Zhigang Zeng

List of Publications by Year
in descending order

421 papers	18,347 citations	8755 75 h-index	23533 111 g-index
421 all docs	421 docs citations	421 times ranked	5992 citing authors

#	Article	IF	Citations
1	Generative Mixup Networks for Zero-Shot Learning. IEEE Transactions on Neural Networks and Learning Systems, 2024, PP, 1-12.	11.3	8
2	Distributed Observer-Based Leader–Follower Consensus of Multiple Euler–Lagrange Systems. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 157-168.	11.3	3
3	Exponential Stability of Impulsive Timescale-Type Nonautonomous Neural Networks With Discrete Time-Varying and Infinite Distributed Delays. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 1292-1304.	11.3	0
4	Quasisynchronization of Delayed Neural Networks With Discontinuous Activation Functions on Time Scales via Event-Triggered Control. IEEE Transactions on Cybernetics, 2023, 53, 44-54.	9.5	3
5	Finite-Time Synchronization of Neural Networks With Infinite Discrete Time-Varying Delays and Discontinuous Activations. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 3034-3043.	11.3	12
6	Multistability of Dynamic Memristor Delayed Cellular Neural Networks With Application to Associative Memories. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 690-702.	11.3	17
7	An Overview of the Stability Analysis of Recurrent Neural Networks With Multiple Equilibria. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 1098-1111.	11.3	20
8	Synchronization of Delayed Complex Networks on Time Scales via Aperiodically Intermittent Control Using Matrix-Based Convex Combination Method. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 2938-2950.	11.3	12
9	Event-Triggered Synchronization of Multiple Fractional-Order Recurrent Neural Networks With Time-Varying Delays. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 4620-4630.	11.3	12
10	On Pinning Linear and Adaptive Synchronization of Multiple Fractional-Order Neural Networks With Unbounded Time-Varying Delays. IEEE Transactions on Cybernetics, 2023, 53, 2402-2411.	9.5	6
11	Global Dissipativity and Quasi-Mittag–Leffler Synchronization of Fractional-Order Discontinuous Complex-Valued Neural Networks. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 4139-4152.	11.3	14
12	Tradeoff Analysis Between Control Time and Energy Consumption for Delayed Neural Networks With Discontinuous Activation Functions. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 5012-5023.	11.3	4
13	Semiglobal Robust Consensus of General Linear MASs Subject to Input Saturation and Additive Perturbations. IEEE Transactions on Cybernetics, 2023, 53, 3806-3817.	9.5	3
14	Adaptive Synchronization of Reaction–Diffusion Neural Networks With Nondifferentiable Delay via State Coupling and Spatial Coupling. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 7555-7566.	11.3	5
15	Adaptive Dynamic Event-Triggered Fault-Tolerant Consensus for Nonlinear Multiagent Systems With Directed/Undirected Networks. IEEE Transactions on Cybernetics, 2023, 53, 3901-3912.	9.5	11
16	Periodic Event-Triggered Control for Networked Control Systems With External Disturbance and Input and Output Delays. IEEE Transactions on Cybernetics, 2023, 53, 6386-6394.	9.5	4
17	Master–Slave Synchronization of Neural Networks With Unbounded Delays via Adaptive Method. IEEE Transactions on Cybernetics, 2023, 53, 3277-3287.	9.5	5
18	Geometric Renormalization Reveals the Self-Similarity of Weighted Networks. IEEE Transactions on Computational Social Systems, 2023, 10, 426-434.	4.4	6

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19	Impulsive Stabilization of Nonautonomous Timescale-Type Neural Networks With Constant and Unbounded Time-Varying Delays. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2023, 53, 542-554.	9.3	3
20	On Exponential Stability of Delayed Discrete-Time Complex-Valued Inertial Neural Networks. IEEE Transactions on Cybernetics, 2022, 52, 3483-3494.	9.5	18
