

Xiaofeng Liao

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333
papers

9,602
citations

53
h-index

84
g-index

375
ext. papers

11,182
ext. citations

4.2
avg, IF

6.76
L-index

#	Paper	IF	Citations
333	Event-Triggering Sampling Based Leader-Following Consensus in Second-Order Multi-Agent Systems. <i>IEEE Transactions on Automatic Control</i> , 2015 , 60, 1998-2003	5.9	382
332	Delay-dependent exponential stability analysis of delayed neural networks: an LMI approach. <i>Neural Networks</i> , 2002 , 15, 855-66	9.1	331
331	. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2002 , 49, 1033-1039		259
330	Robust stability for interval Hopfield neural networks with time delay. <i>IEEE Transactions on Neural Networks</i> , 1998 , 9, 1042-5		215
329	Image encryption using 2D Hénon-Sine map and DNA approach. <i>Signal Processing</i> , 2018 , 153, 11-23	4.4	183
328	Novel robust stability criteria for interval-delayed Hopfield neural networks. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2001 , 48, 1355-1359		176
327	A novel method for designing S-boxes based on chaotic maps. <i>Chaos, Solitons and Fractals</i> , 2005 , 23, 4139-419	4.19	170
326	Analysis and improvement of a chaos-based image encryption algorithm. <i>Chaos, Solitons and Fractals</i> , 2009 , 40, 2191-2199	9.3	159
325	An extended method for obtaining S-boxes based on three-dimensional chaotic Baker maps. <i>Chaos, Solitons and Fractals</i> , 2007 , 31, 571-579	9.3	157
324	Criteria for exponential [corrected] stability of Cohen-Grossberg neural networks. <i>Neural Networks</i> , 2004 , 17, 1401-14	9.1	152
323	Event-triggered asynchronous intermittent communication strategy for synchronization in complex dynamical networks. <i>Neural Networks</i> , 2015 , 66, 1-10	9.1	149
322	Qualitative analysis of Bi-directional Associative Memory with time delay. <i>International Journal of Circuit Theory and Applications</i> , 1998 , 26, 219-229	2	143
321	A novel block cryptosystem based on iterating a chaotic map. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2006 , 349, 109-115	2.3	142
320	Passivity analysis of neural networks with time delay. <i>IEEE Transactions on Circuits and Systems Part 2: Express Briefs</i> , 2005 , 52, 471-475		135
319	A novel key agreement protocol based on chaotic maps. <i>Information Sciences</i> , 2007 , 177, 1136-1142	7.7	130
318	A block cipher with dynamic S-boxes based on tent map. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2009 , 14, 3089-3099	3.7	116
317	Bifurcation analysis on a two-neuron system with distributed delays. <i>Physica D: Nonlinear Phenomena</i> , 2001 , 149, 123-141	3.3	115

316	Event-triggered synchronization strategy for complex dynamical networks with the Markovian switching topologies. <i>Neural Networks</i> , 2016 , 74, 52-7	9.1	107
315	Color image encryption based on chaotic systems and elliptic curve ElGamal scheme. <i>Signal Processing</i> , 2017 , 141, 109-124	4.4	104
314	Cooperative Distributed Optimization in Multiagent Networks With Delays. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2015 , 45, 363-369	7.3	99
313	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	7.3	98
312	One-way Hash function construction based on the chaotic map with changeable-parameter. <i>Chaos, Solitons and Fractals</i> , 2005 , 24, 65-71	9.3	96
311	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	3.5	93
310	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	3.9	93
309	MEMRISTOR MODEL AND ITS APPLICATION FOR CHAOS GENERATION. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2012 , 22, 1250205	2	88
308	Impulsive effects on stability of high-order BAM neural networks with time delays. <i>Neurocomputing</i> , 2011 , 74, 1541-1550	5.4	88
307	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	9.3	88
306	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	9.3	85
305	Selective encryption for gray images based on chaos and DNA complementary rules. <i>Multimedia Tools and Applications</i> , 2015 , 74, 4655-4677	2.5	82
304	Secure and Efficient Data Communication Protocol for Wireless Body Area Networks. <i>IEEE Transactions on Multi-Scale Computing Systems</i> , 2016 , 2, 94-107		81
303	OPFKA: Secure and efficient Ordered-Physiological-Feature-based key agreement for wireless Body Area Networks 2013 ,		78
302	Cryptanalysis and enhancements of image encryption based on three-dimensional bit matrix permutation. <i>Signal Processing</i> , 2018 , 142, 292-300	4.4	77
301	One-way hash function construction based on 2D coupled map lattices. <i>Information Sciences</i> , 2008 , 178, 1391-1406	7.7	77
300	Parallel image encryption algorithm based on discretized chaotic map. <i>Chaos, Solitons and Fractals</i> , 2008 , 38, 1081-1092	9.3	74
299	A fast image encryption and authentication scheme based on chaotic maps. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2010 , 15, 3507-3517	3.7	73

