. Communications in Nonlinear Science and Numerical Simulation, 2017, 44, 449-459.	1.7	66
46	Simulating the formation of spiral wave in the neuronal system. Nonlinear Dynamics, 2013, 73, 73-83.	2.7	65
47	Energy dependence on the electric activities of a neuron. Chinese Physics B, 2015, 24, 128710.	0.7	65
48	Prediction for breakup of spiral wave in a regular neuronal network. Nonlinear Dynamics, 2016, 84, 497-509.	2.7	64
49	Calculation of Hamilton energy and control of dynamical systems with different types of attractors. Chaos, 2017, 27, 053108.	1.0	64
50	Dynamics and coherence resonance in a thermosensitive neuron driven by photocurrent*. Chinese Physics B, 2020, 29, 098704.	0.7	64
51	Investigation of the lattice expansion for Ni nanoparticles. Materials Characterization, 2007, 58, 1019-1024.	1.9	63
52	Optimize design of adaptive synchronization controllers and parameter observers in different hyperchaotic systems. Applied Mathematics and Computation, 2010, 215, 3318-3326.	1.4	63
53	Simulating electric activities of neurons by using PSPICE. Nonlinear Dynamics, 2014, 75, 113-126.	2.7	62
54	Astrocyte calcium wave induces seizure-like behavior in neuron network. Science China Technological Sciences, 2017, 60, 1011-1018.	2.0	62

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55	What is the most suitable Lyapunov function?. Chaos, Solitons and Fractals, 2021, 150, 111154.	2.5	62
56	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.	0.7	59
57	Phase synchronization and energy balance between neurons. Frontiers of Information Technology and Electronic Engineering, 2022, 23, 1407-1420.	1.5	59
58	Energy estimation and coupling synchronization between biophysical neurons. Science China Technological Sciences, 2020, 63, 625-636.	2.0	58
59	Channel noise-induced phase transition of spiral wave in networks of Hodgkin-Huxley neurons. Science Bulletin, 2011, 56, 151-157.	1.7	57
60	Collective response, synapse coupling and field coupling in neuronal network. Chaos, Solitons and Fractals, 2017, 105, 120-127.	2.5	57
61	Controlling a chaotic resonator by means of dynamic track control. Complexity, 2015, 21, 370-378.	0.9	55
62	Modeling of epilepsy based on chaotic artificial neural network. Chaos, Solitons and Fractals, 2017, 105, 150-156.	2.5	55
63	LÃ©vy noise improves the electrical activity in a neuron under electromagnetic radiation. PLoS ONE, 2017, 12, e0174330.	1.1	55
64	Memristive neuron model with an adapting synapse and its hardware experiments. Science China Technological Sciences, 2021, 64, 1107-1117.	2.0	55
65	Modeling of memristor-based Hindmarsh-Rose neuron and its dynamical analyses using energy method. Applied Mathematical Modelling, 2022, 101, 503-516.	2.2	55
66	Phase synchronization between a light-dependent neuron and a thermosensitive neuron. Neurocomputing, 2021, 423, 518-534.	3.5	54
67	Transition from spiral wave to target wave and other coherent structures in the networks of Hodgkinâ€“Huxley neurons. Applied Mathematics and Computation, 2010, 217, 3844-3852.	1.4	53
68	Synchronization stability between initial-dependent oscillators with periodical and chaotic oscillation. Journal of Zhejiang University: Science A, 2018, 19, 889-903.	1.3	53
69	Chaos and multi-scroll attractors in RCL-shunted junction coupled Jerk circuit connected by memristor. PLoS ONE, 2018, 13, e0191120.	1.1	53
70	Biophysical mechanism of signal encoding in an auditory neuron. Nonlinear Dynamics, 2021, 105, 3603-3614.	2.7	53
71	Chemical and electrical synapse-modulated dynamical properties of coupled neurons under magnetic flow. Applied Mathematics and Computation, 2019, 348, 42-56.	1.4	52
72	Spiral wave death, breakup induced by ion channel poisoning on regular Hodgkinâ€“Huxley neuronal networks. Communications in Nonlinear Science and Numerical Simulation, 2012, 17, 4281-4293.	1.7	51

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73	Mode selection in electrical activities of myocardial cell exposed to electromagnetic radiation. Chaos, Solitons and Fractals, 2017, 99, 219-225.	2.5	51