21	Intralayer Synchronization of Multiplex Dynamical Networks via Pinning Impulsive Control. IEEE Transactions on Cybernetics, 2022, 52, 2110-2122.	9.5	30
22	Second-Order Consensus for Multiagent Systems With Switched Dynamics. IEEE Transactions on Cybernetics, 2022, 52, 4105-4114.	9.5	9
23	Model-Free Algorithms for Containment Control of Saturated Discrete-Time Multiagent Systems via Q-Learning Method. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1308-1316.	9.3	11
24	H_∞ Control for Observer-Based Non-Negative Edge Consensus of Discrete-Time Networked Systems. IEEE Transactions on Cybernetics, 2022, 52, 2351-2360.	9.5	3
25	Consensus of Continuous-Time Linear Multiagent Systems With Discrete Measurements. IEEE Transactions on Cybernetics, 2022, 52, 3196-3206.	9.5	3
26	Global Stability of Bidirectional Associative Memory Neural Networks With Multiple Time-Varying Delays. IEEE Transactions on Cybernetics, 2022, 52, 4095-4104.	9.5	16
27	Consensus-Based Distributed Reduced-Order Observer Design for LTI Systems. IEEE Transactions on Cybernetics, 2022, 52, 6331-6341.	9.5	17
28	Projective Synchronization Analysis of Fractional-Order Neural Networks With Mixed Time Delays. IEEE Transactions on Cybernetics, 2022, 52, 6798-6808.	9.5	33
29	Hidden Markov-Model-Based Control Design for Multilateral Teleoperation System With Asymmetric Time-Varying Delays. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1958-1969.	9.3	3
30	Finite-Time Stabilization and Energy Consumption Estimation for Delayed Nonlinear Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1891-1900.	9.3	17
31	Output-Feedback Global Consensus of Discrete-Time Multiagent Systems Subject to Input Saturation via Q-Learning Method. IEEE Transactions on Cybernetics, 2022, 52, 1661-1670.	9.5	11
32	Multistability and Stabilization of Fractional-Order Competitive Neural Networks With Unbounded Time-Varying Delays. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 4515-4526.	11.3	21
33	Corn-Plant Counting Using Scare-Aware Feature and Channel Interdependence. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	3
34	Synchronization of Timescale-Type Nonautonomous Neural Networks With Proportional Delays. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 2167-2173.	9.3	15
35	Predictor-Based Periodic Event-Triggered Control for Dual-Rate Networked Control Systems With Disturbances. IEEE Transactions on Cybernetics, 2022, 52, 8179-8190.	9.5	22
36	Generating Any Number of Initial Offset-Boosted Coexisting Chua's Double-Scroll Attractors via Piecewise-Nonlinear Memristor. IEEE Transactions on Industrial Electronics, 2022, 69, 7202-7212.	7.9	61

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37	Leader–Follower Interactive Potential for Target Enclosing of Perception-Limited UAV Groups. IEEE Systems Journal, 2022, 16, 856-867.	4.6	10
38	Distributed Adaptive Containment Control for Coupled Reaction-Diffusion Neural Networks With Directed Topology. IEEE Transactions on Cybernetics, 2022, 52, 6320-6330.	9.5	15
39	Quasisynchronization of Memristive Neural Networks With Communication Delays via Event-Triggered Impulsive Control. IEEE Transactions on Cybernetics, 2022, 52, 7682-7693.	9.5	9
40	An Efficient Memristor-Based Circuit Implementation of Squeeze-and-Excitation Fully Convolutional Neural Networks. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 1779-1790.	11.3	31
41	Decentralized Neurocontroller Design With Critic Learning for Nonlinear-Interconnected Systems. IEEE Transactions on Cybernetics, 2022, 52, 11672-11685.	9.5	15
42	Impulsive Communication With Full and Partial Information for Adaptive Tracking Consensus of Uncertain Second-Order Multiagent Systems. IEEE Transactions on Cybernetics, 2022, 52, 10302-10313.	9.5	10
43	Asynchronous Impulsive Protocols With Asymmetric Feedback Saturation on Leader-Based Formation Control of Multiagent Systems. IEEE Transactions on Cybernetics, 2022, 52, 9931-9942.	9.5	14
