

Tingwen Huang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Prefixed-Time Local Intermittent Sampling Synchronization of Stochastic Multicoupling Delay Reactionâ€“Diffusion Dynamic Networks. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 718-732.	11.3	12
2	Finite-Time Passivity and Synchronization of Multi-Weighted Complex Dynamical Networks Under PD Control. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 507-518.	11.3	4
3	Finite-Time Synchronization and H_{∞} Synchronization for Coupled Neural Networks With Multistate or Multiderivative Couplings. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 1628-1638.	11.3	3
4	Neural-Network-Based Adaptive Tracking Control for Nonlinear Multiagent Systems: The Observer Case. IEEE Transactions on Cybernetics, 2023, 53, 138-150.	9.5	11
5	Finite-Time Estimation for Markovian BAM Neural Networks With Asymmetrical Mode-Dependent Delays and Inconstant Measurements. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 344-354.	11.3	7
6	Approximate Optimal Control for Nonlinear Systems With Periodic Event-Triggered Mechanism. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 2722-2731.	11.3	5
7	Fuzzy Boundary Control for Nonlinear Delayed DPSs Under Boundary Measurements. IEEE Transactions on Cybernetics, 2023, 53, 1547-1556.	9.5	9
8	Adaptive Exact Penalty Design for Optimal Resource Allocation. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 1430-1438.	11.3	10
9	Multiobjective Reinforcement Learning-Based Neural Architecture Search for Efficient Portrait Parsing. IEEE Transactions on Cybernetics, 2023, 53, 1158-1169.	9.5	22
10	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
11	Neural Architecture Search for Portrait Parsing. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 1112-1121.	11.3	6
12	Compact and Stable Memristive Visual Geometry Group Neural Network. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 987-998.	11.3	4
13	New Fixed-Time Stability Criteria of Time-Varying Delayed Discontinuous Systems and Application to Discontinuous Neutral-Type Neural Networks. IEEE Transactions on Cybernetics, 2023, 53, 2358-2367.	9.5	7
14	A Second-Order Projected Primal-Dual Dynamical System for Distributed Optimization and Learning. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 6568-6577.	11.3	5
15	Asymptotical Neuro-Adaptive Consensus of Multi-Agent Systems With a High Dimensional Leader and Directed Switching Topology. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 9149-9160.	11.3	17
16	Neuroadaptive Performance Guaranteed Control for Multiagent Systems With Power Integrators and Unknown Measurement Sensitivity. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 9771-9782.	11.3	70
17	Pinning Spatiotemporal Sampled-Data Synchronization of Coupled Reactionâ€“Diffusion Neural Networks Under Deception Attacks. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 7967-7977.	11.3	7
18	Fully Distributed Pull-Based Event-Triggered Bipartite Fixed-Time Output Control of Heterogeneous Systems With an Active Leader. IEEE Transactions on Cybernetics, 2023, 53, 3089-3100.	9.5	8

#	ARTICLE	IF	CITATIONS
19	Suboptimal Leader-to-Coordination Control for Nonlinear Systems With Switching Topologies: A Learning-Based Method. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 10578-10588.	11.3	1
20	Privacy Preserving-Based Resilient Consensus for Multiagent Systems Via State Decomposition. IEEE Transactions on Control of Network Systems, 2023, 10, 1172-1183.	3.7	3
21	Data-Driven State Transition Algorithm for Fuzzy Chance-Constrained Dynamic Optimization. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 5322-5331.	11.3	2
22	Cooperative Fault-Tolerant Control for Networks of Stochastic Nonlinear Systems With Nondifferential Saturation Nonlinearity. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1362-1372.	9.3	59
23	On Exponential Stability of Delayed Discrete-Time Complex-Valued Inertial Neural Networks. IEEE Transactions on Cybernetics, 2022, 52, 3483-3494.	9.5	18
24	Output Tracking Control of Single-Input Multioutput Systems Over an Erasure Channel. IEEE Transactions on Cybernetics, 2022, 52, 2609-2617.	9.5	22
25	Global Stability of Bidirectional Associative Memory Neural Networks With Multiple Time-Varying Delays. IEEE Transactions on Cybernetics, 2022, 52, 4095-4104.	9.5	16
