

# Chen Guanrong

## List of Publications by Year in descending order

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1,449  
papers

87,358  
citations

333

137  
h-index

750

250  
g-index

1512  
all docs

1512  
docs citations

1512  
times ranked

19817  
citing authors

#	ARTICLE	IF	CITATIONS
1	Irregular-Mapped Protograph LDPC-Coded Modulation: A Bandwidth-Efficient Solution for 6G-Enabled Mobile Networks. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2023, 24, 2060-2073.	4.7	42
2	From Chaos to Pseudorandomness: A Case Study on the 2-D Coupled Map Lattice. <i>IEEE Transactions on Cybernetics</i> , 2023, 53, 1324-1334.	6.2	12
3	A Geometric Criterion for the Existence of Chaos Based on Periodic Orbits in Continuous-Time Autonomous Systems. <i>Journal of Dynamical and Control Systems</i> , 2023, 29, 71-93.	0.4	1
4	A Topological Mechanism of Superdiffusion on Duplex Networks. <i>IEEE Transactions on Control of Network Systems</i> , 2023, 10, 556-563.	2.4	5
5	Design and Analysis of Multiscroll Memristive Hopfield Neural Network With Adjustable Memductance and Application to Image Encryption. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2023, 34, 7824-7837.	7.2	80
6	Link-Information Augmented Twin Autoencoders for Network Denoising. <i>IEEE Transactions on Cybernetics</i> , 2023, 53, 5585-5595.	6.2	0
7	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.	6.2	34
8	Solitary waves, periodic peakons and compactons on foliations in a Hertz chain model. <i>Discrete and Continuous Dynamical Systems - Series S</i> , 2023, 16, 655-670.	0.6	0
9	Controllability of Multilayer Snapback Networks. <i>IEEE Transactions on Control of Network Systems</i> , 2023, 10, 15-25.	2.4	1
10	Data-Driven Discovery of Block-Oriented Nonlinear Models Using Sparse Null-Subspace Methods. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 3794-3804.	6.2	3
11	Predicting Network Controllability Robustness: A Convolutional Neural Network Approach. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 4052-4063.	6.2	29
12	Distributed Fixed-Time Coordination Control for Networked Multiple Euler-Lagrange Systems. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 4611-4622.	6.2	23
13	Dynamics of Induced Maps on the Space of Probability Measures. <i>Journal of Dynamics and Differential Equations</i> , 2022, 34, 961-981.	1.0	3
14	Link Weight Prediction Using Weight Perturbation and Latent Factor. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 1785-1797.	6.2	7
15	Distributed Surrounding Control of Multiple Unmanned Surface Vessels With Varying Interconnection Topologies. <i>IEEE Transactions on Control Systems Technology</i> , 2022, 30, 400-407.	3.2	25
16	Delay and Packet-Drop Tolerant Multistage Distributed Average Tracking in Mean Square. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 9535-9545.	6.2	7
17	An Accelerated Algorithm for Linear Quadratic Optimal Consensus of Heterogeneous Multiagent Systems. <i>IEEE Transactions on Automatic Control</i> , 2022, 67, 421-428.	3.6	17
18	Moving Target Surrounding Control of Linear Multiagent Systems With Input Saturation. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022, 52, 1705-1715.	5.9	14