74	Differential coupling contributes to synchronization via a capacitor connection between chaotic circuits. Frontiers of Information Technology and Electronic Engineering, 2019, 20, 571-583.	1.5	51
75	Dynamical behavior and application in Josephson Junction coupled by memristor. Applied Mathematics and Computation, 2018, 321, 290-299.	1.4	50
76	Energy dependence on discharge mode of Izhikevich neuron driven by external stimulus under electromagnetic induction. Cognitive Neurodynamics, 2021, 15, 265-277.	2.3	49
77	Clarify the physical process for fractional dynamical systems. Nonlinear Dynamics, 2020, 100, 2353-2364.	2.7	48
78	How to wake up the electric synapse coupling between neurons?. Nonlinear Dynamics, 2022, 108, 1681-1695.	2.7	48
79	Reproduce the biophysical function of chemical synapse by using a memristive synapse. Nonlinear Dynamics, 2022, 109, 2063-2084.	2.7	48
80	Chaos control, spiral wave formation, and the emergence ofÂspatiotemporal chaos in networked Chua circuits. Nonlinear Dynamics, 2012, 67, 139-146.	2.7	47
81	Formation of Autapse Connected to Neuron and Its Biological Function. Complexity, 2017, 2017, 1-9.	0.9	47
82	Impact of bounded noise on the formation and instability of spiral wave in a 2D Lattice of neurons. Scientific Reports, 2017, 7, 43151.	1.6	46
83	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.	0.7	46
84	Temperature effect on memristive ion channels. Cognitive Neurodynamics, 2019, 13, 601-611.	2.3	46
85	Dynamic transition of neuronal firing induced by abnormal astrocytic glutamate oscillation. Scientific Reports, 2016, 6, 32343.	1.6	45
86	Synchronization dependence on initial setting of chaotic systems without equilibria. Chaos, Solitons and Fractals, 2018, 110, 124-132.	2.5	44
87	Autapse-Induced Spiral Wave in Network of Neurons under Noise. PLoS ONE, 2014, 9, e100849.	1.1	44
88	Cooperative dynamics in neuronal networks. Chaos, Solitons and Fractals, 2013, 56, 19-27.	2.5	43
89	Selection of spatial pattern on resonant network of coupled memristor and Josephson junction. Communications in Nonlinear Science and Numerical Simulation, 2018, 65, 79-90.	1.7	43
90	Synchronization control between two Chuaâ€²s circuits via capacitive coupling. Applied Mathematics and Computation, 2019, 360, 94-106.	1.4	43

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91	Enhance sensitivity to illumination and synchronization in light-dependent neurons*. Chinese Physics B, 2021, 30, 120510.	0.7	42
92	Wave filtering and firing modes in a light-sensitive neural circuit. Journal of Zhejiang University: Science A, 2021, 22, 707-720.	1.3	42
93	Simulating the electric activity of FitzHughâ€“Nagumo neuron by using Josephson junction model. Nonlinear Dynamics, 2012, 69, 2169-2179.	2.7	41
94	Suppression of spiral waves using intermittent local electric shock. Chinese Physics B, 2007, 16, 955-961.	1.3	40
95	Control and synchronization in nonlinear circuits by using a thermistor. Modern Physics Letters B, 2020, 34, 2050267.	1.0	40
96	Capacitor coupling induces synchronization between neural circuits. Nonlinear Dynamics, 2019, 97, 2661-2673.	2.7	39
97	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.	2.0	38
98	Synchronization stability and pattern selection in a memristive neuronal network. Chaos, 2017, 27, 113108.	1.0	38
99	Estimate the electrical activity in a neuron under depolarization field. Chaos, Solitons and Fractals, 2021, 142, 110522.	2.5	38
100	Noise and delay sustained chimera state in small world neuronal network. Science China Technological Sciences, 2019, 62, 1134-1140.	2.0	37
101	Spiral Wave in Small-World Networks of Hodgkinâ€“Huxley Neurons. Communications in Theoretical Physics, 2010, 54, 583-588.	1.1	35
102	Effect of calcium channel noise in astrocytes on neuronal transmission. Communications in Nonlinear Science and Numerical Simulation, 2016, 32, 262-272.	1.7	35
103	Effects of electromagnetic induction and noise on the regulation of sleep wake cycle. Science China Technological Sciences, 2019, 62, 2113-2119.	2.0	35