298	Hopf bifurcation and chaos in a single inertial neuron model with time delay. <i>European Physical Journal B</i> , 2004 , 41, 337-343	1.2	73
297	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	2.3	73
296	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	2.5	69
295	One-way Hash function construction based on the chaotic map with changeable-parameter 2005 , 24, 65-65		69
294	Dynamics of an inertial two-neuron system with time delay. <i>Nonlinear Dynamics</i> , 2009 , 58, 573-609	5	67
293	An LMI approach to asymptotical stability of multi-delayed neural networks. <i>Physica D: Nonlinear Phenomena</i> , 2005 , 200, 139-155	3.3	67
292	Complete and lag synchronization of hyperchaotic systems using small impulses. <i>Chaos, Solitons and Fractals</i> , 2004 , 22, 857-867	9.3	66
291	A novel non-equilibrium fractional-order chaotic system and its complete synchronization by circuit implementation. <i>Nonlinear Dynamics</i> , 2012 , 68, 137-149	5	64
290	Edge detection of noisy images based on cellular neural networks. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2011 , 16, 3746-3759	3.7	64
289	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	2	63
288	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	2.3	61
287	Robust stability of interval bidirectional associative memory neural network with time delays. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2004 , 34, 1142-54		59
286	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	2.9	58
285	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	2.3	56
284	Impulsive synchronization of nonlinear coupled chaotic systems. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2004 , 328, 47-50	2.3	55
283	A method for designing dynamical S-boxes based on discretized chaotic map. <i>Chaos, Solitons and Fractals</i> , 2005 , 23, 1901-1909	9.3	55
282	Second-order consensus seeking in directed networks of multi-agent dynamical systems via generalized linear local interaction protocols. <i>Nonlinear Dynamics</i> , 2012 , 70, 2213-2226	5	53
281	A chaos-based hash function with both modification detection and localization capabilities. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2010 , 15, 2254-2261	3.7	53