44	Memristor crossbar architectures for implementing deep neural networks. Complex & Intelligent Systems, 2022, 8, 787-802.	6.5	26
45	Stability and Synchronization of Nonautonomous Reaction–Diffusion Neural Networks With General Time-Varying Delays. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 5804-5817.	11.3	9
46	Finite-Time Stabilization of Competitive Neural Networks With Time-Varying Delays. IEEE Transactions on Cybernetics, 2022, 52, 11325-11334.	9.5	19
47	Exponential Stabilization of Fuzzy Memristive Neural Networks With Multiple Time Delays Via Intermittent Control. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 3092-3101.	9.3	16
48	Global Exponential Stability of Impulsive Delayed Neural Networks on Time Scales Based on Convex Combination Method. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 3015-3024.	9.3	4
49	Identification of Network Topology Variations Based on Spectral Entropy. IEEE Transactions on Cybernetics, 2022, 52, 10468-10478.	9.5	9
50	Memristor-Based HTM Spatial Pooler With On-Device Learning for Pattern Recognition. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1901-1915.	9.3	17
51	Model-Free Event-Triggered Consensus Algorithm for Multiagent Systems Using Reinforcement Learning Method. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 5212-5221.	9.3	6
52	Full-Circuit Implementation of Transformer Network Based on Memristor. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 1395-1407.	5.4	17
53	A Self-Reproduction Hyperchaotic Map With Compound Lattice Dynamics. IEEE Transactions on Industrial Electronics, 2022, 69, 10564-10572.	7.9	51
54	Finite-time stabilization of complex-valued neural networks with proportional delays and inertial terms: A non-separation approach. Neural Networks, 2022, 148, 86-95.	5.9	29

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55	Stability and Stabilization of Takagiâ€"Sugeno Fuzzy Second-Fractional-Order Linear Networks via Nonreduced-Order Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 6524-6533.	9.3	7
56	Sampled-Data Output Feedback Control for Nonlinear Uncertain Systems Using Predictor-Based Continuous-Discrete Observer. IEEE Transactions on Neural Networks and Learning Systems, 2022, PP, 1-11.	11.3	2
57	Few-Shot Domain Adaptation via Mixup Optimal Transport. IEEE Transactions on Image Processing, 2022, 31, 2518-2528.	9.8	5
58	Improving generality and accuracy of existing public development project selection methods: a study on GitHub ecosystem. Automated Software Engineering, 2022, 29, 1.	2.9	1
59	Distributed Adaptive Output Feedback Consensus of Parabolic PDE Agents on Undirected Networks. IEEE Transactions on Cybernetics, 2022, 52, 7742-7752.	9.5	7
60	Lag quasi-synchronization of incommensurate fractional-order memristor-based neural networks with nonidentical characteristics via quantized control: A vector fractional Halanay inequality approach. Journal of the Franklin Institute, 2022, 359, 6392-6437.	3.4	4
61	Distributed Cooperative Control of Multiple UAVs in the Presence of Actuator Faults and Input Constraints. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 4463-4467.	3.0	5
62	Recovering unknown topology in a two-layer multiplex network: One layer infers the other layer. Science China Technological Sciences, 2022, 65, 1493-1505.	4.0	2
63	Bipartite leader-following synchronization of delayed incommensurate fractional-order memristor-based neural networks under signed digraph via adaptive strategy. Neurocomputing, 2022, 505, 413-432.	5.9	10
64	Multicluster Consensus for Large-Scale Heterogenous Manned/Unmanned Aerial Team With Random Link Failure via Pinning Control. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 4924-4928.	3.0	2
