

Jinhu Lu

List of Publications by Year in descending order

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384
papers

22,761
citations

10986

71
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docs citations

388
times ranked

7716
citing authors

#	ARTICLE	IF	CITATIONS
1	A NEW CHAOTIC ATTRACTOR COINED. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2002, 12, 659-661.	1.7	1,615
2	On pinning synchronization of complex dynamical networks. Automatica, 2009, 45, 429-435.	5.0	917
3	A time-varying complex dynamical network model and its controlled synchronization criteria. IEEE Transactions on Automatic Control, 2005, 50, 841-846.	5.7	867
4	BRIDGE THE GAP BETWEEN THE LORENZ SYSTEM AND THE CHEN SYSTEM. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2002, 12, 2917-2926.	1.7	779
5	Stability analysis of linear fractional differential system with multiple time delays. Nonlinear Dynamics, 2007, 48, 409-416.	5.2	743
6	Adaptive Synchronization of an Uncertain Complex Dynamical Network. IEEE Transactions on Automatic Control, 2006, 51, 652-656.	5.7	598
7	Pinning adaptive synchronization of a general complex dynamical network. Automatica, 2008, 44, 996-1003.	5.0	519
8	GENERATING MULTISCROLL CHAOTIC ATTRACTORS: THEORIES, METHODS AND APPLICATIONS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2006, 16, 775-858.	1.7	472
9	Generating hyperchaotic $L^{\frac{1}{4}}$ attractor via state feedback control. Physica A: Statistical Mechanics and Its Applications, 2006, 364, 103-110.	2.6	397
10	Characterizing the Synchronizability of Small-World Dynamical Networks. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2004, 51, 787-796.	0.1	396
11	Chaos synchronization of general complex dynamical networks. Physica A: Statistical Mechanics and Its Applications, 2004, 334, 281-302.	2.6	378
12	Synchronization of an uncertain unified chaotic system via adaptive control. Chaos, Solitons and Fractals, 2002, 14, 643-647.	5.1	368
13	Distributed control gains design for consensus in multi-agent systems with second-order nonlinear dynamics. Automatica, 2013, 49, 2107-2115.	5.0	353
14	An Overall Distribution Particle Swarm Optimization MPPT Algorithm for Photovoltaic System Under Partial Shading. IEEE Transactions on Industrial Electronics, 2019, 66, 265-275.	7.9	342
15	Global Synchronization of Linearly Hybrid Coupled Networks with Time-Varying Delay. SIAM Journal on Applied Dynamical Systems, 2008, 7, 108-133.	1.6	319
16	Synchronization via Pinning Control on General Complex Networks. SIAM Journal on Control and Optimization, 2013, 51, 1395-1416.	2.1	309
17	Design and Analysis of Multiscroll Chaotic Attractors From Saturated Function Series. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2004, 51, 2476-2490.	0.1	289
18	A NEW CHAOTIC SYSTEM AND BEYOND: THE GENERALIZED LORENZ-LIKE SYSTEM. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2004, 14, 1507-1537.	1.7	271