#	ARTICLE	IF	CITATIONS
19	A Distributed Optimization Scheme for State Estimation of Nonlinear Networks With Norm-Bounded Uncertainties. <i>IEEE Transactions on Automatic Control</i> , 2022, 67, 2582-2589.	3.6	8
20	Knowledge-Based Prediction of Network Controllability Robustness. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2022, 33, 5739-5750.	7.2	20
21	Extended Dissipative Sliding-Mode Control for Discrete-Time Piecewise Nonhomogeneous Markov Jump Nonlinear Systems. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 9219-9229.	6.2	27
22	Resilient Consensus of Higher Order Multiagent Networks: An Attack Isolation-Based Approach. <i>IEEE Transactions on Automatic Control</i> , 2022, 67, 1001-1007.	3.6	28
23	Neuroscience and Network Dynamics Toward Brain-Inspired Intelligence. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 10214-10227.	6.2	7
24	Robust adaptive H $\infty$ control for networked uncertain semi-Markov jump nonlinear systems with input quantization. <i>Science China Information Sciences</i> , 2022, 65, 1.	2.7	36
25	Coherence Scaling of Noisy Second-Order Scale-Free Consensus Networks. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 5923-5934.	6.2	3
26	Terminal-Time Synchronization of Multivehicle Systems Under Sampled-Data Communications. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022, 52, 2625-2636.	5.9	16
27	On union and intersection of type-2 fuzzy sets not expressible by the sup-t-norm extension principle. <i>Fuzzy Sets and Systems</i> , 2022, 441, 241-261.	1.6	5
28	Controllability analysis for a class of piecewise nonlinear impulsive nonautonomous systems. <i>International Journal of Robust and Nonlinear Control</i> , 2022, 32, 567-582.	2.1	6
29	Complex dynamics of a bi-directional N-type locally-active memristor. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2022, 105, 106086.	1.7	4
30	On Distributed Implementation of Switch-Based Adaptive Dynamic Programming. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 7218-7224.	6.2	11
31	Discrete-Time Algorithms for Distributed Constrained Convex Optimization With Linear Convergence Rates. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 4874-4885.	6.2	19
32	A Bayesian Graph Embedding Model for Link-Based Classification Problems. <i>IEEE Transactions on Network Science and Engineering</i> , 2022, 9, 716-727.	4.1	1
33	Simplification of Chaotic Circuits With Quadratic Nonlinearity. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022, 69, 1837-1841.	2.2	9
34	Distributed State Estimation for Uncertain Linear Systems With a Recursive Architecture. <i>IEEE Transactions on Network Science and Engineering</i> , 2022, 9, 1163-1174.	4.1	3
35	Design of Joint Position and Constellation Mapping Assisted DCSK Scheme Subject to Laplacian Impulsive Noise. <i>IEEE Communications Letters</i> , 2022, 26, 463-467.	2.5	3
36	Average Controllability of Complex Networks With Laplacian Dynamics. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2022, 69, 1704-1714.	3.5	6

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37	A unified control method for consensus with various quantizers. <i>Automatica</i> , 2022, 136, 110090.	3.0	4
38	Performance and Capacity Analysis of MDCSK-BICM for Impulsive Noise in PLC. <i>IEEE Transactions on Power Delivery</i> , 2022, 37, 3164-3175.	2.9	4
39	Performance Analysis and Resource Allocation for a Relaying LoRa System Considering Random Nodal Distances. <i>IEEE Transactions on Communications</i> , 2022, 70, 1638-1652.	4.9	4
40	Controllability Robustness of Henneberg-Growth Complex Networks. <i>IEEE Access</i> , 2022, 10, 5103-5114.	2.6	7
41	A Self-Reproduction Hyperchaotic Map With Compound Lattice Dynamics. <i>IEEE Transactions on Industrial Electronics</i> , 2022, 69, 10564-10572.	5.2	51
42	Joint Code Rate Compatible Design of DP-LDPC Code Pairs for Joint Source Channel Coding Over Implant-to-External Channel. <i>IEEE Transactions on Wireless Communications</i> , 2022, 21, 5526-5540.	6.1	9
43	Rate-Constrained Trellis-Coded Quantization for Large-Scale Noisy Graph Signals. <i>IEEE Communications Letters</i> , 2022, 26, 907-911.	2.5	1
44	Target Controllability of Networked LTI Systems. <i>IEEE Transactions on Network Science and Engineering</i> , 2022, 9, 1493-1500.	4.1	1
45	Simplicial networks: a powerful tool for characterizing higher-order interactions. <i>National Science Review</i> , 2022, 9, nwac038.	4.6	8
46	Analysis and control of complex cyber-physical networks. <i>Asian Journal of Control</i> , 2022, 24, 495-497.	1.9	1
47	Formation control for unmanned surface vessels: A game-theoretic approach. <i>Asian Journal of Control</i> , 2022, 24, 498-509.	1.9	9
48	Searching for Best Network Topologies with Optimal Synchronizability: A Brief Review. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2022, 9, 573-577.	8.5	22
49	Intermittent Cluster Consensus Control of Multiagent Systems From a Static/Dynamic Output Approach. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022, 52, 7727-7736.	5.9	5
50	A Novel Differential Chaos Shift Keying Scheme With Transmit Diversity. <i>IEEE Communications Letters</i> , 2022, 26, 1668-1672.	2.5	12
51	Simplified Memristive Lorenz Oscillator. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022, 69, 3344-3348.	2.2	5
52	Distributed Nash Equilibrium Seeking for Aggregative Games With Directed Communication Graphs. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2022, 69, 3339-3352.	3.5	8
53	Dynamics and Synchronization of Complex-Valued Ring Networks. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2022, 32, .	0.7	11
54	Bifurcations, Exact Peakon, Periodic Peakons and Solitary Wave Solutions of the Modified Camassa-Holm Equation. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2022, 32, .	0.7	2