65	Asymptotic Stability and Synchronization of Fractional-Order Neural Networks With Unbounded Time-Varying Delays. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 5547-5556.	9.3	15
66	Design of <i>In-Situ</i> Learning Bidirectional Associative Memory Neural Network Circuit With Memristor Synapse. IEEE Transactions on Emerging Topics in Computational Intelligence, 2021, 5, 743-754.	4.9	18
67	Global Exponential Stability of Memristive Neural Networks With Mixed Time-Varying Delays. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 3690-3699.	11.3	16
68	Observer-Based Quasi-Synchronization of Delayed Dynamical Networks With Parameter Mismatch Under Impulsive Effect. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 3046-3055.	11.3	10
69	Memristive Fuzzy Deep Learning Systems. IEEE Transactions on Fuzzy Systems, 2021, 29, 2224-2238.	9.8	6
70	Second-Order Consensus of Hybrid Multiagent Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6503-6512.	9.3	21
71	Event-Based Synchronization for Multiple Neural Networks With Time Delay and Switching Disconnected Topology. IEEE Transactions on Cybernetics, 2021, 51, 5993-6003.	9.5	13
72	Multiple Mittag-Leffler Stability of Delayed Fractional-Order Cohenâ€"Grossberg Neural Networks via Mixed Monotone Operator Pair. IEEE Transactions on Cybernetics, 2021, 51, 6333-6344.	9.5	24

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73	Sliding Mode Stabilization of Memristive Neural Networks With Leakage Delays and Control Disturbance. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 1254-1263.	11.3	7
74	Synchronization in Multiple Neural Networks With Delay and Disconnected Switching Topology via Event-Triggered Impulsive Control Strategy. IEEE Transactions on Industrial Electronics, 2021, 68, 2491-2500.	7.9	25
75	Multistability of Fractional-Order Neural Networks With Unbounded Time-Varying Delays. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 177-187.	11.3	27
76	Research on cascading high-dimensional isomorphic chaotic maps. Cognitive Neurodynamics, 2021, 15, 157-167.	4.0	10
77	Periodic Event-Triggered Synchronization of Multiple Memristive Neural Networks With Switching Topologies and Parameter Mismatch. IEEE Transactions on Cybernetics, 2021, 51, 427-437.	9.5	45
78	Intermittent Stabilization of Fuzzy Competitive Neural Networks With Reaction Diffusions. IEEE Transactions on Fuzzy Systems, 2021, 29, 2361-2372.	9.8	34
79	Multiple $\ddot{\text{I}}$-Type Stability of Cohen–Grossberg Neural Networks With Unbounded Time-Varying Delays. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 521-531.	9.3	13
80	A Disturbance Rejection Framework for Finite-Time and Fixed-Time Stabilization of Delayed Memristive Neural Networks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 905-915.	9.3	78
81	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.	9.3	45
82	Memristive Quantized Neural Networks: A Novel Approach to Accelerate Deep Learning On-Chip. IEEE Transactions on Cybernetics, 2021, 51, 1875-1887.	9.5	28
83	Synchronization of Nonidentical Neural Networks With Unknown Parameters and Diffusion Effects via Robust Adaptive Control Techniques. IEEE Transactions on Cybernetics, 2021, 51, 660-672.	9.5	21
84	Finite-/Fixed-Time Synchronization of Delayed Coupled Discontinuous Neural Networks With Unified Control Schemes. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 2535-2546.	11.3	29
85	Finite-time stability of coupled impulsive neural networks with time-varying delays and saturating actuators. Neurocomputing, 2021, 453, 590-598.	5.9	15
86	Improved approach to the problem of the global Mittag-Leffler synchronization for fractional-order multidimension-valued BAM neural networks based on new inequalities. Neural Networks, 2021, 133, 87-100.	5.9	25
87	Prescribed convergence analysis of recurrent neural networks with parameter variations. Mathematics and Computers in Simulation, 2021, 182, 858-870.	4.4	1