#	ARTICLE	IF	CITATIONS
19	Synchronization of a unified chaotic system and the application in secure communication. Physics Letters, Section A: General, Atomic and Solid State Physics, 2002, 305, 365-370.	2.1	244
20	Structure identification of uncertain general complex dynamical networks with time delay. Automatica, 2009, 45, 1799-1807.	5.0	241
21	Chaos synchronization between linearly coupled chaotic systems. Chaos, Solitons and Fractals, 2002, 14, 529-541.	5.1	235
22	On the cryptanalysis of Fridrich's chaotic image encryption scheme. Signal Processing, 2017, 132, 150-154.	3.7	233
23	Generating 3-D multi-scroll chaotic attractors: A hysteresis series switching method. Automatica, 2004, 40, 1677-1687.	5.0	228
24	Distributed Formation Control of Multiple Quadrotor Aircraft Based on Nonsmooth Consensus Algorithms. IEEE Transactions on Cybernetics, 2019, 49, 342-353.	9.5	225
25	DYNAMICAL ANALYSIS OF A NEW CHAOTIC ATTRACTOR. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2002, 12, 1001-1015.	1.7	217
26	Cryptanalyzing an Image Encryption Algorithm Based on Autoblocking and Electrocardiography. IEEE MultiMedia, 2018, 25, 46-56.	1.7	214
27	Synchronization on Complex Networks of Networks. IEEE Transactions on Neural Networks and Learning Systems, 2014, 25, 2110-2118.	11.3	212
28	Cryptanalysis of a Chaotic Image Encryption Algorithm Based on Information Entropy. IEEE Access, 2018, 6, 75834-75842.	4.2	199
29	Discrete-Time Fast Terminal Sliding Mode Control for Permanent Magnet Linear Motor. IEEE Transactions on Industrial Electronics, 2018, 65, 9916-9927.	7.9	197
30	Consensus in Multi-Agent Systems With Second-Order Dynamics and Sampled Data. IEEE Transactions on Industrial Informatics, 2013, 9, 2137-2146.	11.3	194
31	Adaptive feedback synchronization of a unified chaotic system. Physics Letters, Section A: General, Atomic and Solid State Physics, 2004, 329, 327-333.	2.1	192
32	Adaptive Feedback Synchronization of a General Complex Dynamical Network With Delayed Nodes. IEEE Transactions on Circuits and Systems II: Express Briefs, 2008, 55, 183-187.	3.0	191
33	Theoretical Design and FPGA-Based Implementation of Higher-Dimensional Digital Chaotic Systems. IEEE Transactions on Circuits and Systems I: Regular Papers, 2016, 63, 401-412.	5.4	190
34	Cryptanalyzing an Image-Scrambling Encryption Algorithm of Pixel Bits. IEEE MultiMedia, 2017, 24, 64-71.	1.7	188
35	On the cluster consensus of discrete-time multi-agent systems. Systems and Control Letters, 2011, 60, 517-523.	2.3	182
36	Parameters identification and synchronization of chaotic systems based upon adaptive control. Physics Letters, Section A: General, Atomic and Solid State Physics, 2002, 299, 353-358.	2.1	175

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37	Distributed fixed-time consensus for nonlinear heterogeneous multi-agent systems. <i>Automatica</i> , 2020, 113, 108797.	5.0	173
38	Experimental verification of multidirectional multiscroll chaotic attractors. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2006, 53, 149-165.	0.1	166
39	Finite-Time Distributed Tracking Control for Multi-Agent Systems With a Virtual Leader. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2013, 60, 352-362.	5.4	154
40	Design and implementation of n-scroll chaotic attractors from a general jerk circuit. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2005, 52, 1459-1476.	0.1	148
41	The compound structure of a new chaotic attractor. <i>Chaos, Solitons and Fractals</i> , 2002, 14, 669-672.	5.1	147
42	Multi-Agent Systems with Dynamical Topologies: Consensus and Applications. <i>IEEE Circuits and Systems Magazine</i> , 2013, 13, 21-34.	2.3	143
43	Flocking of Multi-Agent Non-Holonomic Systems With Proximity Graphs. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2013, 60, 199-210.	5.4	139
44	Local Synchronization of a Complex Network Model. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2009, 39, 230-241.	5.0	138
45	Controlling uncertain $\frac{1}{4}$ system using linear feedback. <i>Chaos, Solitons and Fractals</i> , 2003, 17, 127-133.	5.1	131
46	Consensus of discrete-time multi-agent systems with transmission nonlinearity. <i>Automatica</i> , 2013, 49, 1768-1775.	5.0	131
47	Controlling Chen's chaotic attractor using backstepping design based on parameters identification. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2001, 286, 148-152.	2.1	127
48	Adaptive synchronization of uncertain Rössler hyperchaotic system based on parameter identification. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2004, 321, 50-55.	2.1	124
49	Synchronizability of Duplex Networks. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2016, 63, 206-210.	3.0	122
50	Generating chaos with a switching piecewise-linear controller. <i>Chaos</i> , 2002, 12, 344-349.	2.5	119
51	Consensus of Discrete-Time Second-Order Multiagent Systems Based on Infinite Products of General Stochastic Matrices. <i>SIAM Journal on Control and Optimization</i> , 2013, 51, 3274-3301.	2.1	118
52	Parameter identification of dynamical systems from time series. <i>Physical Review E</i> , 2007, 75, 067201.	2.1	108
53	Design and Implementation of Grid Multiwing Hyperchaotic Lorenz System Family via Switching Control and Constructing Super-Heteroclinic Loops. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2012, 59, 1015-1028.	5.4	104
54	Generating chaotic attractors with multiple merged basins of attraction: a switching piecewise-linear control approach. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2003, 50, 198-207.	0.1	101