26	Distributed Nash Equilibrium Seeking Over Markovian Switching Communication Networks. IEEE Transactions on Cybernetics, 2022, 52, 5343-5355.	9.5	5
27	DisEHPPC: Enabling Heterogeneous Privacy-Preserving Consensus-Based Scheme for Economic Dispatch in Smart Grids. IEEE Transactions on Cybernetics, 2022, 52, 5124-5135.	9.5	16
28	Event-Triggered Exponential Stabilization for State-Based Switched Inertial Complex-Valued Neural Networks With Multiple Delays. IEEE Transactions on Cybernetics, 2022, 52, 4585-4595.	9.5	17
29	Pull-Based Event-Triggered Containment Control for Multiagent Systems With Active Leaders via Aperiodic Sampled-Data Transmission. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 214-225.	9.3	21
30	Observer-Based Consensus Protocol for Directed Switching Networks With a Leader of Nonzero Inputs. IEEE Transactions on Cybernetics, 2022, 52, 630-640.	9.5	30
31	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
32	Consensus of Lur'e Multi-Agent Systems With Directed Switching Topology. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 474-478.	3.0	12
33	A Novel Double-Stacked Autoencoder for Power Transformers DGA Signals With An Imbalanced Data Structure. IEEE Transactions on Industrial Electronics, 2022, 69, 1977-1987.	7.9	48
34	Intermittent Event-Triggered Exponential Stabilization for State-Dependent Switched Fuzzy Neural Networks With Mixed Delays. IEEE Transactions on Fuzzy Systems, 2022, 30, 3312-3321.	9.8	16
35	Distributed Primal-Dual Splitting Algorithm for Multiblock Separable Optimization Problems. IEEE Transactions on Automatic Control, 2022, 67, 4264-4271.	5.7	2
36	Improved Fixed-Time Stability Lemma of Discontinuous System and its Application. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 835-846.	5.4	11

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37	Fixed-Time Stability for Discontinuous Uncertain Inertial Neural Networks With Time-Varying Delays. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 4507-4517.	9.3	34
38	Fully Distributed Consensus Tracking of Stochastic Nonlinear Multiagent Systems With Markovian Switching Topologies via Intermittent Control. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 3200-3209.	9.3	11
39	Pattern Formation in a Reaction-Diffusion BAM Neural Network With Time Delay: $(k) T_j ETQq1 1 0.784314$ rgBT /Overlock 10 T Networks and Learning Systems, 2022, 33, 7266-7276.	11.3	11
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	Necessary and Sufficient Conditions of Formation-Containment Control of High-Order Multiagent Systems With Observer-Type Protocols. IEEE Transactions on Cybernetics, 2022, 52, 7002-7016.	9.5	16
42	Formation Control of Multiagent Networks: Cooperative and Antagonistic Interactions. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 2809-2818.	9.3	4
43	A Fixed-Time Projection Neural Network for Solving L -Minimization Problem. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 7818-7828.	11.3	23
44	Output Tracking Control Performance of Discrete Networked Systems Over Erasure Channel With Model Uncertainty. IEEE Transactions on Cybernetics, 2022, 52, 8818-8826.	9.5	10
45	Finite-Time Stabilization of Competitive Neural Networks With Time-Varying Delays. IEEE Transactions on Cybernetics, 2022, 52, 11325-11334.	9.5	19
46	Observer-Based Adaptive Synchronization of Multiagent Systems With Unknown Parameters Under Attacks. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 3109-3119.	11.3	13
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	Spatially Local Piecewise Fuzzy Control for Nonlinear Delayed DPSs With Random Packet Losses. IEEE Transactions on Fuzzy Systems, 2022, 30, 1447-1459.	9.8	9
49	Memristor-Based Edge Computing of Blaze Block for Image Recognition. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 2121-2131.	11.3	13
50	Generalized Nonconvex Approach for Low-Tubal-Rank Tensor Recovery. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 3305-3319.	11.3	21
51	Positivity and Stability Analysis of S Fuzzy Descriptor Systems With Bounded and Unbounded Time-Varying Delays. IEEE Transactions on Cybernetics, 2022, 52, 11649-11660.	9.5	9
52	Fully Distributed Consensus Control for Linear Multiagent Systems With Dynamic Double-Event-Triggered Mechanism. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 1262-1266.	3.0	6
