

# Jinhu Lu

## List of Publications by Year in descending order

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384  
papers

22,761  
citations

10986

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9345

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388  
docs citations

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times ranked

7716  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Timestamp-Based Inertial Best-Response Dynamics for Distributed Nash Equilibrium Seeking in Weakly Acyclic Games. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2024, 35, 1330-1340.	11.3	2
2	Toward Better Structure and Constraint to Mine Negative Sequential Patterns. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2023, 34, 571-585.	11.3	12
3	Elementary Subgraph Features for Link Prediction With Neural Networks. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2023, 35, 3822-3831.	5.7	4
4	A Topological Mechanism of Superdiffusion on Duplex Networks. <i>IEEE Transactions on Control of Network Systems</i> , 2023, 10, 556-563.	3.7	5
5	Distributed Nash Equilibrium Seeking in Consistency-Constrained Multicoalition Games. <i>IEEE Transactions on Cybernetics</i> , 2023, 53, 3675-3687.	9.5	8
6	Predefined-Time Bounded Consensus of Multiagent Systems With Unknown Nonlinearity via Distributed Adaptive Fuzzy Control. <i>IEEE Transactions on Cybernetics</i> , 2023, 53, 2622-2635.	9.5	34
7	Synchronous Spatiotemporal Graph Transformer: A New Framework for Traffic Data Prediction. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2023, 34, 10589-10599.	11.3	4
8	An Augmented Game Approach for Design and Analysis of Distributed Learning Dynamics in Multiagent Games. <i>IEEE Transactions on Cybernetics</i> , 2023, 53, 6951-6962.	9.5	4
9	Practical Output Containment of Heterogeneous Nonlinear Multiagent Systems Under External Disturbances. <i>IEEE Transactions on Cybernetics</i> , 2023, 53, 5191-5201.	9.5	12
10	Consensus-Based Multipopulation Game Dynamics for Distributed Nash Equilibria Seeking and Optimization. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2023, 53, 813-823.	9.3	2
11	Leader-following consensus of stochastic dynamical multiagent systems with fixed and switching topologies under proportional-integral protocols. <i>Asian Journal of Control</i> , 2023, 25, 662-676.	3.0	2
12	Intralayer Synchronization of Multiplex Dynamical Networks via Pinning Impulsive Control. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 2110-2122.	9.5	30
13	Fixed-Time Synchronization in the $p$ th Moment for Time-Varying Delay Stochastic Multilayer Networks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022, 52, 1135-1144.	9.3	31
14	Security Analysis of Discrete Nonlinear Systems With Injection Attacks Under Iterative Learning Schemes. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022, 52, 927-935.	9.3	4
15	Consensus of Stochastic Dynamical Multiagent Systems in Directed Networks via PI Protocols. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2022, 33, 6417-6428.	11.3	1
16	Learning-Based Policy Optimization for Adversarial Missile-Target Assignment. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022, 52, 4426-4437.	9.3	15
17	Recent advances of quantum neural networks on the near term quantum processor. <i>Zhongguo Kexue Jishu Kexue/Scientia Sinica Technologica</i> , 2022, 52, 547-564.	0.5	1
18	Controllability of multilayer networks. <i>Asian Journal of Control</i> , 2022, 24, 1517-1527.	3.0	11