#	ARTICLE	IF	CITATIONS
55	Designing Hyperchaotic Systems With ↑Any Desired Number of Positive Lyapunov ↑Exponents via A Simple Model. IEEE Transactions on Circuits and Systems I: Regular Papers, 2014, 61, 2380-2389.	5.4	98
56	Master stability functions for complete, intralayer, and interlayer synchronization in multiplex networks of coupled R�ssler oscillators. Physical Review E, 2019, 99, 012304.	2.1	98
57	A Systematic Methodology for Constructing Hyperchaotic Systems With Multiple Positive Lyapunov Exponents and Circuit Implementation. IEEE Transactions on Circuits and Systems I: Regular Papers, 2014, 61, 854-864.	5.4	96
58	Design and ARM-Embedded Implementation of a Chaotic Map-Based Real-Time Secure Video Communication System. IEEE Transactions on Circuits and Systems for Video Technology, 2015, 25, 1203-1216.	8.3	96
59	Leader-Following Consensus of Multi-Agent Systems With Switching Networks and Event-Triggered Control. IEEE Transactions on Circuits and Systems I: Regular Papers, 2018, 65, 1696-1706.	5.4	89
60	LOCAL BIFURCATIONS OF THE CHEN SYSTEM. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2002, 12, 2257-2270.	1.7	87
61	Design and FPGA-Based Realization of a Chaotic Secure Video Communication System. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 2359-2371.	8.3	84
62	Complex cyber-physical networks: From cybersecurity to security control. Journal of Systems Science and Complexity, 2017, 30, 46-67.	2.8	83
63	A general multiscroll Lorenz system family and its realization via digital signal processors. Chaos, 2006, 16, 033126.	2.5	81
64	Identification of Important Nodes in Directed Biological Networks: A Network Motif Approach. PLoS ONE, 2014, 9, e106132.	2.5	81
65	Global relative parameter sensitivities of the feed-forward loops in genetic networks. Neurocomputing, 2012, 78, 155-165.	5.9	80
66	Theoretical Design and Circuit Implementation of Multidirectional Multi-Torus Chaotic Attractors. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2007, 54, 2087-2098.	0.1	79
67	Generating multi-scroll chaotic attractors by thresholding. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 3234-3239.	2.1	78
68	Control and Flocking of Networked Systems via Pinning. IEEE Circuits and Systems Magazine, 2010, 10, 83-91.	2.3	76
69	Generation of \$n\$-Wing Lorenz-Like Attractors From a Modified Shimizu-Morioka Model. IEEE Transactions on Circuits and Systems II: Express Briefs, 2008, 55, 1168-1172.	3.0	75
70	Identifying Topologies of Complex Dynamical Networks With Stochastic Perturbations. IEEE Transactions on Control of Network Systems, 2016, 3, 379-389.	3.7	74
71	Finite-time adaptive consensus of a class of multi-agent systems. Science China Technological Sciences, 2016, 59, 22-32.	4.0	73
72	Fixed-Time Synchronization of Coupled Neural Networks With Discontinuous Activation and Mismatched Parameters. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 2470-2482.	11.3	73