104	Selection of Multiarmed Spiral Waves in a Regular Network of Neurons. PLoS ONE, 2013, 8, e69251.	1.1	34
105	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.	1.2	34
106	Information Transmission in a Neuron-Astrocyte Coupled Model. PLoS ONE, 2013, 8, e80324.	1.1	33
107	Can Hamilton energy feedback suppress the chameleon chaotic flow?. Nonlinear Dynamics, 2018, 94, 669-677.	2.7	33
108	Taking control of initiated propagating wave in a neuronal network using magnetic radiation. Applied Mathematics and Computation, 2018, 338, 141-151.	1.4	33

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109	The Formation Mechanism of Defects, Spiral Wave in the Network of Neurons. PLoS ONE, 2013, 8, e55403.	1.1	32
110	Heterogeneous delay-induced asynchrony and resonance in a small-world neuronal network system. Europhysics Letters, 2016, 114, 50006.	0.7	32
111	Crack synchronization of chaotic circuits under field coupling. Nonlinear Dynamics, 2018, 93, 2057-2069.	2.7	32
112	Autaptic Modulation of Electrical Activity in a Network of Neuron-Coupled Astrocyte. Complexity, 2017, 2017, 1-13.	0.9	31
113	Mode selection in a neuron driven by Josephson junction current in presence of magnetic field. Chinese Journal of Physics, 2021, 71, 72-84.	2.0	30
114	Energy flow-guided synchronization between chaotic circuits. Applied Mathematics and Computation, 2020, 374, 124998.	1.4	30
115	Multiplicative-noise-induced coherence resonance via two different mechanisms in bistable neural models. Physical Review E, 2008, 77, 061905.	0.8	29
116	Collapse of ordered spatial pattern in neuronal network. Physica A: Statistical Mechanics and Its Applications, 2016, 451, 95-112.	1.2	29
117	Autonomic learning via saturation gain method, and synchronization between neurons. Chaos, Solitons and Fractals, 2020, 131, 109533.	2.5	29
118	Synchronization and spatial patterns in a light-dependent neural network. Communications in Nonlinear Science and Numerical Simulation, 2020, 89, 105297.	1.7	29
119	Breakup of Spiral Waves in Coupled Hindmarshâ€“Rose Neurons. Chinese Physics Letters, 2008, 25, 4325-4328.	1.3	28
120	Instability and Death of Spiral Wave in a Two-Dimensional Array of Hindmarshâ€“Rose Neurons. Communications in Theoretical Physics, 2010, 53, 382-388.	1.1	28
121	Spectral properties of the temporal evolution of brain network structure. Chaos, 2015, 25, 123112.	1.0	28
122	Emergence and robustness of target waves in a neuronal network. International Journal of Modern Physics B, 2015, 29, 1550164.	1.0	28
123	Logical Chaotic Resonance in a Bistable System. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2020, 30, 2050196.	0.7	27
124	Calculation of Hamilton energy function of dynamical system by using Helmholtz theorem. Wuli Xuebao/Acta Physica Sinica, 2016, 65, 240501.	0.2	27
125	Detecting the breakup of spiral waves in small-world networks of neurons due to channel block. Science Bulletin, 2012, 57, 2094-2101.	1.7	26
126	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.	0.5	25

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127	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.	1.7	25
128	Emergence of spiral wave induced by defects block. Communications in Nonlinear Science and Numerical Simulation, 2013, 18, 1665-1675.	1.7	25
129	An introduction and guidance for neurodynamics. Science Bulletin, 2015, 60, 1969-1971.	4.3	25
130	Termination of pinned spirals by local stimuli. Europhysics Letters, 2016, 113, 38004.	0.7	25
131	Phase synchronization and lock between memristive circuits under field coupling. AEU - International Journal of Electronics and Communications, 2019, 105, 177-185.	1.7	25
132	Regulating synchronous patterns in neurons and networks via field coupling. Communications in Nonlinear Science and Numerical Simulation, 2021, 95, 105583.	1.7	25
133	Liberation of a pinned spiral wave by a rotating electric pulse. Europhysics Letters, 2014, 107, 38001.	0.7	24
134	Enhanced logical chaotic resonance. Chaos, 2021, 31, 023103.	1.0	24