#	ARTICLE	IF	CITATIONS
19	Learning From Architectural Redundancy: Enhanced Deep Supervision in Deep Multipath Encoder-Decoder Networks. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 4271-4284.	11.3	6
20	The Graph Structure of the Generalized Discrete Arnold's Cat Map. IEEE Transactions on Computers, 2022, 71, 364-377.	3.4	45
21	Topology Identification of Multilink Complex Dynamical Networks via Adaptive Observers Incorporating Chaotic Exosignals. IEEE Transactions on Cybernetics, 2022, 52, 6255-6268.	9.5	16
22	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
23	Distributed Adaptive Attitude Synchronization of Multiple Spacecraft With Event-Triggered Communication. IEEE Transactions on Aerospace and Electronic Systems, 2022, 58, 262-274.	4.7	9
24	Fixed-Time Synchronization of Complex Dynamical Networks: A Novel and Economical Mechanism. IEEE Transactions on Cybernetics, 2022, 52, 4430-4440.	9.5	46
25	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
26	Task coupling based layered cooperative guidance: Theories and applications. Control Engineering Practice, 2022, 121, 105050.	5.5	8
27	Time-varying group formation-tracking control for general linear multi-agent systems with switching topologies and unknown input. International Journal of Robust and Nonlinear Control, 2022, 32, 1925-1940.	3.7	10
28	Dynamic Event-Triggered Leader-Follower Consensus Control for MultiAgent Systems. SIAM Journal on Control and Optimization, 2022, 60, 189-209.	2.1	47
29	Adaptive Leaderless Consensus for Uncertain High-Order Nonlinear Multiagent Systems With Event-Triggered Communication. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 7101-7111.	9.3	17
30	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
31	Distributed Nash Equilibrium Seeking for Aggregative Games With Directed Communication Graphs. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 3339-3352.	5.4	8
32	Optimizing Constrained Guidance Policy With Minimum Overload Regularization. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 2994-3005.	5.4	1
33	Spacecraft Proximity Maneuvering and Rendezvous With Collision Avoidance Based on Reinforcement Learning. IEEE Transactions on Aerospace and Electronic Systems, 2022, 58, 5823-5834.	4.7	15
34	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
35	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
36	A Decomposition Approach for Synchronization of Heterogeneous Complex Networks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 853-863.	9.3	6

#	ARTICLE	IF	CITATIONS
37	Infection-Probability-Dependent Interlayer Interaction Propagation Processes in Multiplex Networks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 1085-1096.	9.3	15
38	PID Control for Synchronization of Complex Dynamical Networks With Directed Topologies. IEEE Transactions on Cybernetics, 2021, 51, 1334-1346.	9.5	40
39	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
40	A distributed normalized Nash equilibrium seeking algorithm for power allocation among micro-grids. Science China Technological Sciences, 2021, 64, 341-352.	4.0	8
41	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
42	Finite-Time Synchronization of Impulsive Dynamical Networks With Strong Nonlinearity. IEEE Transactions on Automatic Control, 2021, 66, 3550-3561.	5.7	26
43	A Novel Synchronization Protocol for Nonlinear Stochastic Dynamical Networked Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 2676-2686.	9.3	3
44	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
45	Efficient structured pruning based on deep feature stabilization. Neural Computing and Applications, 2021, 33, 7409-7420.	5.6	7
46	Design and Smartphone Implementation of Chaotic Duplex H.264-Codec Video Communications. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2021, 31, 2150045.	1.7	6
47	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
48	Learning to Optimize Industry-Scale Dynamic Pickup and Delivery Problems. , 2021, , .		11
49	Cryptanalysis of Some Self-Synchronous Chaotic Stream Ciphers and Their Improved Schemes. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2021, 31, 2150142.	1.7	1
50	Time-varying output formation tracking of heterogeneous linear multi-agent systems with dynamical controllers. Neurocomputing, 2021, 441, 36-43.	5.9	12
51	Parameter Identification of Memristor-Based Chaotic Systems via the Drive-Response Synchronization Method. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 2082-2086.	3.0	2
52	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
53	Predefined Finite-Time Output Containment of Nonlinear Multi-Agent Systems With Leaders of Unknown Inputs. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 3436-3448.	5.4	20
54	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

