

Xiaofeng Liao

List of Publications by Year in descending order

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372
papers

12,485
citations

24978

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376
times ranked

5604
citing authors

#	ARTICLE	IF	CITATIONS
1	Event-Triggering Sampling Based Leader-Following Consensus in Second-Order Multi-Agent Systems. IEEE Transactions on Automatic Control, 2015, 60, 1998-2003.	3.6	525
2	Delay-dependent exponential stability analysis of delayed neural networks: an LMI approach. Neural Networks, 2002, 15, 855-866.	3.3	406
3	LMI-based approach for asymptotically stability analysis of delayed neural networks. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2002, 49, 1033-1039.	0.1	321
4	Image encryption using 2D Hénon-Sine map and DNA approach. Signal Processing, 2018, 153, 11-23.	2.1	316
5	Robust stability for interval Hopfield neural networks with time delay. IEEE Transactions on Neural Networks, 1998, 9, 1042-1045.	4.8	258
6	A novel method for designing S-boxes based on chaotic maps. Chaos, Solitons and Fractals, 2005, 23, 413-419.	2.5	221
7	Novel robust stability criteria for interval-delayed Hopfield neural networks. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2001, 48, 1355-1359.	0.1	214
8	Analysis and improvement of a chaos-based image encryption algorithm. Chaos, Solitons and Fractals, 2009, 40, 2191-2199.	2.5	214
9	An extended method for obtaining S-boxes based on three-dimensional chaotic Baker maps. Chaos, Solitons and Fractals, 2007, 31, 571-579.	2.5	190
10	Passivity analysis of neural networks with time delay. IEEE Transactions on Circuits and Systems Part 2: Express Briefs, 2005, 52, 471-475.	2.3	174
11	A novel block cryptosystem based on iterating a chaotic map. Physics Letters, Section A: General, Atomic and Solid State Physics, 2006, 349, 109-115.	0.9	173
12	Criteria for exponential stability of Cohen-Grossberg neural networks. Neural Networks, 2004, 17, 1401-1414.	3.3	172
13	Event-triggered asynchronous intermittent communication strategy for synchronization in complex dynamical networks. Neural Networks, 2015, 66, 1-10.	3.3	169
14	Qualitative analysis of Bi-directional Associative Memory with time delay. International Journal of Circuit Theory and Applications, 1998, 26, 219-229.	1.3	164
15	A novel key agreement protocol based on chaotic maps. Information Sciences, 2007, 177, 1136-1142.	4.0	162
16	Color image encryption based on chaotic systems and elliptic curve ElGamal scheme. Signal Processing, 2017, 141, 109-124.	2.1	143
17	Event-triggered synchronization strategy for complex dynamical networks with the Markovian switching topologies. Neural Networks, 2016, 74, 52-57.	3.3	139
18	A block cipher with dynamic S-boxes based on tent map. Communications in Nonlinear Science and Numerical Simulation, 2009, 14, 3089-3099.	1.7	137