135	Control spiral and multi-spiral wave in the complex Ginzburgâ€“Landau equation. Chaos, Solitons and Fractals, 2008, 38, 521-530.	2.5	23
136	Memristive autapse involving magnetic coupling and excitatory autapse enhance firing. Neurocomputing, 2020, 379, 296-304.	3.5	23
137	A time-varying hyperchaotic system and its realization inÂcircuit. Nonlinear Dynamics, 2010, 62, 535-541.	2.7	22
138	Transmission of blocked electric pulses in a cable neuron model by using an electric field. Neurocomputing, 2016, 216, 627-637.	3.5	22
139	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.	0.2	22
140	A differentially private nonnegative matrix factorization for recommender system. Information Sciences, 2022, 592, 21-35.	4.0	22
141	Control of firing activities in thermosensitive neuron by activating excitatory autapse*. Chinese Physics B, 2021, 30, 100501.	0.7	21
142	Pattern formation in a thermosensitive neural network. Communications in Nonlinear Science and Numerical Simulation, 2022, 111, 106426.	1.7	21
143	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.	2.5	20
144	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.	1.7	20

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145	Emitting waves from heterogeneity by a rotating electric field. Chaos, 2013, 23, 033141.	1.0	20
146	TRANSITION OF ORDERED WAVES IN NEURONAL NETWORK INDUCED BY DIFFUSIVE POISONING OF ION CHANNELS. Journal of Biological Systems, 2013, 21, 1350002.	0.5	20
147	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.	1.0	20
148	Emergence of target waves in neuronal networks due to diverse forcing currents. Science China: Physics, Mechanics and Astronomy, 2013, 56, 1126-1138.	2.0	19
149	Detection of ordered wave in the networks of neurons with changeable connection. Science China: Physics, Mechanics and Astronomy, 2013, 56, 952-959.	2.0	19
150	Asymmetric supercapacitors based on high capacitance Ni6MnO8 and graphene. Chinese Chemical Letters, 2019, 30, 1329-1334.	4.8	19
151	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.	1.2	19
152	Eliminate spiral wave in excitable media by using a new feasible scheme. Communications in Nonlinear Science and Numerical Simulation, 2010, 15, 1768-1776.	1.7	18
153	Identification of parameters with different orders of magnitude in chaotic systems. Dynamical Systems, 2012, 27, 253-270.	0.2	18
154	Force exerted on the spiral tip by the heterogeneity in an excitable medium. Europhysics Letters, 2013, 104, 58005.	0.7	18
155	Field coupling benefits signal exchange between Colpitts systems. Applied Mathematics and Computation, 2019, 342, 45-54.	1.4	18
156	Suppression of spiral waves in light-sensitive media using chaotic signal modulated scheme. Chaos, Solitons and Fractals, 2007, 33, 965-970.	2.5	17
157	The influence of diversity on spiral wave in the cardiac tissue. Europhysics Letters, 2012, 97, 28003.	0.7	17
158	Defects formation and wave emitting from defects in excitable media. Communications in Nonlinear Science and Numerical Simulation, 2016, 34, 55-65.	1.7	17
159	Spatiotemporal dynamics in excitable homogeneous random networks composed of periodically self-sustained oscillation. Scientific Reports, 2017, 7, 11885.	1.6	17
160	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.	1.1	17
161	Synchronization in networks of initially independent dynamical systems. Physica A: Statistical Mechanics and Its Applications, 2019, 520, 370-380.	1.2	17
162	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.	1.5	17

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163	Field coupling synchronization between chaotic circuits via a memristor. AEU - International Journal of Electronics and Communications, 2020, 115, 153050.	1.7	17
164	Growth mechanism of Cu nanopowders prepared by anodic are plasma. Transactions of Nonferrous Metals Society of China, 2006, 16, 168-172.	1.7	16
165	Noise effect on persistence of memory in a positive-feedback gene regulatory circuit. Physical Review E, 2009, 80, 011907.	0.8	16
166	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.	1.7	16
167	Suppression of chaos via control of energy flow. Pramana - Journal of Physics, 2018, 90, 1.	0.9	16