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55	An overview on the designs of distributed observers in LTI multi-agent systems. Science China Technological Sciences, 2021, 64, 2337-2346.	4.0	8
56	Opinion Diffusion in Two-Layer Interconnected Networks. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 3772-3783.	5.4	10
57	Event-Triggering Communication Based Distributed Coordinated Control of Multiple High-Speed Trains. IEEE Transactions on Vehicular Technology, 2021, 70, 8556-8566.	6.3	14
58	Distributed adaptive cooperative time-varying formation tracking guidance for multiple aerial vehicles system. Aerospace Science and Technology, 2021, 117, 106925.	4.8	21
59	Exploring Impact Factors of Risk Contagion in Venture Capital Markets: A Complex Network Approach. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 4268-4277.	5.4	3
60	Evaluating Performances and Importance of Venture Capitals: A Complex Network Approach. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 2060-2068.	5.4	4
61	Characteristic Analysis of the High-speed Railway Network: a Spatia-temporal Network Perspective. , 2021, , .		2
62	Layer-wise Searching for 1-bit Detectors. , 2021, , .		15
63	Train Delay Prediction based on a Multimodal Deep-learning Method. , 2021, , .		1
64	Topology Identification in Two-Layer Complex Dynamical Networks. IEEE Transactions on Network Science and Engineering, 2020, 7, 538-548.	6.4	33
65	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
66	Recovering Network Structures With Time-Varying Nodal Parameters. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 2588-2598.	9.3	16
67	Stochastic Consensus Control Integrated With Performance Improvement: A Consensus Region-Based Approach. IEEE Transactions on Industrial Electronics, 2020, 67, 3000-3012.	7.9	26
68	Improving the initialization speed for long-range NRTK in network solution mode. Science China Technological Sciences, 2020, 63, 866-873.	4.0	2
69	Distributed fixed-time consensus for nonlinear heterogeneous multi-agent systems. Automatica, 2020, 113, 108797.	5.0	173
70	An overview on GNSS carrier-phase time transfer research. Science China Technological Sciences, 2020, 63, 589-596.	4.0	5
71	An Extended Stability Analysis Method for Paralleled DC-DC Converters System With Considering the Periodic Disturbance Based on Floquet Theory. IEEE Access, 2020, 8, 9023-9036.	4.2	16
72	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

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73	Leader-Following Pinning Synchronization of Multiagent Systems With Impulsive Interlayer Coupling. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 5162-5174.	5.4	21
74	Leader-following consensus of multi-agent systems under antagonistic networks. Neurocomputing, 2020, 413, 339-347.	5.9	8
75	Signal approximation with Pascal's triangle and sampling. , 2020, , .		0
76	Crowd Counting for Static Images: A Survey of Methodology. , 2020, , .		5
77	Leader-Following Consensus of Stochastic Dynamical Multi-Agent Systems Under PI Control. , 2020, , .		0
78	Modeling and Analysis of Coupled Bio-molecular Circuits. , 2020, , 215-248.		0
79	Identifying Important Nodes in Bio-Molecular Networks. , 2020, , 315-396.		0
80	Statistical Analysis of Functional Genes in Human PPI Networks. , 2020, , 397-426.		0
81	Modeling and Analysis of Bio-molecular Networks. , 2020, , .		6
82	Introduction and Preliminaries. , 2020, , 1-49.		0
83	Reconstruction of Bio-molecular Networks. , 2020, , 53-105.		0
84	Evolutionary Mechanisms of Network Motifs in PPI Networks. , 2020, , 295-313.		0
85	Data-Driven Statistical Approaches for Omics Data Analysis. , 2020, , 429-459.		0
86	Modeling and Analysis of Large-Scale Networks. , 2020, , 249-292.		3
87	Modeling and Analysis of Simple Genetic Circuits. , 2020, , 107-214.		0
88	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
89	Design and Virtex-7-Based Implementation of Video Chaotic Secure Communications. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2020, 30, 2050075.	1.7	10
90	Synchronization Analysis on Two-Layer Networks of Fractional-Order Systems: Intralayer and Interlayer Synchronization. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 2397-2408.	5.4	21