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19	Bifurcation analysis on a two-neuron system with distributed delays. <i>Physica D: Nonlinear Phenomena</i> , 2001, 149, 123-141.	1.3	129
20	Cooperative Distributed Optimization in Multiagent Networks With Delays. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2015, 45, 363-369.	5.9	125
21	One-way Hash function construction based on the chaotic map with changeable-parameter. <i>Chaos, Solitons and Fractals</i> , 2005, 24, 65-71.	2.5	115
22	Selective encryption for gray images based on chaos and DNA complementary rules. <i>Multimedia Tools and Applications</i> , 2015, 74, 4655-4677.	2.6	114
23	Hopf bifurcation and chaos in a single delayed neuron equation with non-monotonic activation function. <i>Chaos, Solitons and Fractals</i> , 2001, 12, 1535-1547.	2.5	111
24	MEMRISTOR MODEL AND ITS APPLICATION FOR CHAOS GENERATION. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2012, 22, 1250205.	0.7	111
25	Secure and Efficient Data Communication Protocol for Wireless Body Area Networks. <i>IEEE Transactions on Multi-Scale Computing Systems</i> , 2016, 2, 94-107.	2.5	111
26	Second-Order Locally Dynamical Consensus of Multiagent Systems With Arbitrarily Fast Switching Directed Topologies. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2013, 43, 1343-1353.	5.9	108
27	Event-Based Consensus Control for a Linear Directed Multiagent System With Time Delay. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2015, 62, 281-285.	2.2	108
28	Delay-dependent exponential stability analysis of bi-directional associative memory neural networks with time delay: an LMI approach. <i>Chaos, Solitons and Fractals</i> , 2005, 24, 1119-1134.	2.5	103
29	Second-Order Consensus Seeking in Multi-Agent Systems With Nonlinear Dynamics Over Random Switching Directed Networks. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2013, 60, 1595-1607.	3.5	102
30	An efficient mixed inter-intra pixels substitution at 2bits-level for image encryption technique using DNA and chaos. <i>Optik</i> , 2018, 153, 117-134.	1.4	99
31	One-way hash function construction based on 2D coupled map lattices. <i>Information Sciences</i> , 2008, 178, 1391-1406.	4.0	98
32	A fast image encryption and authentication scheme based on chaotic maps. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2010, 15, 3507-3517.	1.7	98
33	OPFKA: Secure and efficient Ordered-Physiological-Feature-based key agreement for wireless Body Area Networks. , 2013, , .		95
34	One-way Hash function construction based on the chaotic map with changeable-parameter. <i>Chaos, Solitons and Fractals</i> , 2005, 24, 65-71.	2.5	95
35	Impulsive effects on stability of high-order BAM neural networks with time delays. <i>Neurocomputing</i> , 2011, 74, 1541-1550.	3.5	94
36	Cryptanalysis and enhancements of image encryption based on three-dimensional bit matrix permutation. <i>Signal Processing</i> , 2018, 142, 292-300.	2.1	91

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37	Hopf bifurcation and chaos in a single inertial neuron model with time delay. <i>European Physical Journal B</i> , 2004, 41, 337-343.	0.6	90
38	Parallel image encryption algorithm based on discretized chaotic map. <i>Chaos, Solitons and Fractals</i> , 2008, 38, 1081-1092.	2.5	90
39	Dynamics of an inertial two-neuron system with time delay. <i>Nonlinear Dynamics</i> , 2009, 58, 573-609.	2.7	86
40	Edge detection of noisy images based on cellular neural networks. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2011, 16, 3746-3759.	1.7	84
41	Global robust asymptotical stability of multi-delayed interval neural networks: an LMI approach. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2004, 328, 452-462.	0.9	83
42	An LMI approach to asymptotical stability of multi-delayed neural networks. <i>Physica D: Nonlinear Phenomena</i> , 2005, 200, 139-155.	1.3	82
43	Complete and lag synchronization of hyperchaotic systems using small impulses. <i>Chaos, Solitons and Fractals</i> , 2004, 22, 857-867.	2.5	78
44	Robust Stability of Interval Bidirectional Associative Memory Neural Network With Time Delays. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2004, 34, 1142-1154.	5.5	74
45	Novel stability criteria for bidirectional associative memory neural networks with time delays. <i>International Journal of Circuit Theory and Applications</i> , 2002, 30, 519-546.	1.3	73
46	A novel non-equilibrium fractional-order chaotic system and its complete synchronization by circuit implementation. <i>Nonlinear Dynamics</i> , 2012, 68, 137-149.	2.7	73
47	Impulsive synchronization of nonlinear coupled chaotic systems. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2004, 328, 47-50.	0.9	69
48	A fast and efficient approach to color-image encryption based on compressive sensing and fractional Fourier transform. <i>Multimedia Tools and Applications</i> , 2018, 77, 2191-2208.	2.6	68
49	NOVEL STABILITY CONDITIONS FOR CELLULAR NEURAL NETWORKS WITH TIME DELAY. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2001, 11, 1853-1864.	0.7	66
50	Convergence dynamics of hybrid bidirectional associative memory neural networks with distributed delays. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2003, 316, 55-64.	0.9	66
51	A method for designing dynamical S-boxes based on discretized chaotic map. <i>Chaos, Solitons and Fractals</i> , 2005, 23, 1901-1909.	2.5	66
52	Leader-following finite-time consensus in second-order multi-agent networks with nonlinear dynamics. <i>International Journal of Control, Automation and Systems</i> , 2013, 11, 422-426.	1.6	66
53	Parallel keyed hash function construction based on chaotic maps. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2008, 372, 4682-4688.	0.9	63
54	Parallel keyed hash function construction based on chaotic neural network. <i>Neurocomputing</i> , 2009, 72, 2288-2296.	3.5	62