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55	A retrospective study of factors contributing to anchorage loss in upper premolar extraction cases. Nigerian Journal of Clinical Practice, 2022, 25, 664.	0.2	1
56	Designing a Common DP-LDPC Code Pair for Variable On-Body Channels. IEEE Transactions on Wireless Communications, 2022, 21, 9596-9609.	6.1	6
57	Neural pinning control for adaptive trajectory tracking of complex dynamical networks. Mathematical Methods in the Applied Sciences, 2022, 45, 10640-10658.	1.2	2
58	Bifurcations and Exact Traveling Wave Solutions in the Generalized Sasa-Satsuma Equation. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2022, 32, .	0.7	1
59	An infinite perfect-secrecy system with non-uniformly distributed keys. Journal of Information Security and Applications, 2022, 68, 103256.	1.8	0
60	Consensus Control of Second-Order Time-Delayed Multiagent Systems in Noisy Environments Using Absolute Velocity and Relative Position Measurements. IEEE Transactions on Cybernetics, 2021, 51, 5364-5374.	6.2	14
61	A Channel-Fused Dense Convolutional Network for EEG-Based Emotion Recognition. IEEE Transactions on Cognitive and Developmental Systems, 2021, 13, 945-954.	2.6	81
62	Classification of EEG Signals on VEP-Based BCI Systems With Broad Learning. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 7143-7151.	5.9	32
63	Multitask-Based Temporal-Channelwise CNN for Parameter Prediction of Two-Phase Flows. IEEE Transactions on Industrial Informatics, 2021, 17, 6329-6336.	7.2	13
64	Epidemic Propagation With Positive and Negative Preventive Information in Multiplex Networks. IEEE Transactions on Cybernetics, 2021, 51, 1454-1462.	6.2	150
65	Hybrid Neural Adaptive Control for Practical Tracking of Markovian Switching Networks. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 2157-2168.	7.2	4
66	Optimizing Pinning Control of Complex Dynamical Networks Based on Spectral Properties of Grounded Laplacian Matrices. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 786-796.	5.9	45
67	A New Method for Topology Identification of Complex Dynamical Networks. IEEE Transactions on Cybernetics, 2021, 51, 2224-2231.	6.2	38
68	The Role of Reverse Edges on Consensus Performance of Chain Networks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 1757-1765.	5.9	8
69	Synchronization of Networked Harmonic Oscillators via Quantized Sampled Velocity Feedback. IEEE Transactions on Automatic Control, 2021, 66, 3267-3273.	3.6	10
70	Some stronger forms of topological transitivity and sensitivity for a sequence of uniformly convergent continuous maps. Journal of Mathematical Analysis and Applications, 2021, 494, 124443.	0.5	9
71	Distributed Nash Equilibrium Seeking in an Aggregative Game on a Directed Graph. IEEE Transactions on Automatic Control, 2021, 66, 2746-2753.	3.6	36
72	Distributed Model Predictive Control for Linear Quadratic Performance and Consensus State Optimization of Multiagent Systems. IEEE Transactions on Cybernetics, 2021, 51, 2905-2915.	6.2	37