53	Online Learning Algorithm for Distributed Convex Optimization With Time-Varying Coupled Constraints and Bandit Feedback. IEEE Transactions on Cybernetics, 2022, 52, 1009-1020.	9.5	27
54	Fully Distributed Adaptive NN-Based Consensus Protocol for Nonlinear MASs: An Attack-Free Approach. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 1561-1570.	11.3	17

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55	Distributed Stabilization of Heterogeneous MASs in Uncertain Strong-Weak Competition Networks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1755-1767.	9.3	18
56	An Adaptive Multi-Agent System With Duplex Control Laws for Distributed Resource Allocation. IEEE Transactions on Network Science and Engineering, 2022, 9, 389-400.	6.4	12
57	Improved sampled data fuzzy controller for nonlinear system: The event-triggered approach. Asian Journal of Control, 2022, 24, 2603-2616.	3.0	0
58	Distributed generalized Nash equilibrium seeking: A singular perturbation-based approach. Neurocomputing, 2022, 482, 278-286.	5.9	6
59	Fully Distributed Dual-Terminal Event-Triggered Bipartite Output Containment Control of Heterogeneous Systems Under Actuator Faults. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 5518-5531.	9.3	14
60	New Fixed-Time Stability Analysis of Delayed Discontinuous Systems via an Augmented Indefinite Lyapunov-Krasovskii Functional. IEEE Transactions on Cybernetics, 2022, 52, 13438-13447.	9.5	4
61	Distributed Prescribed-Time Consensus Observer for High-Order Integrator Multi-Agent Systems on Directed Graphs. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 2216-2220.	3.0	12
62	Passivity-Based Finite-Time Lag Consensus for Nonlinear Multi-Agent Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 3224-3228.	3.0	3
63	Distributed Optimization in Prescribed-Time: Theory and Experiment. IEEE Transactions on Network Science and Engineering, 2022, 9, 564-576.	6.4	17
64	Optimal Tracking Control of Networked Systems Subject to Model Uncertainty and Additive Colored Gaussian Noise. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 3209-3213.	3.0	3
65	Distributed Edge Event-Triggered Control of Nonlinear Fuzzy Multiagent Systems With Saturation Constraint Hybrid Impulsive Protocols. IEEE Transactions on Fuzzy Systems, 2022, 30, 4142-4151.	9.8	20
66	Stabilization Analysis for Linear Disturbed Event-Triggered Control System With Packet Losses. IEEE Transactions on Control of Network Systems, 2022, 9, 1339-1347.	3.7	3
67	Guest Editorial: Introduction to the Special Section on Efficient Network Design for Convergence of Deep Learning and Edge Computing. IEEE Transactions on Network Science and Engineering, 2022, 9, 109-110.	6.4	2
68	Neural Architecture Search With a Lightweight Transformer for Text-to-Image Synthesis. IEEE Transactions on Network Science and Engineering, 2022, 9, 1567-1576.	6.4	37
69	Decentralized Triple Proximal Splitting Algorithm With Uncoordinated Stepsizes for Nonsmooth Composite Optimization Problems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 6197-6210.	9.3	0
70	Nonlinear bilevel programming approach for decentralized supply chain using a hybrid state transition algorithm. Knowledge-Based Systems, 2022, 240, 108119.	7.1	14
71	Fixed-Time Stabilization of Delayed Discontinuous Fuzzy Neural Networks via Delayed Stability Conditions of Filippov Systems. IEEE Transactions on Fuzzy Systems, 2022, 30, 4348-4358.	9.8	5
72	Formation Control of Multi-Agent Systems With Constrained Mismatched Compasses. IEEE Transactions on Network Science and Engineering, 2022, 9, 2224-2236.	6.4	2

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73	PID Control for Output Synchronization of Multiple Output Coupled Complex Networks. IEEE Transactions on Network Science and Engineering, 2022, 9, 1553-1566.	6.4	24
74	Event-Triggered Synchronization of Multiple Discrete-Time Markovian Jump Memristor- Based Neural Networks With Mixed Mode-Dependent Delays. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 2095-2107.	5.4	15
75	Low-Rank High-Order Tensor Completion With Applications in Visual Data. IEEE Transactions on Image Processing, 2022, 31, 2433-2448.	9.8	35