#	ARTICLE	IF	CITATIONS
91	Semiglobal Consensus of a Class of Heterogeneous Multi-Agent Systems With Saturation. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 4946-4955.	11.3	15
92	Optimizing Synchronizability of Multilayer Networks Based on the Graph Comparison Method. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 1740-1751.	5.4	10
93	Recovering node parameters and topologies of uncertain nonlinearly coupled complex networks. IET Control Theory and Applications, 2020, 14, 105-115.	2.1	6
94	Design of a Linear Quantum Projection Filter. , 2020, , .		0
95	Prediction of drug-related phenotypes based on the constructed phenotype-gene-drug heterogeneous network. , 2020, , .		0
96	Event-Based Formation Control for Linear Multi-Agent Systems Under Switching Topology. , 2020, , .		1
97	Dynamic Sliding-Mode Control for Piecewise Affine Systems. , 2020, , .		0
98	Spectral Learning Algorithm Reveals Propagation Capability of Complex Networks. IEEE Transactions on Cybernetics, 2019, 49, 4253-4261.	9.5	26
99	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
100	Collective Behaviors Through Social Interactions in Bird Flocks. IEEE Circuits and Systems Magazine, 2019, 19, 6-22.	2.3	18
101	Global synchronization under PI/PD controllers in general complex networks with time-delay. Neurocomputing, 2019, 366, 12-22.	5.9	12
102	Network Analysis of Chaotic Dynamics in Fixed-Precision Digital Domain. , 2019, , .		2
103	Random asynchronous iterations in distributed coordination algorithms. Automatica, 2019, 109, 108505.	5.0	4
104	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
105	Synchronization Via PID Control on Complex Directed Network with Delayed Nodes. , 2019, , .		0
106	Coreness and $h$ -Index for Weighted Networks. IEEE Transactions on Circuits and Systems I: Regular Papers, 2019, 66, 3113-3122.	5.4	29
107	On PID control for synchronization of complex dynamical network with delayed nodes. Science China Technological Sciences, 2019, 62, 1412-1422.	4.0	18
108	Breaking an Image Encryption Algorithm Based on DNA Encoding and Spatiotemporal Chaos. Entropy, 2019, 21, 246.	2.2	47

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109	Identifying topologies and system parameters of uncertain time-varying delayed complex networks. <i>Science China Technological Sciences</i> , 2019, 62, 94-105.	4.0	19
110	Finite-time adaptive stability of gene regulatory networks. <i>Neurocomputing</i> , 2019, 338, 222-232.	5.9	23
111	Multilayered Self-triggered Control for Thermostatically Controlled Loads. , 2019, , .		3
112	Fixed-Time Synchronization Control for a Class of Master-Slave Systems Based on Homogeneous Method. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2019, 66, 1547-1551.	3.0	41
113	Mining Top- $k$ Useful Negative Sequential Patterns via Learning. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019, 30, 2764-2778.	11.3	34
114	Master stability functions for complete, intralayer, and interlayer synchronization in multiplex networks of coupled Rössler oscillators. <i>Physical Review E</i> , 2019, 99, 012304.	2.1	98
115	Adaptive Diffusion Processes of Time-Varying Local Information on Networks. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2019, 66, 1592-1596.	3.0	11
116	Distributed Formation Control of Multiple Quadrotor Aircraft Based on Nonsmooth Consensus Algorithms. <i>IEEE Transactions on Cybernetics</i> , 2019, 49, 342-353.	9.5	225
117	Controllability Analysis of a Gene Network for <i>Arabidopsis thaliana</i> Reveals Characteristics of Functional Gene Families. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2019, 16, 912-924.	3.0	37
118	Leader-Following Consensus of Multi-Agent Systems With Switching Networks and Event-Triggered Control. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2018, 65, 1696-1706.	5.4	89
119	Discrete-Time Fast Terminal Sliding Mode Control for Permanent Magnet Linear Motor. <i>IEEE Transactions on Industrial Electronics</i> , 2018, 65, 9916-9927.	7.9	197
120	Robust Reconstruction of Continuously Time-Varying Topologies of Weighted Networks. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2018, 65, 2970-2982.	5.4	29
121	Design and FPGA-Based Realization of a Chaotic Secure Video Communication System. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2018, 28, 2359-2371.	8.3	84
122	Asynchronous Implementation of Distributed Coordination Algorithms: Conditions Using Partially Scrambling and Essentially Cyclic Matrices. <i>IEEE Transactions on Automatic Control</i> , 2018, 63, 1745-1752.	5.7	4
123	Economic power dispatch in smart grids: a framework for distributed optimization and consensus dynamics. <i>Science China Information Sciences</i> , 2018, 61, 1.	4.3	51
124	Cooperative Output Regulation of LTI Plant via Distributed Observers With Local Measurement. <i>IEEE Transactions on Cybernetics</i> , 2018, 48, 2181-2191.	9.5	21
125	Asymptotic Consensus Tracking of Uncertain Multi-Agent Systems with a High-Dimensional Leader: A Neuro-Adaptive Approach. , 2018, , .		0
126	Leader-Following Consensus of a Class of Multi-Agent Systems with Saturations. , 2018, , .		1