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73	Dynamic transport: From bifurcation to multistability. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2021, 95, 105600.	1.7	20
74	Scalable consensus filtering for uncertain systems over sensor networks with Round-Robin protocol. <i>International Journal of Robust and Nonlinear Control</i> , 2021, 31, 1051-1066.	2.1	10
75	M-Evolve: Structural-Mapping-Based Data Augmentation for Graph Classification. <i>IEEE Transactions on Network Science and Engineering</i> , 2021, 8, 190-200.	4.1	13
76	Design of an MISO-SWIPT-Aided Code-Index Modulated Multi-Carrier $M$ -DCSK System for e-Health IoT. <i>IEEE Journal on Selected Areas in Communications</i> , 2021, 39, 311-324.	9.7	59
77	Distributed Finite-Horizon Extended Kalman Filtering for Uncertain Nonlinear Systems. <i>IEEE Transactions on Cybernetics</i> , 2021, 51, 512-520.	6.2	46
78	Subgraph Networks With Application to Structural Feature Space Expansion. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2021, 33, 2776-2789.	4.0	40
79	Breaking of integrability and conservation leading to Hamiltonian chaotic system and its energy-based coexistence analysis. <i>Chaos</i> , 2021, 31, 013101.	1.0	8
80	Bifurcations and Exact Traveling Wave Solutions of Two Shallow Water Two-Component Systems. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2021, 31, 2150001.	0.7	8
81	A Convolutional Neural Network Approach to Predicting Network Connectedness Robustness. <i>IEEE Transactions on Network Science and Engineering</i> , 2021, 8, 3209-3219.	4.1	22
82	Interval Observer Design and Consensus of MultiAgent Systems with Time-Varying Interval Uncertainties. <i>SIAM Journal on Control and Optimization</i> , 2021, 59, 3392-3417.	1.1	19
83	Design of Code Pair for Protograph-LDPC Codes-Based JSCC System With Joint Shuffled Scheduling Decoding Algorithm. <i>IEEE Communications Letters</i> , 2021, 25, 3770-3774.	2.5	4
84	Subgraph Augmentation with Application to Graph Mining. <i>Big Data Management</i> , 2021, , 73-91.	0.9	0
85	Protograph LDPC-Coded BICM-ID With Irregular CSK Mapping in Visible Light Communication Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2021, 70, 11033-11038.	3.9	51
86	Sampling Subgraph Network With Application to Graph Classification. <i>IEEE Transactions on Network Science and Engineering</i> , 2021, 8, 3478-3490.	4.1	7
87	Generalized Joint Shuffled Scheduling Decoding Algorithm for the JSCC System Based on Protograph-LDPC Codes. <i>IEEE Access</i> , 2021, 9, 128372-128380.	2.6	2
88	Distributed filtering and control of complex networks and systems. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2021, 22, 1-4.	1.5	1
89	Rare Energy-Conservative Attractors on Global Invariant Hypersurfaces and Their Multistability. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2021, 31, 2130007.	0.7	15
90	Generalized Lorenz Canonical Form Revisited. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2021, 31, 2150079.	0.7	7

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91	Performance of Deep Learning for Multiple Antennas Physical Layer Network Coding. , 2021, , .		3
92	Power Allocation of Two-User Downlink Channel Decoding. , 2021, , .		0
93	Corrections to "M-Evolve: Structural-Mapping-Based Data Augmentation for Graph Classification" IEEE Transactions on Network Science and Engineering, 2021, 8, 1974-1974.	4.1	0
94	Linear quadratic optimal consensus of discrete-time multi-agent systems with optimal steady state: A distributed model predictive control approach. Automatica, 2021, 127, 109505.	3.0	25
95	GENERALIZED SYNCHRONIZATION AND PARAMETERS IDENTIFICATION OF DIFFERENT-DIMENSIONAL CHAOTIC SYSTEMS IN THE COMPLEX FIELD. Fractals, 2021, 29, 2150081.	1.8	26
96	Cooperative neural-adaptive fault-tolerant output regulation for heterogeneous nonlinear uncertain multiagent systems with disturbance. Science China Information Sciences, 2021, 64, 1.	2.7	45
97	Pseudo-Peakon, Periodic Peakons and Compactons on a Shallow Water Model with Coriolis Effect. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2021, 31, 2150144.	0.7	0
98	Multivaluedness in Networks: Exemplars. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 2182-2186.	2.2	0
99	Differential Permutation Index DCSK Modulation for Chaotic Communication System. IEEE Communications Letters, 2021, 25, 2029-2033.	2.5	17
100	A Distributed Algorithm for Tracking General Functions of Multiple Signals Not-Necessarily Having Steady States. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 2107-2111.	2.2	3
101	On fuzzifications of non-autonomous dynamical systems. Topology and Its Applications, 2021, 297, 107704.	0.2	2
102	Searching Better Rewiring Strategies and Objective Functions for Stronger Controllability Robustness. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 2112-2116.	2.2	5
103	A stochastic SEIHR model for COVID-19 data fluctuations. Nonlinear Dynamics, 2021, 106, 1311-1323.	2.7	18
104	A Framework of Hierarchical Attacks to Network Controllability. Communications in Nonlinear Science and Numerical Simulation, 2021, 98, 105780.	1.7	16
105	Towards High-Data-Rate Noncoherent Chaotic Communication: A Multiple-Mode Differential Chaos Shift Keying System. IEEE Transactions on Wireless Communications, 2021, 20, 4888-4901.	6.1	15
106	Attention-Based Parallel Multiscale Convolutional Neural Network for Visual Evoked Potentials EEG Classification. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 2887-2894.	3.9	14
107	Joint Coding/Decoding Optimization for DC-BICM System: Collaborative Design. IEEE Communications Letters, 2021, 25, 2487-2491.	2.5	5
108	Bifurcation analysis of a class of generalized Hénon maps with hidden dynamics. IEEE Transactions on Electrical and Electronic Engineering, 2021, 16, 1456-1462.	0.8	2