88	Pinning synchronization of fractional-order memristor-based neural networks with multiple time-varying delays via static or dynamic coupling. Journal of the Franklin Institute, 2021, 358, 895-933.	3.4	23
89	Positivity and Stability of Delayed Timescale-Type Differential-Difference Equations. IEEE Transactions on Automatic Control, 2021, 66, 3221-3226.	5.7	10
90	CKFO: Convolution Kernel First Operated Algorithm With Applications in Memristor-Based Convolutional Neural Network. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2021, 40, 1640-1647.	2.7	52

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91	Anti-Synchronization of Delayed State-Based Switched Inertial Neural Networks. IEEE Transactions on Cybernetics, 2021, 51, 2540-2549.	9.5	20
92	Robust Stability of Recurrent Neural Networks With Time-Varying Delays and Input Perturbation. IEEE Transactions on Cybernetics, 2021, 51, 3027-3038.	9.5	8
93	Model-Independent Formation Tracking of Multiple Euler–Lagrange Systems via Bounded Inputs. IEEE Transactions on Cybernetics, 2021, 51, 2813-2823.	9.5	22
94	A Unified Framework Design for Finite-Time and Fixed-Time Synchronization of Discontinuous Neural Networks. IEEE Transactions on Cybernetics, 2021, 51, 3004-3016.	9.5	45
95	End-to-End Detection-Segmentation System for Face Labeling. IEEE Transactions on Emerging Topics in Computational Intelligence, 2021, 5, 457-467.	4.9	48
96	Exponential Stabilization of Inertial Memristive Neural Networks With Multiple Time Delays. IEEE Transactions on Cybernetics, 2021, 51, 579-588.	9.5	52
97	Unmanned Aerial Vehicle Recognition of Maritime Small-Target Based on Biological Eagle-Eye Vision Adaptation Mechanism. IEEE Transactions on Aerospace and Electronic Systems, 2021, 57, 3368-3382.	4.7	11
98	3D Shape Estimation With an Enhanced Sparse Representation Approach. IEEE Signal Processing Letters, 2021, 28, 1685-1688.	3.6	0
99	A Multi-functional Memristive Pavlov Associative Memory Circuit Based on Neural Mechanisms. IEEE Transactions on Biomedical Circuits and Systems, 2021, 15, 978-993.	4.0	19
100	Mean Square Stabilization of Neural Networks with Weighted Try once Discard Protocol and State Observer. Neural Processing Letters, 2021, 53, 829-842.	3.2	3
101	Semi-Supervised Low-Rank Semantics Grouping for Zero-Shot Learning. IEEE Transactions on Image Processing, 2021, 30, 2207-2219.	9.8	12
102	Multi-scroll hidden attractor in memristive HR neuron model under electromagnetic radiation and its applications. Chaos, 2021, 31, 011101.	2.5	71
103	State bounding for fuzzy memristive neural networks with bounded input disturbances. Neural Networks, 2021, 134, 163-172.	5.9	13
104	Quantization synchronization of chaotic neural networks with time delay under event-triggered strategy. Cognitive Neurodynamics, 2021, 15, 897-914.	4.0	8
105	Effective Segmentation Approach for Solar Photovoltaic Panels in Uneven Illuminated Color Infrared Images. IEEE Journal of Photovoltaics, 2021, 11, 478-484.	2.5	7
106	Finite-time lag synchronization of inertial neural networks with mixed infinite time-varying delays and state-dependent switching. Neurocomputing, 2021, 433, 50-58.	5.9	30
107	Global stabilization of fractional-order memristor-based neural networks with incommensurate orders and multiple time-varying delays: a positive-system-based approach. Nonlinear Dynamics, 2021, 104, 2303-2329.	5.2	19
108	A novel no-equilibrium HR neuron model with hidden homogeneous extreme multistability. Chaos, Solitons and Fractals, 2021, 145, 110761.	5.1	78

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109	Impulsive Containment Control for Linear Multi-Agent Systems with Self-Feedback and Aperiodic Sampling. , 2021, , .		0
110	Stable and compact design of Memristive GoogLeNet Neural Network. Neurocomputing, 2021, 441, 52-63.	5.9	20
111	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
112	Synchronization of memristive neural networks with unknown parameters via event-triggered adaptive control. Neural Networks, 2021, 139, 255-264.	5.9	25