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73	Cloud-Edge-Based Lightweight Temporal Convolutional Networks for Remaining Useful Life Prediction in IIoT. IEEE Internet of Things Journal, 2021, 8, 12578-12587.	8.7	72
74	Generating Grid Multiwing Chaotic Attractors by Constructing Heteroclinic Loops Into Switching Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2011, 58, 314-318.	3.0	69
75	Design of multidirectional multiscroll chaotic attractors based on fractional differential systems via switching control. Chaos, 2006, 16, 043120.	2.5	68
76	Estimating Uncertain Delayed Genetic Regulatory Networks: An Adaptive Filtering Approach. IEEE Transactions on Automatic Control, 2009, 54, 892-897.	5.7	68
77	Second-order tracking control for leader-follower multi-agent flocking in directed graphs with switching topology. Systems and Control Letters, 2011, 60, 1051-1058.	2.3	68
78	Generating multi-directional multi-scroll chaotic attractors via a fractional differential hysteresis system. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 369, 438-443.	2.1	67
79	Suppressing EMI in Power Converters via Chaotic SPWM Control Based on Spectrum Analysis Approach. IEEE Transactions on Industrial Electronics, 2014, 61, 6128-6137.	7.9	62
80	An Encryption Scheme Based on Synchronization of Two-Layered Complex Dynamical Networks. IEEE Transactions on Circuits and Systems I: Regular Papers, 2016, 63, 2010-2021.	5.4	62
81	Synchronization stability of three chaotic systems with linear coupling. Physics Letters, Section A: General, Atomic and Solid State Physics, 2002, 301, 231-240.	2.1	61
82	DESIGN AND IMPLEMENTATION OF MULTI-WING BUTTERFLY CHAOTIC ATTRACTORS VIA LORENZ-TYPE SYSTEMS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2010, 20, 29-41.	1.7	61
83	Finite-time tracking for double-integrator multi-agent systems with bounded control input. IET Control Theory and Applications, 2013, 7, 1562-1573.	2.1	61
84	Second-order consensus of multi-agent systems with nonlinear dynamics via impulsive control. Neurocomputing, 2014, 125, 142-147.	5.9	61
85	Phase transition and hysteresis loop in structured games with global updating. Physical Review E, 2008, 77, 046109.	2.1	60
86	Coordination and Control of Complex Network Systems With Switching Topologies: A Survey. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6342-6357.	9.3	59
87	Identification and Evolution of Structurally Dominant Nodes in Protein-Protein Interaction Networks. IEEE Transactions on Biomedical Circuits and Systems, 2014, 8, 87-97.	4.0	57
88	Adaptive Practical Optimal Time-Varying Formation Tracking Control for Disturbed High-Order Multi-Agent Systems. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 2567-2578.	5.4	56
89	Impact of magnetic field in three-dimensional flow of an Oldroyd-B nanofluid. Journal of Molecular Liquids, 2015, 212, 272-282.	4.9	55
90	ULTIMATE BOUND ESTIMATION OF A CLASS OF HIGH DIMENSIONAL QUADRATIC AUTONOMOUS DYNAMICAL SYSTEMS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2011, 21, 2679-2694.	1.7	54