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109	Design and Performance Analysis of a New STBC-MIMO LoRa System. IEEE Transactions on Communications, 2021, 69, 5744-5757.	4.9	21
110	Protograph LDPC-Coded BICM-ID With Irregular Mapping: An Emerging Transmission Technique for Massive Internet of Things. IEEE Transactions on Green Communications and Networking, 2021, 5, 1051-1065.	3.5	7
111	Finite-size scaling of geometric renormalization flows in complex networks. Physical Review E, 2021, 104, 034304.	0.8	7
112	Coupled Discrete Fractional-Order Logistic Maps. Mathematics, 2021, 9, 2204.	1.1	8
113	Cooperative Adaptive $H_\infty$ Output Regulation of Continuous-Time Heterogeneous Multi-Agent Markov Jump Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 3261-3265.	2.2	18
114	Multivaluedness in Networks: Shannon's Noisy-Channel Coding Theorem. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 3234-3235.	2.2	5
115	Broad Learning Based on Subgraph Networks for Graph Classification. Big Data Management, 2021, , 49-71.	0.9	1
116	Optimal Design of Joint Protomatrix for DP-LDPC Codes-Based JSCC System Over on-Body Channel. IEEE Access, 2021, 9, 33091-33101.	2.6	4
117	Generating Any Number of Diversified Hidden Attractors via Memristor Coupling. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 4945-4956.	3.5	33
118	Studying Multi-Frequency Multilayer Brain Network via Deep Learning for EEG-Based Epilepsy Detection. IEEE Sensors Journal, 2021, 21, 27651-27658.	2.4	7
119	Formation of multi-agent systems with desired orientation: a distance-based control approach. Nonlinear Dynamics, 2021, 106, 3351-3361.	2.7	5
120	Dynamics and synchronization of a complex-valued star network. Science China Technological Sciences, 2021, 64, 2729-2743.	2.0	19
121	Fractional-Order Chaotic Systems with Hidden Attractors. Emergence, Complexity and Computation, 2021, , 199-238.	0.2	0
122	Linear Li-Yorke Chaos in a Finite-Dimensional Space with Weak Topology. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2021, 31, .	0.7	3
123	Computing cliques and cavities in networks. Communications Physics, 2021, 4, .	2.0	17
124	Chaotic Systems Without Equilibria. Emergence, Complexity and Computation, 2021, , 55-75.	0.2	1
125	Boundedness of the complex Chen system. Discrete and Continuous Dynamical Systems - Series B, 2021, .	0.5	1
126	Cluster Lag Consensus for Second-Order Multiagent Systems with Nonlinear Dynamics and Switching Topologies. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 2093-2100.	5.9	19