76	Theoretical analysis of advanced intelligent computing in environmental research. Environmental Research Letters, 2022, 17, 040401.	5.2	0
77	Lag synchronization of coupled neural networks with multiple state couplings and multiple delayed state couplings. Neural Networks, 2022, 151, 143-155.	5.9	10
78	Zero-Hopf Bifurcation of a memristive synaptic Hopfield neural network with time delay. Neural Networks, 2022, 149, 146-156.	5.9	18
79	Resilient Penalty Function Method for Distributed Constrained Optimization under Byzantine Attack. Information Sciences, 2022, 596, 362-379.	6.9	15
80	Distributed k -winners-take-all via multiple neural networks with inertia. Neural Networks, 2022, 151, 385-397.	5.9	2
81	A Distributed Dynamical System for Optimal Resource Allocation Over State-Dependent Networks. IEEE Transactions on Network Science and Engineering, 2022, 9, 2940-2951.	6.4	14
82	Attack-Isolation-Based Resilient Control of Large-Scale Systems Against Collusive Attacks. IEEE Transactions on Network Science and Engineering, 2022, 9, 2857-2869.	6.4	3
83	Event-Triggered privacy-preserving average consensus for continuous-time multi-agent network systems. Journal of the Franklin Institute, 2022, 359, 4959-4975.	3.4	8
84	New Results on Finite/Fixed-Time Stabilization of Stochastic Second-Order Neutral-Type Neural Networks with Mixed Delays. Neural Processing Letters, 2022, 54, 5415-5437.	3.2	5
85	Distributed adaptive optimization-based formation tracking with double parameter projections for multi-agent systems. Journal of the Franklin Institute, 2022, 359, 5251-5271.	3.4	5
86	Sparse signal reconstruction via recurrent neural networks with hyperbolic tangent function. Neural Networks, 2022, 153, 1-12.	5.9	8
87	Output Synchronization for Coupled Neural Networks With Multiple Delayed Output Couplings. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 4394-4398.	3.0	2
88	Finite-Time Passivity and Synchronization of Complex Dynamical Networks With State and Derivative Coupling. IEEE Transactions on Cybernetics, 2021, 51, 3845-3857.	9.5	34
89	Convergence of Distributed Accelerated Algorithm Over Unbalanced Directed Networks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 5153-5164.	9.3	9
90	Rendezvous of Heterogeneous Multiagent Systems With Nonuniform Time-Varying Information Delays: An Adaptive Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 4848-4857.	9.3	12

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91	Distributed Consensus Tracking of Networked Agent Systems Under Denial-of-Service Attacks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6183-6196.	9.3	38
92	New Fixed-Time Stability Lemmas and Applications to the Discontinuous Fuzzy Inertial Neural Networks. IEEE Transactions on Fuzzy Systems, 2021, 29, 3711-3722.	9.8	93
93	Sampled-Data Fuzzy Control for Nonlinear Delayed Distributed Parameter Systems. IEEE Transactions on Fuzzy Systems, 2021, 29, 3054-3066.	9.8	29
94	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
95	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
96	Distributed Stabilization of Multiple Heterogeneous Agents in the Strong-Weak Competition Network: A Switched System Approach. IEEE Transactions on Cybernetics, 2021, 51, 5328-5341.	9.5	8
97	Distributed Event-Based Control for Thermostatically Controlled Loads Under Hybrid Cyber Attacks. IEEE Transactions on Cybernetics, 2021, 51, 5314-5327.	9.5	24
98	Multilabel Image Classification via Feature/Label Co-Projection. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 7250-7259.	9.3	52
99	A Nesterov-Like Gradient Tracking Algorithm for Distributed Optimization Over Directed Networks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6258-6270.	9.3	31
100	Finite-Time Output Synchronization and H_{∞} Output Synchronization of Coupled Neural Networks With Multiple Output Couplings. IEEE Transactions on Cybernetics, 2021, 51, 6041-6053.	9.5	35
101	Event-Triggered Stabilization for Takagi-Sugeno Fuzzy Complex-Valued Memristive Neural Networks With Mixed Time-Varying Delays. IEEE Transactions on Fuzzy Systems, 2021, 29, 1853-1863.	9.8	24
102	Bifurcation and Control for a Predator-Prey System With Two Delays. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 376-380.	3.0	24
103	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