113	Fixed-time Synchronization of Coupled Memristive Complex-valued Neural Networks. Chaos, Solitons and Fractals, 2021, 148, 110993.	5.1	45
114	Basic theorem and global exponential stability of differentialâ€"algebraic neural networks with delay. Neural Networks, 2021, 140, 336-343.	5.9	3
115	Multistability and robustness of complex-valued neural networks with delays and input perturbation. Neurocomputing, 2021, 447, 319-328.	5.9	6
116	Novel Inequalities to Global Mittagâ€"Leffler Synchronization and Stability Analysis of Fractional-Order Quaternion-Valued Neural Networks. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 3700-3709.	11.3	27
117	Multistability of delayed fractional-order competitive neural networks. Neural Networks, 2021, 140, 325-335.	5.9	34
118	Event-based passification of delayed memristive neural networks. Information Sciences, 2021, 569, 344-357.	6.9	3
119	Exponential quasi-synchronization of coupled delayed memristive neural networks via intermittent event-triggered control. Neural Networks, 2021, 141, 98-106.	5.9	32
120	Positivity and stability of coupled differentialâ€"difference equations with time-varying delay on time scales. Automatica, 2021, 131, 109774.	5.0	6
121	Multi-mode function synchronization of memristive neural networks with mixed delays and parameters mismatch via event-triggered control. Information Sciences, 2021, 572, 147-166.	6.9	9
122	Synchronization of recurrent neural networks with unbounded delays and time-varying coefficients via generalized differential inequalities. Neural Networks, 2021, 143, 161-170.	5.9	8
123	Generating Any Number of Diversified Hidden Attractors via Memristor Coupling. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 4945-4956.	5.4	33
124	Neuroadaptive Impulsive Control on Consensus of Uncertain Multiagent Systems Using Continuous and Sampled Information. IEEE Transactions on Neural Networks and Learning Systems, 2021, PP, 1-13.	11.3	3
125	Editorial Special Issue for 50th Birthday of Memristor Theory and Application of Neuromorphic Computing Based on Memristorâ€"Part I. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 4417-4418.	5.4	5
126	Editorial Special Issue for 50th Birthday of Memristor Theory and Application of Neuromorphic Computing Based on Memristor - Part II. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 4835-4836.	5.4	1

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127	Memristive Circuit Design of Brain-Inspired Emotional Evolution Based on Theories of Internal Regulation and External Stimulation. IEEE Transactions on Biomedical Circuits and Systems, 2021, 15, 1380-1392.	4.0	11
128	Multiclass Classification of UML Diagrams from Images Using Deep Learning. International Journal of Software Engineering and Knowledge Engineering, 2021, 31, 1683-1698.	0.8	3
129	Stability and Robust Stability of Stochastic Reaction–Diffusion Neural Networks With Infinite Discrete and Distributed Delays. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 1721-1732.	9.3	53
130	Multiple Lagrange Stability Under Perturbation for Recurrent Neural Networks With Time-Varying Delays. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 2029-2041.	9.3	25
131	Multidomain Features Fusion for Zero-Shot Learning. IEEE Transactions on Emerging Topics in Computational Intelligence, 2020, 4, 764-773.	4.9	2
132	Quasi-synchronization of stochastic memristor-based neural networks with mixed delays and parameter mismatches. Neural Computing and Applications, 2020, 32, 4615-4628.	5.6	6
133	On Complete Stability of Recurrent Neural Networks With Time-Varying Delays and General Piecewise Linear Activation Functions. IEEE Transactions on Cybernetics, 2020, 50, 2249-2263.	9.5	11
134	Controllability of Two-Time-Scale Discrete-Time Multiagent Systems. IEEE Transactions on Cybernetics, 2020, 50, 1440-1449.	9.5	53