280	Cryptanalysis and improvement on a block cryptosystem based on iteration a chaotic map. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2007 , 363, 277-281	2.3	52
279	Bifurcation analysis on a two-neuron system with distributed delays in the frequency domain. <i>Neural Networks</i> , 2004 , 17, 545-61	9.1	51
278	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	2	51
277	Leader-Following Consensus in Second-Order Multiagent Systems via Event-Triggered Control With Nonperiodic Sampled Data. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2015 , 62, 1007-1015	3.5	48
276	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	2.5	48
275	An electronic implementation for Liao's chaotic delayed neuron model with non-monotonous activation function. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2007 , 369, 37-43	2.3	48
274	Parallel keyed hash function construction based on chaotic neural network. <i>Neurocomputing</i> , 2009 , 72, 2288-2296	5.4	47
273	Reinforcement Learning in Energy Trading Game Among Smart Microgrids. <i>IEEE Transactions on Industrial Electronics</i> , 2016 , 1-1	8.9	46
272	Memristive crossbar array with applications in image processing. <i>Science China Information Sciences</i> , 2012 , 55, 461-472	3.4	44
271	Using time-stamp to improve the security of a chaotic maps-based key agreement protocol. <i>Information Sciences</i> , 2008 , 178, 1598-1602	7.7	44
270	Stability analyses of cellular neural networks with continuous time delay. <i>Journal of Computational and Applied Mathematics</i> , 2002 , 143, 29-47	2.4	44
269	Stability and Hopf Bifurcation in a Computer Virus Model with Multistate Antivirus. <i>Abstract and Applied Analysis</i> , 2012 , 2012, 1-16	0.7	43
268	Stability and bifurcation analysis in tri-neuron model with time delay. <i>Nonlinear Dynamics</i> , 2007 , 49, 319-345	3.45	41
267	Stability switches and bifurcation analysis of a neural network with continuously delay. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , 1999 , 29, 692-696		41
266	A new color image encryption scheme based on logistic map over the finite field ZN. <i>Multimedia Tools and Applications</i> , 2018 , 77, 21803-21821	2.5	40
265	Leader-Following Consensus of Discrete-Time Multiagent Systems With Encoding/Decoding. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2016 , 63, 401-405	3.5	40
264	Stability of bifurcating periodic solutions for a single delayed inertial neuron model under periodic excitation. <i>Nonlinear Analysis: Real World Applications</i> , 2009 , 10, 2384-2395	2.1	40
263	Bogdanov-Takens bifurcation in a tri-neuron BAM neural network model with multiple delays. <i>Nonlinear Dynamics</i> , 2013 , 71, 583-595	5	39

262	Impulsive control, complete and lag synchronization of unified chaotic system with continuous periodic switch. <i>Chaos, Solitons and Fractals</i> , 2005 , 26, 845-854	9.3	39
261	Algebraic criteria for second-order global consensus in multi-agent networks with intrinsic nonlinear dynamics and directed topologies. <i>Information Sciences</i> , 2014 , 259, 25-35	7.7	38
260	A More Secure Chaotic Cryptographic Scheme Based on the Dynamic Look-Up Table. <i>Circuits, Systems, and Signal Processing</i> , 2005 , 24, 571-584	2.2	38
259	A novel robust dual diffusion/confusion encryption technique for color image based on Chaos, DNA and SHA-2. <i>Multimedia Tools and Applications</i> , 2019 , 78, 2105-2133	2.5	36
258	Leader-following second-order consensus in multi-agent systems with sampled data via pinning control. <i>Nonlinear Dynamics</i> , 2014 , 78, 555-569	5	36
257	Stability and Hopf bifurcation of a complex-valued neural network with two time delays. <i>Nonlinear Dynamics</i> , 2015 , 82, 173-184	5	36
256	Cryptanalysis of a cryptosystem using multiple one-dimensional chaotic maps. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2007 , 12, 814-822	3.7	35
255	Delay-dependent asymptotic stability for neural networks with distributed delays. <i>Nonlinear Analysis: Real World Applications</i> , 2006 , 7, 1178-1192	2.1	35
254	A new chaotic cryptosystem. <i>Chaos, Solitons and Fractals</i> , 2006 , 30, 1143-1152	9.3	34
253	Exploiting Optics Chaos for Image Encryption-Then-Transmission. <i>Journal of Lightwave Technology</i> , 2016 , 34, 5101-5109	4	34
252	LOCAL STABILITY, HOPF AND RESONANT CODIMENSION-TWO BIFURCATION IN A HARMONIC OSCILLATOR WITH TWO TIME DELAYS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2001 , 11, 2105-2121	2	33
251	Accelerated Convergence Algorithm for Distributed Constrained Optimization under Time-Varying General Directed Graphs. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 2612-2622	7.2	33
250	Hopf bifurcation in love dynamical models with nonlinear couples and time delays. <i>Chaos, Solitons and Fractals</i> , 2007 , 31, 853-865	9.3	32
249	Global exponential stability of hybrid bidirectional associative memory neural networks with discrete delays. <i>Physical Review E</i> , 2003 , 67, 042901	2.4	32
248	Cryptanalysis of a color image encryption algorithm based on chaos. <i>Optik</i> , 2013 , 124, 5411-5415	2.5	31
247	Hopf bifurcation in an inertial two-neuron system with time delay. <i>Neurocomputing</i> , 2012 , 97, 223-232	5.4	31
246	Global and robust stability of interval Hopfield neural networks with time-varying delays. <i>International Journal of Neural Systems</i> , 2003 , 13, 171-82	6.2	31
245	A unified approach for impulsive lag synchronization of chaotic systems with time delay. <i>Chaos, Solitons and Fractals</i> , 2005 , 23, 1177-1184	9.3	31