168	Synchronization between memristive and initial-dependent oscillators driven by noise. Physica A: Statistical Mechanics and Its Applications, 2019, 536, 122598.	1.2	16
169	Electric Field-induced dynamical evolution of spiral wave in the regular networks of Hodgkinâ€“Huxley neurons. Applied Mathematics and Computation, 2011, 218, 4467-4474.	1.4	15
170	Detection of noise effect on coupled neuronal circuits. Communications in Nonlinear Science and Numerical Simulation, 2015, 29, 170-178.	1.7	15
171	Pattern Selection in Network of Coupled Multi-Scroll Attractors. PLoS ONE, 2016, 11, e0154282.	1.1	15
172	Synchronization behaviors of coupled systems composed of hidden attractors. International Journal of Modern Physics B, 2017, 31, 1750180.	1.0	15
173	Signal transmission by autapse with constant or time-periodic coupling intensity in the FitzHughâ€“Nagumo neuron. European Physical Journal: Special Topics, 2018, 227, 757-766.	1.2	15
174	Stability of target waves in excitable media under electromagnetic induction and radiation. Physica A: Statistical Mechanics and Its Applications, 2019, 521, 519-530.	1.2	15
175	Nonlinear dynamics of COVID-19 pandemic: modeling, control, and future perspectives. Nonlinear Dynamics, 2020, 101, 1525-1526.	2.7	15
176	Capturing and shunting energy in chaotic Chua circuit. Chaos, Solitons and Fractals, 2020, 134, 109697.	2.5	15
177	Suppression of the Spiral Wave and Turbulence inÂtheÂExcitability-Modulated Media. International Journal of Theoretical Physics, 2009, 48, 150-157.	0.5	14
178	The dynamics of spiral tip adjacent to inhomogeneity in cardiac tissue. Physica A: Statistical Mechanics and Its Applications, 2018, 491, 340-346.	1.2	14
179	Control of multi-scroll attractors in a memristor-coupled resonator via time-delayed feedback. Modern Physics Letters B, 2018, 32, 1850399.	1.0	14
180	Field coupling-induced synchronization via a capacitor and inductor. Chinese Journal of Physics, 2019, 62, 9-25.	2.0	14

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181	Effects of multiplicative-noise and coupling on synchronization in thermosensitive neural circuits. Chaos, Solitons and Fractals, 2021, 151, 111203.	2.5	14
182	Chaos-induced Setâ€“Reset latch operation. Chaos, Solitons and Fractals, 2021, 152, 111339.	2.5	14
183	Spiral waves in systems with fractal heterogeneity. Physica A: Statistical Mechanics and Its Applications, 2013, 392, 5764-5771.	1.2	13
184	Multi-channels coupling-induced pattern transition in a tri-layer neuronal network. Physica A: Statistical Mechanics and Its Applications, 2018, 493, 54-68.	1.2	13
185	Resonance synchronisation between memristive oscillators and network without variable coupling. Pramana - Journal of Physics, 2021, 95, 1.	0.9	13
186	The instability of the spiral wave induced by the deformation of elastic excitable media. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 385105.	0.7	12
187	Ca2+ spiral waves in a spatially discrete and random medium. European Biophysics Journal, 2009, 38, 1061-1068.	1.2	12
188	PROPAGATION AND SYNCHRONIZATION OF Ca²⁺ SPIRAL WAVES IN EXCITABLE MEDIA. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2011, 21, 587-601.	0.7	12
189	Dislocation Coupling-Induced Transition of Synchronization in Two-Layer Neuronal Networks. Communications in Theoretical Physics, 2014, 62, 755-767.	1.1	12
190	Formation of multi-armed spiral waves in neuronal network induced by adjusting ion channel conductance. International Journal of Modern Physics B, 2015, 29, 1550043.	1.0	12
191	The influence of autapse on synchronous firing in small-world neural networks. Physica A: Statistical Mechanics and Its Applications, 2022, 594, 126956.	1.2	12
192	Numerical study of IP₃-dependent Ca²⁺spiral waves in Xenopus oocytes. Europhysics Letters, 2008, 83, 68001.	0.7	11
193	Insensitivity of synchronization to network structure in chaotic pendulum systems with time-delay coupling. Chaos, 2017, 27, 126702.	1.0	11
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