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91	On Applicability of Auxiliary System Approach to Detect Generalized Synchronization in Complex Network. IEEE Transactions on Automatic Control, 2017, 62, 3468-3473.	5.7	54
92	Fully Adaptive Practical Time-Varying Output Formation Tracking for High-Order Nonlinear Stochastic Multiagent System With Multiple Leaders. IEEE Transactions on Cybernetics, 2021, 51, 2265-2277.	9.5	53
93	Distributed Adaptive Finite-Time Consensus for Second-Order Multiagent Systems With Mismatched Disturbances Under Directed Networks. IEEE Transactions on Cybernetics, 2021, 51, 1347-1358.	9.5	52
94	Recovering Structures of Complex Dynamical Networks Based on Generalized <newline/>Outer Synchronization. IEEE Transactions on Circuits and Systems I: Regular Papers, 2014, 61, 3216-3224.	5.4	51
95	Economic power dispatch in smart grids: a framework for distributed optimization and consensus dynamics. Science China Information Sciences, 2018, 61, 1.	4.3	51
96	Fuzzy Modelling and Consensus of Nonlinear Multiagent Systems With Variable Structure. IEEE Transactions on Circuits and Systems I: Regular Papers, 2014, 61, 1183-1191.	5.4	50
97	Distributed Adaptive Control for Synchronization in Directed Complex Networks. SIAM Journal on Control and Optimization, 2015, 53, 2980-3005.	2.1	50
98	Bridging the gap between complex networks and smart grids. Journal of Control and Decision, 2014, 1, 102-114.	1.6	49
99	Design and Implementation of Grid Multiwing Butterfly Chaotic Attractors From a Piecewise Lorenz System. IEEE Transactions on Circuits and Systems II: Express Briefs, 2010, 57, 803-807.	3.0	48
100	Bridging the Gap Between Transmission Noise and Sampled Data for Robust Consensus of Multi-Agent Systems. IEEE Transactions on Circuits and Systems I: Regular Papers, 2015, 62, 1836-1844.	5.4	48
101	Towards A Theoretical Framework for Analysis and Intervention of Random Drift on General Networks. IEEE Transactions on Automatic Control, 2015, 60, 576-581.	5.7	47
102	Breaking an Image Encryption Algorithm Based on DNA Encoding and Spatiotemporal Chaos. Entropy, 2019, 21, 246.	2.2	47
103	Dynamic Event-Triggered Leader-Follower Consensus Control for MultiAgent Systems. SIAM Journal on Control and Optimization, 2022, 60, 189-209.	2.1	47
104	Fixed-Time Synchronization of Complex Dynamical Networks: A Novel and Economical Mechanism. IEEE Transactions on Cybernetics, 2022, 52, 4430-4440.	9.5	46
105	A family of n-scroll hyperchaotic attractors and their realization. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 364, 244-251.	2.1	45
106	Design and Implementation of Bounded Finite-Time Control Algorithm for Speed Regulation of Permanent Magnet Synchronous Motor. IEEE Transactions on Industrial Electronics, 2021, 68, 2417-2426.	7.9	45
107	The Graph Structure of the Generalized Discrete Arnold's Cat Map. IEEE Transactions on Computers, 2022, 71, 364-377.	3.4	45
108	New communication schemes based on adaptive synchronization. Chaos, 2007, 17, 033114.	2.5	43

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109	Distributed Consensus of Layered Multi-Agent Systems Subject to Attacks on Edges. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 3152-3162.	5.4	43
110	Fixed-Time Synchronization Control for a Class of Master-Slave Systems Based on Homogeneous Method. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 1547-1551.	3.0	41
111	PID Control for Synchronization of Complex Dynamical Networks With Directed Topologies. IEEE Transactions on Cybernetics, 2021, 51, 1334-1346.	9.5	40
112	Generating two simultaneously chaotic attractors with a switching piecewise-linear controller. Chaos, Solitons and Fractals, 2004, 20, 277-288.	5.1	39
113	Synchronisation of directed coupled harmonic oscillators with sampled data. IET Control Theory and Applications, 2014, 8, 937-947.	2.1	39
114	THE COMPOUND STRUCTURE OF CHEN'S ATTRACTOR. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2002, 12, 855-858.	1.7	37
115	When Structure Meets Function in Evolutionary Dynamics on Complex Networks. IEEE Circuits and Systems Magazine, 2014, 14, 36-50.	2.3	37
116	Emerging Behavioral Consensus of Evolutionary Dynamics on Complex Networks. SIAM Journal on Control and Optimization, 2016, 54, 3258-3272.	2.1	37
117	Controllability Analysis of a Gene Network for <i>Arabidopsis thaliana</i> Reveals Characteristics of Functional Gene Families. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2019, 16, 912-924.	3.0	37
118	Coexistence of anti-phase and complete synchronization in the generalized Lorenz system. Communications in Nonlinear Science and Numerical Simulation, 2010, 15, 3067-3072.	3.3	36
119	Outer synchronization of complex networks with delay via impulse. Nonlinear Dynamics, 2012, 69, 1751-1764.	5.2	36
120	Consensus of second-order multi-agent systems with nonlinear dynamics and time delay. Nonlinear Dynamics, 2014, 78, 495-503.	5.2	36
121	Driving-based generalized synchronization in two-layer networks via pinning control. Chaos, 2015, 25, 113104.	2.5	35
122	Swarming behaviors in multi-agent systems with nonlinear dynamics. Chaos, 2013, 23, 043118.	2.5	34
123	Mining Top- k Useful Negative Sequential Patterns via Learning. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 2764-2778.	11.3	34
124	Predefined-Time Bounded Consensus of Multiagent Systems With Unknown Nonlinearity via Distributed Adaptive Fuzzy Control. IEEE Transactions on Cybernetics, 2023, 53, 2622-2635.	9.5	34
125	Pinning impulsive control algorithms for complex network. Chaos, 2014, 24, 013141.	2.5	33
126	Robust Consensus of Nonlinear Multiagent Systems With Switching Topology and Bounded Noises. IEEE Transactions on Cybernetics, 2016, 46, 1276-1285.	9.5	33