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127	A threshold effect of coupling delays on intra-layer synchronization in duplex networks. Science China Technological Sciences, 2018, 61, 1907-1914.	4.0	13
128	Distributed PI Control for Synchronization in Directed Strongly Connected Complex Dynamical Networks. , 2018, , .		1
129	Controllability Analysis of Transcriptional Regulatory Networks for Saccharomyces Cerevisiae. , 2018, , .		0
130	Design and SOPC-Based Realization of a Video Chaotic Secure Communication Scheme. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2018, 28, 1850160.	1.7	11
131	Cryptanalysis of a Chaotic Image Encryption Algorithm Based on Information Entropy. IEEE Access, 2018, 6, 75834-75842.	4.2	199
132	Cryptanalyzing an Image Encryption Algorithm Based on Autoblocking and Electrocardiography. IEEE MultiMedia, 2018, 25, 46-56.	1.7	214
133	Global Pinning Synchronization with PI Controller in General Complex Directed Networks. , 2018, , .		1
134	Synchronization regions of discrete-time dynamical networks with impulsive couplings. Information Sciences, 2018, 459, 265-277.	6.9	16
135	Security performance analysis of a chaotic stream cipher. Nonlinear Dynamics, 2018, 94, 1003-1017.	5.2	19
136	Substrate concentration effect on gene expression in genetic circuits with additional positive feedback. Science China Technological Sciences, 2018, 61, 1175-1183.	4.0	8
137	Coordinate-free formation control of multi-agent systems using rooted graphs. Systems and Control Letters, 2018, 119, 8-15.	2.3	7
138	Cryptanalysis of a Chaotic Stream Cipher and Its Improved Scheme. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2018, 28, 1850086.	1.7	18
139	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
140	Iterative Neighbour-Information Gathering for Ranking Nodes in Complex Networks. Scientific Reports, 2017, 7, 41321.	3.3	19
141	Complex cyber-physical networks: From cybersecurity to security control. Journal of Systems Science and Complexity, 2017, 30, 46-67.	2.8	83
142	Design and FPGA Implementation of a Universal Chaotic Signal Generator Based on the Verilog HDL Fixed-Point Algorithm and State Machine Control. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2017, 27, 1750040.	1.7	13
143	Design and ARM-embedded implementation of a chaotic map-based multicast scheme for multiuser speech wireless communication. International Journal of Circuit Theory and Applications, 2017, 45, 1849-1872.	2.0	20
144	Design and ARM-embedded implementation of a chaotic secure communication scheme based on H.264 selective encryption. Nonlinear Dynamics, 2017, 89, 1949-1965.	5.2	13