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55	A chaos-based hash function with both modification detection and localization capabilities. Communications in Nonlinear Science and Numerical Simulation, 2010, 15, 2254-2261.	1.7	62
56	Leader-Following Consensus in Second-Order Multiagent Systems via Event-Triggered Control With Nonperiodic Sampled Data. IEEE Transactions on Circuits and Systems II: Express Briefs, 2015, 62, 1007-1011.	2.2	62
57	Reinforcement Learning in Energy Trading Game among Smart Microgrids. IEEE Transactions on Industrial Electronics, 2016, , 1-1.	5.2	61
58	Cryptanalysis and improvement on a block cryptosystem based on iteration a chaotic map. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 363, 277-281.	0.9	60
59	Accelerated Convergence Algorithm for Distributed Constrained Optimization under Time-Varying General Directed Graphs. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 2612-2622.	5.9	60
60	Bifurcation analysis on a two-neuron system with distributed delays in the frequency domain. Neural Networks, 2004, 17, 545-561.	3.3	59
61	An electronic implementation for Liao's chaotic delayed neuron model with non-monotonous activation function. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 369, 37-43.	0.9	58
62	Using time-stamp to improve the security of a chaotic maps-based key agreement protocol. Information Sciences, 2008, 178, 1598-1602.	4.0	58
63	Memristive crossbar array with applications in image processing. Science China Information Sciences, 2012, 55, 461-472.	2.7	56
64	Stability switches and bifurcation analysis of a neural network with continuously delay. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 1999, 29, 692-696.	3.4	55
65	Second-order consensus seeking in directed networks of multi-agent dynamical systems via generalized linear local interaction protocols. Nonlinear Dynamics, 2012, 70, 2213-2226.	2.7	55
66	Achieving Acceleration for Distributed Economic Dispatch in Smart Grids Over Directed Networks. IEEE Transactions on Network Science and Engineering, 2020, 7, 1988-1999.	4.1	55
67	Stability analyses of cellular neural networks with continuous time delay. Journal of Computational and Applied Mathematics, 2002, 143, 29-47.	1.1	50
68	A new color image encryption scheme based on logistic map over the finite field Z_N . Multimedia Tools and Applications, 2018, 77, 21803-21821.	2.6	50
69	Stability of bifurcating periodic solutions for a single delayed inertial neuron model under periodic excitation. Nonlinear Analysis: Real World Applications, 2009, 10, 2384-2395.	0.9	49
70	Cryptanalysis of a cryptosystem using multiple one-dimensional chaotic maps. Communications in Nonlinear Science and Numerical Simulation, 2007, 12, 814-822.	1.7	48
71	A More Secure Chaotic Cryptographic Scheme Based on the Dynamic Look-Up Table. Circuits, Systems, and Signal Processing, 2005, 24, 571-584.	1.2	47
72	Hopf bifurcation in love dynamical models with nonlinear couples and time delays. Chaos, Solitons and Fractals, 2007, 31, 853-865.	2.5	47