135	New Criteria on Global Stabilization of Delayed Memristive Neural Networks With Inertial Item. IEEE Transactions on Cybernetics, 2020, 50, 2770-2780.	9.5	51
136	Semiglobal Observer-Based Non-Negative Edge Consensus of Networked Systems With Actuator Saturation. IEEE Transactions on Cybernetics, 2020, 50, 2827-2836.	9.5	41
137	Lagrange Stability and Finite-Time Stabilization of Fuzzy Memristive Neural Networks With Hybrid Time-Varying Delays. IEEE Transactions on Cybernetics, 2020, 50, 2959-2970.	9.5	72
138	Event-Triggered Synchronization Strategy for Multiple Neural Networks With Time Delay. IEEE Transactions on Cybernetics, 2020, 50, 3271-3280.	9.5	39
139	Stabilization of Second-Order Memristive Neural Networks With Mixed Time Delays via Nonreduced Order. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 700-706.	11.3	45
140	Second-Order Consensus for Multiagent Systems via Intermittent Sampled Position Data Control. IEEE Transactions on Cybernetics, 2020, 50, 2063-2072.	9.5	90
141	Prescribed Performance Controller Design for DC Converter System With Constant Power Loads in DC Microgrid. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 4339-4348.	9.3	39
142	Synchronization and Consensus in Networks of Linear Fractional-Order Multi-Agent Systems via Sampled-Data Control. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 2955-2964.	11.3	43
143	Sliding mode control of neural networks via continuous or periodic sampling event-triggering algorithm. Neural Networks, 2020, 121, 140-147.	5.9	60
144	Novel results on synchronization for a class of switched inertial neural networks with distributed delays. Information Sciences, 2020, 511, 114-126.	6.9	51

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145	An Associative-Memory-Based Reconfigurable Memristive Neuromorphic System With Synchronous Weight Training. IEEE Transactions on Cognitive and Developmental Systems, 2020, 12, 529-540.	3.8	12
146	Memristor-Based Design of Sparse Compact Convolutional Neural Network. IEEE Transactions on Network Science and Engineering, 2020, 7, 1431-1440.	6.4	69
147	Stabilization of Nonautonomous Recurrent Neural Networks With Bounded and Unbounded Delays on Time Scales. IEEE Transactions on Cybernetics, 2020, 50, 4307-4317.	9.5	21
148	Finite/fixed-time synchronization of delayed memristive reaction-diffusion neural networks. Neurocomputing, 2020, 375, 1-8.	5.9	29
149	Global Synchronization of Fuzzy Memristive Neural Networks With Discrete and Distributed Delays. IEEE Transactions on Fuzzy Systems, 2020, 28, 2022-2034.	9.8	128
150	New approach to global Mittag-Leffler synchronization problem of fractional-order quaternion-valued BAM neural networks based on a new inequality. Neural Networks, 2020, 122, 320-337.	5.9	87
151	Adaptive tracking synchronization for coupled reaction–diffusion neural networks with parameter mismatches. Neural Networks, 2020, 124, 146-157.	5.9	17
152	A memristive dual–slope A/D converter. International Journal of Circuit Theory and Applications, 2020, 48, 42-55.	2.0	3
153	Quantized synchronization of memristive neural networks with time-varying delays via super-twisting algorithm. Neurocomputing, 2020, 380, 133-140.	5.9	31
154	Consensus of Second-Order Hybrid Multiagent Systems by Event-Triggered Strategy. IEEE Transactions on Cybernetics, 2020, 50, 4648-4657.	9.5	39
155	Global Stabilization of Fuzzy Memristor-Based Reaction–Diffusion Neural Networks. IEEE Transactions on Cybernetics, 2020, 50, 4658-4669.	9.5	40
156	Passivity and passification of memristive recurrent neural networks with multi-proportional delays and impulse. Applied Mathematics and Computation, 2020, 369, 124838.	2.2	25
157	Global exponential synchronization of delayed memristive neural networks with reaction–diffusion terms. Neural Networks, 2020, 123, 70-81.	5.9	85
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