244	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	9.3	29
243	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	2	29
242	Delay-dependent asymptotic stability of a two-neuron system with different time delays. <i>Chaos, Solitons and Fractals</i> , 2006 , 28, 437-447	9.3	29
241	Global exponential stability for a class of generalized neural networks with distributed delays. <i>Nonlinear Analysis: Real World Applications</i> , 2004 , 5, 527-547	2.1	29
240	Hopf bifurcation and chaos analysis of Chen's system with distributed delays. <i>Chaos, Solitons and Fractals</i> , 2005 , 25, 197-220	9.3	29
239	Period Distribution of the Generalized Discrete Arnold Cat Map for $N = 2^e$. <i>IEEE Transactions on Information Theory</i> , 2013 , 59, 3249-3255	2.8	28
238	A novel chaotic encryption scheme based on arithmetic coding. <i>Chaos, Solitons and Fractals</i> , 2008 , 38, 1523-1531	9.3	28
237	A modified (Dual) fusion technique for image encryption using SHA-256 hash and multiple chaotic maps. <i>Multimedia Tools and Applications</i> , 2016 , 75, 11241-11266	2.5	27
236	Global attractivity of Cohen-Grossberg model with finite and infinite delays. <i>Journal of Mathematical Analysis and Applications</i> , 2006 , 315, 244-262	1.1	27
235	Hopf Bifurcation on a Two-Neuron System with Distributed Delays: A Frequency Domain Approach. <i>Nonlinear Dynamics</i> , 2003 , 31, 299-326	5	27
234	Event-triggered differentially private average consensus for multi-agent network. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2019 , 6, 75-83	7	26
233	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	2.5	26
232	One-way hash function construction based on chaotic map network. <i>Chaos, Solitons and Fractals</i> , 2009 , 41, 2566-2574	9.3	26
231	A novel symmetrical cryptosystem based on discretized two-dimensional chaotic map. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2007 , 364, 252-258	2.3	26
230	Harmless delays for global asymptotic stability of Cohen-Grossberg neural networks. <i>Chaos, Solitons and Fractals</i> , 2005 , 26, 927-933	9.3	26
229	Global robust exponential stability analysis for interval neural networks with time-varying delays. <i>Chaos, Solitons and Fractals</i> , 2005 , 25, 751-757	9.3	26
228	Cryptanalysis and enhancement of an image encryption scheme based on a 1-D coupled Sine map. <i>Nonlinear Dynamics</i> , 2020 , 100, 2917-2931	5	25
227	Period Distribution of Generalized Discrete Arnold Cat Map for $N=p^e$. <i>IEEE Transactions on Information Theory</i> , 2012 , 58, 445-452	2.8	25