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73	Stability and Hopf Bifurcation in a Computer Virus Model with Multistate Antivirus. Abstract and Applied Analysis, 2012, 2012, 1-16.	0.3	47
74	A novel robust dual diffusion/confusion encryption technique for color image based on Chaos, DNA and SHA-2. Multimedia Tools and Applications, 2019, 78, 2105-2133.	2.6	47
75	Stability and bifurcation analysis in tri-neuron model with time delay. Nonlinear Dynamics, 2007, 49, 319-345.	2.7	46
76	Stability and Hopf bifurcation of a complex-valued neural network with two time delays. Nonlinear Dynamics, 2015, 82, 173-184.	2.7	46
77	Exploiting Optics Chaos for Image Encryption-Then-Transmission. Journal of Lightwave Technology, 2016, 34, 5101-5109.	2.7	46
78	A new chaotic cryptosystem. Chaos, Solitons and Fractals, 2006, 30, 1143-1152.	2.5	45
79	Robust Computation Offloading and Resource Scheduling in Cloudlet-Based Mobile Cloud Computing. IEEE Transactions on Mobile Computing, 2021, 20, 2025-2040.	3.9	44
80	Delay-dependent asymptotic stability for neural networks with distributed delays. Nonlinear Analysis: Real World Applications, 2006, 7, 1178-1192.	0.9	43
81	Leader-following second-order consensus in multi-agent systems with sampled data via pinning control. Nonlinear Dynamics, 2014, 78, 555-569.	2.7	43
82	Leader-Following Consensus of Discrete-Time Multiagent Systems With Encoding"Decoding. IEEE Transactions on Circuits and Systems II: Express Briefs, 2016, 63, 401-405.	2.2	43
83	Impulsive control, complete and lag synchronization of unified chaotic system with continuous periodic switch. Chaos, Solitons and Fractals, 2005, 26, 845-854.	2.5	41
84	Bogdanov"Takens bifurcation in a tri-neuron BAM neural network model with multiple delays. Nonlinear Dynamics, 2013, 71, 583-595.	2.7	41
85	Cryptanalysis and enhancement of an image encryption scheme based on a 1-D coupled Sine map. Nonlinear Dynamics, 2020, 100, 2917-2931.	2.7	41
86	Algebraic criteria for second-order global consensus in multi-agent networks with intrinsic nonlinear dynamics and directed topologies. Information Sciences, 2014, 259, 25-35.	4.0	40
87	Event-triggered differentially private average consensus for multi-agent network. IEEE/CAA Journal of Automatica Sinica, 2019, 6, 75-83.	8.5	40
88	Privacy Masking Stochastic Subgradient-Push Algorithm for Distributed Online Optimization. IEEE Transactions on Cybernetics, 2021, 51, 3224-3237.	6.2	40
89	LOCAL STABILITY, HOPF AND RESONANT CODIMENSION-TWO BIFURCATION IN A HARMONIC OSCILLATOR WITH TWO TIME DELAYS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2001, 11, 2105-2121.	0.7	39
90	A modified (Dual) fusion technique for image encryption using SHA-256 hash and multiple chaotic maps. Multimedia Tools and Applications, 2016, 75, 11241-11266.	2.6	39