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127	Topology Identification in Two-Layer Complex Dynamical Networks. IEEE Transactions on Network Science and Engineering, 2020, 7, 538-548.	6.4	33
128	Characterizing the effect of population heterogeneity on evolutionary dynamics on complex networks. Scientific Reports, 2014, 4, 5034.	3.3	32
129	A Super-Twisting-Like Algorithm and Its Application to Train Operation Control With Optimal Utilization of Adhesion Force. IEEE Transactions on Intelligent Transportation Systems, 2016, 17, 3035-3044.	8.0	32
130	Fixed-Time Synchronization in the ∞ th Moment for Time-Varying Delay Stochastic Multilayer Networks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1135-1144.	9.3	31
131	Complex dynamical behaviors of daily data series in stock exchange. Physics Letters, Section A: General, Atomic and Solid State Physics, 2004, 333, 246-255.	2.1	30
132	Robust consensus of multi-agent systems with time-varying delays in noisy environment. Science China Technological Sciences, 2011, 54, 2014-2023.	4.0	30
133	Analysis and Control of Networked Game Dynamics via A Microscopic Deterministic Approach. IEEE Transactions on Automatic Control, 2016, 61, 4118-4124.	5.7	30
134	Intralayer Synchronization of Multiplex Dynamical Networks via Pinning Impulsive Control. IEEE Transactions on Cybernetics, 2022, 52, 2110-2122.	9.5	30
135	Finite-Time Intra-Layer and Inter-Layer Quasi-Synchronization of Two-Layer Multi-Weighted Networks. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 1589-1598.	5.4	30
136	Graphical Features of Functional Genes in Human Protein Interaction Network. IEEE Transactions on Biomedical Circuits and Systems, 2016, 10, 707-720.	4.0	29
137	Convergence Rate for Discrete-Time Multiagent Systems With Time-Varying Delays and General Coupling Coefficients. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 178-189.	11.3	29
138	Robust Reconstruction of Continuously Time-Varying Topologies of Weighted Networks. IEEE Transactions on Circuits and Systems I: Regular Papers, 2018, 65, 2970-2982.	5.4	29
139	Coreness and h -Index for Weighted Networks. IEEE Transactions on Circuits and Systems I: Regular Papers, 2019, 66, 3113-3122.	5.4	29
140	Constructing hyperchaotic systems at will. International Journal of Circuit Theory and Applications, 2015, 43, 2039-2056.	2.0	28
141	Cooperative Stabilization of a Class of LTI Plants With Distributed Observers. IEEE Transactions on Circuits and Systems I: Regular Papers, 2017, 64, 1891-1902.	5.4	28
142	A new discrete chaotic system with rational fraction and its dynamical behaviors. Chaos, Solitons and Fractals, 2004, 22, 311-319.	5.1	27
143	CHARACTERIZING THE STRUCTURAL QUALITY OF GENERAL COMPLEX SOFTWARE NETWORKS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2008, 18, 605-613.	1.7	26
144	Spectral Learning Algorithm Reveals Propagation Capability of Complex Networks. IEEE Transactions on Cybernetics, 2019, 49, 4253-4261.	9.5	26