226	Asymptotic stability criteria for a two-neuron network with different time delays. <i>IEEE Transactions on Neural Networks</i> , 2003 , 14, 222-7		25
225	Effects of initial conditions on the synchronization of the coupled memristor neural circuits. <i>Nonlinear Dynamics</i> , 2019 , 95, 1269-1282	5	25
224	Kernel Least Mean Square with Single Feedback. <i>IEEE Signal Processing Letters</i> , 2015 , 22, 953-957	3.2	24
223	Achieving Acceleration for Distributed Economic Dispatch in Smart Grids Over Directed Networks. <i>IEEE Transactions on Network Science and Engineering</i> , 2020 , 7, 1988-1999	4.9	24
222	HOPF BIFURCATION OF A TWO-NEURON NETWORK WITH DIFFERENT DISCRETE TIME DELAYS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2005 , 15, 1589-1601	2	24
221	A Block Compressive Sensing Based Scalable Encryption Framework for Protecting Significant Image Regions. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2016 , 26, 1650191	2	23
220	An improved chaotic cryptosystem with external key. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2008 , 13, 1879-1887	3.7	23
219	DELAY-DEPENDENT AND DELAY-INDEPENDENT STABILITY CRITERIA FOR CELLULAR NEURAL NETWORKS WITH DELAYS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2006 , 16, 3323-3340	2	23
218	A novel image encryption scheme based on improved random number generator and its implementation. <i>Nonlinear Dynamics</i> , 2019 , 95, 1781-1805	5	23
217	Hopf bifurcation analysis of reaction-diffusion neural oscillator system with excitatory-to-inhibitory connection and time delay. <i>Nonlinear Dynamics</i> , 2017 , 89, 2329-2345	5	22
216	Fractional-order follower observer design for tracking consensus in second-order leader multi-agent systems: Periodic sampled-based event-triggered control. <i>Journal of the Franklin Institute</i> , 2018 , 355, 4618-4628	4	22
215	Consensus of second-order multi-agent systems with random sampling via event-triggered control. <i>Journal of the Franklin Institute</i> , 2016 , 353, 1423-1435	4	22
214	Hopf-Bifurcation bifurcation in a simplified BAM neural network model with multiple delays. <i>Journal of Computational and Applied Mathematics</i> , 2013 , 253, 222-234	2.4	22
213	Improving the security of a parallel keyed hash function based on chaotic maps. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2009 , 373, 4346-4353	2.3	22
212	Exponential stability of Cohen-Grossberg neural networks with delays. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2008 , 13, 1767-1775	3.7	22
211	Global exponential stability for a class of retarded functional differential equations with applications in neural networks. <i>Journal of Mathematical Analysis and Applications</i> , 2004 , 293, 125-148	1.1	22
210	A novel image encryption scheme based on logistic map and dynamical modular curve. <i>Multimedia Tools and Applications</i> , 2018 , 77, 8911-8938	2.5	22
209	A novel pseudo-random number generator from coupled map lattice with time-varying delay. <i>Nonlinear Dynamics</i> , 2018 , 94, 325-341	5	21