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91	Global exponential stability of hybrid bidirectional associative memory neural networks with discrete delays. <i>Physical Review E</i> , 2003, 67, 042901.	0.8	37
92	Global and Robust Stability of Interval Hopfield Neural Networks with Time-Varying Delays. <i>International Journal of Neural Systems</i> , 2003, 13, 171-182.	3.2	37
93	Global exponential stability for a class of generalized neural networks with distributed delays. <i>Nonlinear Analysis: Real World Applications</i> , 2004, 5, 527-547.	0.9	37
94	Cryptanalysis of a color image encryption algorithm based on chaos. <i>Optik</i> , 2013, 124, 5411-5415.	1.4	37
95	A unified approach for impulsive lag synchronization of chaotic systems with time delay. <i>Chaos, Solitons and Fractals</i> , 2005, 23, 1177-1184.	2.5	36
96	Hopf bifurcation and chaos analysis of Chen's system with distributed delays. <i>Chaos, Solitons and Fractals</i> , 2005, 25, 197-220.	2.5	36
97	One-way hash function construction based on chaotic map network. <i>Chaos, Solitons and Fractals</i> , 2009, 41, 2566-2574.	2.5	36
98	Hopf's pitchfork bifurcation in an inertial two-neuron system with time delay. <i>Neurocomputing</i> , 2012, 97, 223-232.	3.5	36
99	An efficient entire chaos-based scheme for deniable authentication. <i>Chaos, Solitons and Fractals</i> , 2005, 23, 1327-1331.	2.5	36
100	On the Security of Public-Key Algorithms Based on Chebyshev Polynomials over the Finite Field \mathbb{Z}_N . <i>IEEE Transactions on Computers</i> , 2010, 59, 1392-1401.	2.4	35
101	A novel scheme for simultaneous image compression and encryption based on wavelet packet transform and multi-chaotic systems. <i>Multimedia Tools and Applications</i> , 2018, 77, 28633-28663.	2.6	35
102	Effects of initial conditions on the synchronization of the coupled memristor neural circuits. <i>Nonlinear Dynamics</i> , 2019, 95, 1269-1282.	2.7	35
103	A method for designing dynamical S-boxes based on discretized chaotic map. <i>Chaos, Solitons and Fractals</i> , 2005, 23, 1901-1909.	2.5	35
104	Existence and exponential stability of periodic solution of BAM neural networks with impulse and time-varying delay. <i>Chaos, Solitons and Fractals</i> , 2007, 33, 1028-1039.	2.5	34
105	An improved chaotic cryptosystem with external key. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2008, 13, 1879-1887.	1.7	34
106	Hopf Bifurcation on a Two-Neuron System with Distributed Delays: A Frequency Domain Approach. <i>Nonlinear Dynamics</i> , 2003, 31, 299-326.	2.7	33
107	ANTI-SYNCHRONIZATION OF A CLASS OF COUPLED CHAOTIC SYSTEMS VIA LINEAR FEEDBACK CONTROL. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2006, 16, 1041-1047.	0.7	33
108	Delay-dependent asymptotic stability of a two-neuron system with different time delays. <i>Chaos, Solitons and Fractals</i> , 2006, 28, 437-447.	2.5	33

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109	A novel chaotic encryption scheme based on arithmetic coding. Chaos, Solitons and Fractals, 2008, 38, 1523-1531.	2.5	33
110	Period Distribution of the Generalized Discrete Arnold Cat Map for $N = 2^e$. IEEE Transactions on Information Theory, 2013, 59, 3249-3255.	1.5	33
111	Kernel Least Mean Square with Single Feedback. IEEE Signal Processing Letters, 2015, 22, 953-957.	2.1	33
112	A novel pseudo-random number generator from coupled map lattice with time-varying delay. Nonlinear Dynamics, 2018, 94, 325-341.	2.7	33
113	A novel image encryption scheme based on improved random number generator and its implementation. Nonlinear Dynamics, 2019, 95, 1781-1805.	2.7	33
114	A novel image encryption scheme based on logistic map and dynamical modular curve. Multimedia Tools and Applications, 2018, 77, 8911-8938.	2.6	32
115	DELAY-DEPENDENT AND DELAY-INDEPENDENT STABILITY CRITERIA FOR CELLULAR NEURAL NETWORKS WITH DELAYS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2006, 16, 3323-3340.	0.7	31
116	Hopf bifurcation analysis of reaction-diffusion neural oscillator system with excitatory-to-inhibitory connection and time delay. Nonlinear Dynamics, 2017, 89, 2329-2345.	2.7	31
117	Input Time Delay Margin in Event-Triggered Consensus of Multiagent Systems. IEEE Transactions on Cybernetics, 2019, 49, 1849-1858.	6.2	31
118	A Nesterov-Like Gradient Tracking Algorithm for Distributed Optimization Over Directed Networks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6258-6270.	5.9	31
119	Asymptotic stability criteria for a two-neuron network with different time delays. IEEE Transactions on Neural Networks, 2003, 14, 222-227.	4.8	30
120	Harmless delays for global asymptotic stability of Cohen-Grossberg neural networks. Chaos, Solitons and Fractals, 2005, 26, 927-933.	2.5	30
121	Global robust exponential stability analysis for interval neural networks with time-varying delays. Chaos, Solitons and Fractals, 2005, 25, 751-757.	2.5	30
122	Exponential stability of Cohen-Grossberg neural networks with delays. Communications in Nonlinear Science and Numerical Simulation, 2008, 13, 1767-1775.	1.7	30
123	Period Distribution of Generalized Discrete Arnold Cat Map for $N=p^e$. IEEE Transactions on Information Theory, 2012, 58, 445-452.	1.5	30
124	Consensus of second-order multi-agent systems with random sampling via event-triggered control. Journal of the Franklin Institute, 2016, 353, 1423-1435.	1.9	30
125	Computation Outsourcing Meets Lossy Channel: Secure Sparse Robustness Decoding Service in Multi-Clouds. IEEE Transactions on Big Data, 2017, , 1-1.	4.4	30
126	Global attractivity of Cohen-Grossberg model with finite and infinite delays. Journal of Mathematical Analysis and Applications, 2006, 315, 244-262.	0.5	29