#	ARTICLE	IF	CITATIONS
145	Synchronization of the Networked System With Continuous and Impulsive Hybrid Communications. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 960-971.	11.3	26
146	Stochastic Consensus Control Integrated With Performance Improvement: A Consensus Region-Based Approach. IEEE Transactions on Industrial Electronics, 2020, 67, 3000-3012.	7.9	26
147	Finite-Time Synchronization of Impulsive Dynamical Networks With Strong Nonlinearity. IEEE Transactions on Automatic Control, 2021, 66, 3550-3561.	5.7	26
148	Observer-Based Event-Triggered Formation Control of Multi-Agent Systems With Switching Directed Topologies. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 1323-1332.	5.4	26
149	Controlling the Chen attractor using linear feedback based on parameter identification. Chinese Physics B, 2002, 11, 12-16.	1.3	25
150	A MODULE-BASED AND UNIFIED APPROACH TO CHAOTIC CIRCUIT DESIGN AND ITS APPLICATIONS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2007, 17, 1785-1800.	1.7	24
151	Multifolded torus chaotic attractors: Design and implementation. Chaos, 2007, 17, 013118.	2.5	24
152	BIFURCATION ANALYSIS OF SYNCHRONIZED REGIONS IN COMPLEX DYNAMICAL NETWORKS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2012, 22, 1250282.	1.7	24
153	Bifurcation Analysis of Synchronized Regions in Complex Dynamical Networks with Coupling Delay. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2014, 24, 1450011.	1.7	24
154	Duplication and Divergence Effect on Network Motifs in Undirected Bio-Molecular Networks. IEEE Transactions on Biomedical Circuits and Systems, 2015, 9, 312-320.	4.0	24
155	ARM-embedded implementation of a video chaotic secure communication via WAN remote transmission with desirable security and frame rate. Nonlinear Dynamics, 2016, 86, 725-740.	5.2	24
156	Design of Distributed Observers in the Presence of Arbitrarily Large Communication Delays. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 4447-4461.	11.3	24
157	Adaptive PI Control for Synchronization of Complex Networks With Stochastic Coupling and Nonlinear Dynamics. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 5268-5280.	5.4	24
158	Generating 2n-wing attractors from Lorenz-like systems. International Journal of Circuit Theory and Applications, 2010, 38, 243-258.	2.0	23
159	On the cooperative observability of a continuous-time linear system on an undirected network. , 2014, , .		23
160	Hopf bifurcation analysis of a predator-prey model with Holling-II type functional response and a prey refuge. Nonlinear Dynamics, 2019, 97, 1439-1450.	5.2	23
161	Finite-time adaptive stability of gene regulatory networks. Neurocomputing, 2019, 338, 222-232.	5.9	23
162	Distributed Adaptive Resilient Formation Control of Uncertain Nonholonomic Mobile Robots Under Deception Attacks. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 3822-3835.	5.4	23

#	ARTICLE	IF	CITATIONS
163	CONTROLLING IN BETWEEN THE LORENZ AND THE CHEN SYSTEMS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2002, 12, 1417-1422.	1.7	22
164	Competition between intra-community and inter-community synchronization and relevance in brain cortical networks. Physical Review E, 2011, 84, 016109.	2.1	22
165	Synchronization of impulsively coupled complex systems with delay. Chaos, 2011, 21, 033123.	2.5	22
166	Time-Varying Group Formation-Containment Tracking Control for General Linear Multiagent Systems With Unknown Inputs. IEEE Transactions on Cybernetics, 2022, 52, 11055-11067.	9.5	22
167	Upper and lower solution method for fourth-order four-point boundary value problems. Journal of Computational and Applied Mathematics, 2006, 196, 387-393.	2.0	21
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