208	Input Time Delay Margin in Event-Triggered Consensus of Multiagent Systems. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 1849-1858	10.2	21
207	On the security of a novel key agreement protocol based on chaotic maps. <i>Chaos, Solitons and Fractals</i> , 2009 , 40, 672-675	9.3	21
206	SECRET IMAGE SHARING BASED ON CHAOTIC MAP AND CHINESE REMAINDER THEOREM. <i>International Journal of Wavelets, Multiresolution and Information Processing</i> , 2012 , 10, 1250023	0.9	21
205	Improving the security of a dynamic look-up table based chaotic cryptosystem. <i>IEEE Transactions on Circuits and Systems Part 2: Express Briefs</i> , 2006 , 53, 502-506		21
204	New algebraic conditions for global exponential stability of delayed recurrent neural networks. <i>Neurocomputing</i> , 2005 , 64, 319-333	5.4	21
203	An efficient entire chaos-based scheme for deniable authentication 2005 , 23, 1327-1327		21
202	Event-driven optimal control for uncertain nonlinear systems with external disturbance via adaptive dynamic programming. <i>Neurocomputing</i> , 2018 , 281, 188-195	5.4	21
201	. <i>IEEE Transactions on Big Data</i> , 2017 , 1-1	3.2	20
200	Period distribution of generalized discrete Arnold cat map. <i>Theoretical Computer Science</i> , 2014 , 552, 13-25	1.1	20
199	Dynamics of a congestion control model in a wireless access network. <i>Nonlinear Analysis: Real World Applications</i> , 2013 , 14, 671-683	2.1	20
198	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	2.5	20
197	Event-triggered consensus for multi-agent networks with switching topology under quantized communication. <i>Neurocomputing</i> , 2017 , 230, 294-301	5.4	19
196	Exponential estimates and exponential stability for neutral-type neural networks with multiple delays. <i>Neurocomputing</i> , 2015 , 149, 868-883	5.4	19
195	Period analysis of the Logistic map for the finite field. <i>Science China Information Sciences</i> , 2017 , 60, 1	3.4	19
194	Accelerated consensus to accurate average in multi-agent networks via state prediction. <i>Nonlinear Dynamics</i> , 2013 , 73, 551-563	5	19
193	Robust stability of stochastic genetic regulatory networks with discrete and distributed delays. <i>Soft Computing</i> , 2009 , 13, 1199-1208	3.5	19
192	Global stability of discrete-time Cohen-Grossberg neural networks with impulses. <i>Neurocomputing</i> , 2010 , 73, 3132-3138	5.4	19
191	Hopf bifurcation and chaos in macroeconomic models with policy lag. <i>Chaos, Solitons and Fractals</i> , 2005 , 25, 91-108	9.3	19

190	True random number generation from mobile telephone photo based on chaotic cryptography. <i>Chaos, Solitons and Fractals</i> , 2009 , 42, 1692-1699	9.3	18
189	A digital secure image communication scheme based on the chaotic Chebyshev map. <i>International Journal of Communication Systems</i> , 2004 , 17, 437-445	1.7	18
188	Robust Computation Offloading and Resource Scheduling in Cloudlet-Based Mobile Cloud Computing. <i>IEEE Transactions on Mobile Computing</i> , 2021 , 20, 2025-2040	4.6	18
187	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	3.9	17
186	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	2.3	17
185	Hopf bifurcation in a Volterra prey-predator model with strong kernel. <i>Chaos, Solitons and Fractals</i> , 2004 , 22, 713-722	9.3	17
184	PSHO-HF-PM: An Efficient Proactive Spectrum Handover Mechanism in Cognitive Radio Networks. <i>Wireless Personal Communications</i> , 2014 , 79, 1679-1701	1.9	16
183	Attraction Region Seeking for Power Grids. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2017 , 64, 201-205	3.5	15
182	Unsupervised Approaches for Textual Semantic Annotation, A Survey. <i>ACM Computing Surveys</i> , 2019 , 52, 1-45	13.4	15
181	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	2	15
180	Event-triggered control for multi-agent network with limited digital communication. <i>Nonlinear Dynamics</i> , 2015 , 82, 1659-1669	5	14
179	Bit-level plane image encryption based on coupled map lattice with time-varying delay. <i>Modern Physics Letters B</i> , 2018 , 32, 1850124	1.6	14
178	Some properties of the Logistic map over the finite field and its application. <i>Signal Processing</i> , 2018 , 153, 231-242	4.4	14
177	Mean square stability of uncertain stochastic BAM neural networks with interval time-varying delays. <i>Cognitive Neurodynamics</i> , 2012 , 6, 443-58	4.2	14
176	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	1.7	14
175	Privacy Masking Stochastic Subgradient-Push Algorithm for Distributed Online Optimization. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 3224-3237	10.2	14
174	Global attracting sets of non-autonomous and complex-valued neural networks with time-varying delays. <i>Neurocomputing</i> , 2016 , 173, 994-1000	5.4	13
173	Period-adding bifurcation and chaos in a hybrid Hindmarsh-Rose model. <i>Neural Networks</i> , 2018 , 105, 26-35	9.1	13

172	Impulsive synchronization and parameter mismatch of the three-variable autocatalator model. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2007 , 366, 52-60	2.3	13
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