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127	A novel symmetrical cryptosystem based on discretized two-dimensional chaotic map. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 364, 252-258.	0.9	29
128	Improving the security of a parallel keyed hash function based on chaotic maps. Physics Letters, Section A: General, Atomic and Solid State Physics, 2009, 373, 4346-4353.	0.9	28
129	Event-triggered consensus for multi-agent networks with switching topology under quantized communication. Neurocomputing, 2017, 230, 294-301.	3.5	28
130	Hopf bifurcation and chaos in macroeconomic models with policy lag. Chaos, Solitons and Fractals, 2005, 25, 91-108.	2.5	27
131	Improving the security of a dynamic look-up table based chaotic cryptosystem. IEEE Transactions on Circuits and Systems Part 2: Express Briefs, 2006, 53, 502-506.	2.3	27
132	Hopf Pitchfork bifurcation in a simplified BAM neural network model with multiple delays. Journal of Computational and Applied Mathematics, 2013, 253, 222-234.	1.1	27
133	Fractional-order follower observer design for tracking consensus in second-order leader multi-agent systems: Periodic sampled-based event-triggered control. Journal of the Franklin Institute, 2018, 355, 4618-4628.	1.9	27
134	Fixed-Time H_{∞} Control for Port-Controlled Hamiltonian Systems. IEEE Transactions on Automatic Control, 2019, 64, 2753-2765.	3.6	27
135	HOPF BIFURCATION OF A TWO-NEURON NETWORK WITH DIFFERENT DISCRETE TIME DELAYS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2005, 15, 1589-1601.	0.7	26
136	True random number generation from mobile telephone photo based on chaotic cryptography. Chaos, Solitons and Fractals, 2009, 42, 1692-1699.	2.5	26
137	SECRET IMAGE SHARING BASED ON CHAOTIC MAP AND CHINESE REMAINDER THEOREM. International Journal of Wavelets, Multiresolution and Information Processing, 2012, 10, 1250023.	0.9	26
138	Event-driven optimal control for uncertain nonlinear systems with external disturbance via adaptive dynamic programming. Neurocomputing, 2018, 281, 188-195.	3.5	26
139	A digital secure image communication scheme based on the chaotic Chebyshev map. International Journal of Communication Systems, 2004, 17, 437-445.	1.6	25
140	Dynamics of a congestion control model in a wireless access network. Nonlinear Analysis: Real World Applications, 2013, 14, 671-683.	0.9	25
141	A Block Compressive Sensing Based Scalable Encryption Framework for Protecting Significant Image Regions. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2016, 26, 1650191.	0.7	25
142	Delay-dependent exponential stability analysis of delayed cellular neural networks. , 0, , .		24
143	New algebraic conditions for global exponential stability of delayed recurrent neural networks. Neurocomputing, 2005, 64, 319-333.	3.5	24
144	On the security of a novel key agreement protocol based on chaotic maps. Chaos, Solitons and Fractals, 2009, 40, 672-675.	2.5	24