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145	On the Network Analysis of the State Space of Discrete Dynamical Systems. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2017, 27, 1750062.	1.7	3
146	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
147	Constructing Higher-Dimensional Nondegenerate Hyperchaotic Systems with Multiple Controllers. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2017, 27, 1750146.	1.7	6
148	Delay-induced discrete-time consensus. Automatica, 2017, 85, 356-361.	5.0	10
149	Cryptanalyzing an Image-Scrambling Encryption Algorithm of Pixel Bits. IEEE MultiMedia, 2017, 24, 64-71.	1.7	188
150	A Novel Approach for Constructing One-Way Hash Function Based on a Message Block Controlled 8D Hyperchaotic Map. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2017, 27, 1750106.	1.7	13
151	Stability Analysis of the Shunt Regulator With Nonlinear Controller in PCU Based on Describing Function Method. IEEE Transactions on Industrial Electronics, 2017, 64, 2044-2053.	7.9	18
152	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
153	Hopf bifurcation control of the Mâ€“L neuron model with type I. Nonlinear Dynamics, 2017, 87, 755-766.	5.2	17
154	On the cryptanalysis of Fridrich's chaotic image encryption scheme. Signal Processing, 2017, 132, 150-154.	3.7	233
155	Synchronization of extended Kuramoto oscillators via a parameterized approach. , 2017, , .		0
156	Three-point bidirectional perturbation MPPT method in PV system. , 2017, , .		2
157	Topology reconstruction of complex networks with time-varying parameters nodes. , 2017, , .		3
158	Synchronization of complex network with delayed nodes via proportional-derivative control. , 2017, , .		4
159	Impact of node dynamical parameters on structures identification of complex networks based on the Lasso method. , 2017, , .		0
160	Distributed node-to-node state consensus of two-layer multi-agent systems. , 2017, , .		1
161	Some results on stochastic input-to-state stability of stochastic switched nonlinear systems. , 2016, , .		3
162	A novel large-signal stability analysis approach based on semi-tensor product of matrices with Lyapunov stability theorem for DC-DC converters. , 2016, , .		3

#	ARTICLE	IF	CITATIONS
163	Design of distributed observers with arbitrarily large communication delays. , 2016, , .		1
164	Emerging Behavioral Consensus of Evolutionary Dynamics on Complex Networks. SIAM Journal on Control and Optimization, 2016, 54, 3258-3272.	2.1	37
165	Reconstruction of opinion dynamics network with bounded confidence via compressive sensing. , 2016, , .		1
166	Velocity synchronization of multi-agent systems with mismatched parameters via sampled position data. Chaos, 2016, 26, 023106.	2.5	9
167	Analysis and Control of Networked Game Dynamics via A Microscopic Deterministic Approach. IEEE Transactions on Automatic Control, 2016, 61, 4118-4124.	5.7	30
168	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
169	Design and Smartphone-Based Implementation of a Chaotic Video Communication Scheme via WAN Remote Transmission. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2016, 26, 1650158.	1.7	21
170	Topology identification of two-layer unidirectional complex dynamical networks based on auxiliary system approach. , 2016, , .		3
171	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
172	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
173	An evolutionary game approach for determination of the structural conflicts in signed networks. Scientific Reports, 2016, 6, 22022.	3.3	16
174	Topology inference of uncertain complex dynamical networks and its applications in hidden nodes detection. Science China Technological Sciences, 2016, 59, 1232-1243.	4.0	13
175	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
176	Finite-time adaptive consensus of a class of multi-agent systems. Science China Technological Sciences, 2016, 59, 22-32.	4.0	73
177	Cooperation of Multiagent Systems With Mismatch Parameters: A Viewpoint of Power Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2016, 63, 693-697.	3.0	11
178	Robust Consensus of Nonlinear Multiagent Systems With Switching Topology and Bounded Noises. IEEE Transactions on Cybernetics, 2016, 46, 1276-1285.	9.5	33
179	Graphical Features of Functional Genes in Human Protein Interaction Network. IEEE Transactions on Biomedical Circuits and Systems, 2016, 10, 707-720.	4.0	29
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