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127	Pinning a Complex Network to Follow a Target System With Predesigned Control Inputs. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 2293-2304.	5.9	36
128	Projected Primalâ€“Dual Dynamics for Distributed Constrained Nonsmooth Convex Optimization. IEEE Transactions on Cybernetics, 2020, 50, 1776-1782.	6.2	39
129	Scalable Spectral Clustering for Overlapping Community Detection in Large-Scale Networks. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 754-767.	4.0	48
130	Edge-Based Finite-Time Protocol Analysis With Final Consensus Value and Settling Time Estimations. IEEE Transactions on Cybernetics, 2020, 50, 1450-1459.	6.2	44
131	Necessary and sufficient condition for non-concave network utility maximisation. International Journal of Control, 2020, 93, 319-327.	1.2	1
132	Trajectory Tracking on Uncertain Complex Networks via NN-Based Inverse Optimal Pinning Control. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 854-864.	7.2	20
133	Answers to some questions about Zadeh's extension principle on metric spaces. Fuzzy Sets and Systems, 2020, 387, 174-180.	1.6	4
134	Henneberg Growth of Social Networks: Modeling the Facebook. IEEE Transactions on Network Science and Engineering, 2020, 7, 701-712.	4.1	5
135	NES-TL: Network Embedding Similarity-Based Transfer Learning. IEEE Transactions on Network Science and Engineering, 2020, 7, 1607-1618.	4.1	14
136	A Cooperative Distributed Model Predictive Control Approach to Supply Chain Management. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 4894-4904.	5.9	15
137	Security Analysis of a Distributed Networked System Under Eavesdropping Attacks. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 1254-1258.	2.2	22
138	A Self-Learning Information Diffusion Model for Smart Social Networks. IEEE Transactions on Network Science and Engineering, 2020, 7, 1466-1480.	4.1	13
139	Event-Triggered Control for Semiglobal Robust Consensus of a Class of Nonlinear Uncertain Multiagent Systems. IEEE Transactions on Automatic Control, 2020, 65, 1683-1690.	3.6	37
140	Complex Network Analysis of Wire-Mesh Sensor Measurements for Characterizing Vertical Gasâ€“Liquid Two-Phase Flows. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 1134-1138.	2.2	9
141	Lâ„ž-Stability of a Class of Volterra Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 1469-1471.	2.2	1
142	Modeling and Experimental Validation of the Chaotic Behavior of a Robot Whip. Journal of Mechanics, 2020, 36, 373-394.	0.7	2
143	Leaderless Consensus of Ring-Networked Mobile Robots via Distributed Saturated Control. IEEE Transactions on Industrial Electronics, 2020, 67, 10723-10731.	5.2	11
144	A note on the sensitivity of semiflows. Topology and Its Applications, 2020, 271, 107046.	0.2	11

#	ARTICLE	IF	CITATIONS
145	Formation of spiral wave in Hodgkin-Huxley neuron networks with Gamma-distributed synaptic input. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2020, 83, 105112.	1.7	15
146	Answering an open question in fuzzy metric spaces. <i>Fuzzy Sets and Systems</i> , 2020, 390, 188-191.	1.6	7
147	Physical-Layer Network Coding: An Efficient Technique for Wireless Communications. <i>IEEE Network</i> , 2020, 34, 270-276.	4.9	102
148	Neural sliding-mode pinning control for output synchronization for uncertain general complex networks. <i>Automatica</i> , 2020, 112, 108694.	3.0	31
149	Controllability of Directed Networked MIMO Systems With Heterogeneous Dynamics. <i>IEEE Transactions on Control of Network Systems</i> , 2020, 7, 807-817.	2.4	18
150	Coexisting hidden and self-excited attractors in a locally active memristor-based circuit. <i>Chaos</i> , 2020, 30, 103123.	1.0	20
151	Extreme Multistability and Complex Dynamics of a Memristor-Based Chaotic System. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2020, 30, 2030019.	0.7	56
152	Stability of TCP/AQM Networks Under DDoS Attacks With Design. <i>IEEE Transactions on Network Science and Engineering</i> , 2020, 7, 3042-3056.	4.1	7
153	Design and Analysis of Replica Piecewise M-Ary DCSK Scheme for Power Line Communications With Asynchronous Impulsive Noise. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2020, 67, 5443-5453.	3.5	18
154	Modeling the COVID-19 Pandemic Using an SEIHR Model With Human Migration. <i>IEEE Access</i> , 2020, 8, 195503-195514.	2.6	15
155	S-Type Locally Active Memristor-Based Periodic and Chaotic Oscillators. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2020, 67, 5139-5152.	3.5	35
156	Pinning Control for the p53-Mdm2 Network Dynamics Regulated by p14ARF. <i>Frontiers in Physiology</i> , 2020, 11, 976.	1.3	5
157	Adversarial attack on BC classification for scale-free networks. <i>Chaos</i> , 2020, 30, 083102.	1.0	1
158	Exact Peakon, Periodic Peakon and Pseudo-Peon Solutions of the Rotation-Two-Component Camassa-Holm System. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2020, 30, 2050139.	0.7	7
159	Artificial Intelligence in Education: A Review. <i>IEEE Access</i> , 2020, 8, 75264-75278.	2.6	459
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