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145	Global stability of discrete-time Cohenâ€“Grossberg neural networks with impulses. <i>Neurocomputing</i> , 2010, 73, 3132-3138.	3.5	24
146	Exponential estimates and exponential stability for neutral-type neural networks with multiple delays. <i>Neurocomputing</i> , 2015, 149, 868-883.	3.5	24
147	Global exponential stability for a class of retarded functional differential equations with applications inâ€“neural networks. <i>Journal of Mathematical Analysis and Applications</i> , 2004, 293, 125-148.	0.5	23
148	HOPF BIFURCATION AND CHAOS IN TABU LEARNING NEURON MODELS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2005, 15, 2633-2642.	0.7	23
149	Robust stability of stochastic genetic regulatory networks with discrete and distributed delays. <i>Soft Computing</i> , 2009, 13, 1199-1208.	2.1	23
150	Accelerated consensus to accurate average in multi-agent networks via state prediction. <i>Nonlinear Dynamics</i> , 2013, 73, 551-563.	2.7	23
151	Period distribution of generalized discrete Arnold cat map. <i>Theoretical Computer Science</i> , 2014, 552, 13-25.	0.5	22
152	On the general consensus protocol in multi-agent networks with second-order dynamics and sampled data. <i>Asian Journal of Control</i> , 2016, 18, 1914-1922.	1.9	22
153	Period analysis of the Logistic map for the finite field. <i>Science China Information Sciences</i> , 2017, 60, 1.	2.7	22
154	Couple-Group Consensus for Cooperative-Competitive Heterogeneous Multiagent Systems: Hybrid Adaptive and Pinning Methods. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 5367-5376.	5.9	22
155	A Unified Approach to Chaos Suppressing and Inducing in a Periodically Forced Family of Nonlinear Oscillators. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2012, 59, 784-795.	3.5	21
156	PSHO-HF-PM: An Efficient Proactive Spectrum Handover Mechanism in Cognitive Radio Networks. <i>Wireless Personal Communications</i> , 2014, 79, 1679-1701.	1.8	20
157	Attraction Region Seeking for Power Grids. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2017, 64, 201-205.	2.2	20
158	Unsupervised Approaches for Textual Semantic Annotation, A Survey. <i>ACM Computing Surveys</i> , 2020, 52, 1-45.	16.1	20
159	Hopf bifurcation in a Volterra preyâ€“predator model with strong kernel. <i>Chaos, Solitons and Fractals</i> , 2004, 22, 713-722.	2.5	18
160	Collision analysis of one kind of chaos-based hash function. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2010, 374, 1228-1231.	0.9	18
161	Dynamics of the congestion control model in underwater wireless sensor networks with time delay. <i>Chaos, Solitons and Fractals</i> , 2016, 92, 130-136.	2.5	18
162	Some properties of the Logistic map over the finite field and its application. <i>Signal Processing</i> , 2018, 153, 231-242.	2.1	18

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163	Period-adding bifurcation and chaos in a hybrid Hindmarsh-Rose model. <i>Neural Networks</i> , 2018, 105, 26-35.	3.3	18
164	Privacy-preserving self-serviced medical diagnosis scheme based on secure multi-party computation. <i>Computers and Security</i> , 2020, 90, 101701.	4.0	18
165	Federated Continuous Learning With Broad Network Architecture. <i>IEEE Transactions on Cybernetics</i> , 2021, 51, 3874-3888.	6.2	18
166	Consensus of Delayed Multi-Agent Systems via Intermittent Impulsive Control. <i>Asian Journal of Control</i> , 2017, 19, 941-950.	1.9	17
167	One-dimensional Cr-doped NiO nanostructures serving as a highly sensitive gas sensor for trace xylene detection. <i>RSC Advances</i> , 2017, 7, 41105-41110.	1.7	17
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