104	Fully Distributed Anti-Windup Consensus Protocols for Linear MASs With Input Saturation: The Case With Directed Topology. IEEE Transactions on Cybernetics, 2021, 51, 2359-2371.	9.5	30
105	Privacy Masking Stochastic Subgradient-Push Algorithm for Distributed Online Optimization. IEEE Transactions on Cybernetics, 2021, 51, 3224-3237.	9.5	40
106	Event-Triggered Fuzzy Bipartite Tracking Control for Network Systems Based on Distributed Reduced-Order Observers. IEEE Transactions on Fuzzy Systems, 2021, 29, 1601-1614.	9.8	255
107	Distributed Constrained Optimization Over Unbalanced Directed Networks Using Asynchronous Broadcast-Based Algorithm. IEEE Transactions on Automatic Control, 2021, 66, 1102-1115.	5.7	29
108	State Estimation for Persistent Dwell-Time Switched Coupled Networks Subject to Round-Robin Protocol. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 2002-2014.	11.3	35

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109	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
110	Adaptive synchronization for fuzzy inertial complex-valued neural networks with state-dependent coefficients and mixed delays. Fuzzy Sets and Systems, 2021, 411, 174-189.	2.7	45
111	Multiobjective-Based Optimization and Control for Iron Removal Process Under Dynamic Environment. IEEE Transactions on Industrial Informatics, 2021, 17, 569-577.	11.3	14
112	Output Consensus of Multiagent Systems Based on PDEs With Input Constraint: A Boundary Control Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 370-377.	9.3	39
113	Distributed H_{∞} State Estimator Design for Time-Delay Periodic Systems Over Scheduling Sensor Networks. IEEE Transactions on Cybernetics, 2021, 51, 462-472.	9.5	31
114	Periodic Event-Triggered Suboptimal Control With Sampling Period and Performance Analysis. IEEE Transactions on Cybernetics, 2021, 51, 1253-1261.	9.5	29
115	Event-Triggered Consensus of General Linear Multiagent Systems With Data Sampling and Random Packet Losses. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 1313-1321.	9.3	42
116	Output Synchronization of Complex Dynamical Networks With Multiple Output or Output Derivative Couplings. IEEE Transactions on Cybernetics, 2021, 51, 927-937.	9.5	26
117	Hybrid Intelligence Assisted Sample Average Approximation Method for Chance Constrained Dynamic Optimization. IEEE Transactions on Industrial Informatics, 2021, 17, 6409-6418.	11.3	15
118	Neural-Network-Based Event-Triggered Adaptive Control of Nonaffine Nonlinear Multiagent Systems With Dynamic Uncertainties. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 2239-2250.	11.3	327
119	Impulsive disturbance on stability analysis of delayed quaternion-valued neural networks. Applied Mathematics and Computation, 2021, 390, 125680.	2.2	23
120	Impulse-based coupling synchronization of multiple discrete-time memristor-based neural networks with stochastic perturbations and mixed delays. Journal of the Franklin Institute, 2021, 358, 980-1001.	3.4	3
121	Positivity and Stability of Delayed Timescale-Type Differential-Difference Equations. IEEE Transactions on Automatic Control, 2021, 66, 3221-3226.	5.7	10
122	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
123	Memristor-Based Edge Computing of ShuffleNetV2 for Image Classification. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2021, 40, 1701-1710.	2.7	14
124	An Improved Result on Sampled-Data Synchronization of Markov Jump Delayed Neural Networks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 3608-3616.	9.3	47
125	Quasisynchronization of Discrete-Time Inertial Neural Networks With Parameter Mismatches and Delays. IEEE Transactions on Cybernetics, 2021, 51, 2290-2295.	9.5	14
126	Formation Control of Multiagent Systems With Communication Noise: A Convex Analysis Approach. IEEE Transactions on Cybernetics, 2021, 51, 2253-2264.	9.5	8

#	ARTICLE	IF	CITATIONS
127	Necessary and Sufficient Conditions for Group Consensus of Fractional Multiagent Systems Under Fixed and Switching Topologies via Pinning Control. IEEE Transactions on Cybernetics, 2021, 51, 28-39.	9.5	14
128	Quasi-Synchronization for Periodic Neural Networks With Asynchronous Target and Constrained Information. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 4379-4388.	9.3	26
129	Finite-Time and Fixed-Time Synchronization of Coupled Memristive Neural Networks With Time Delay. IEEE Transactions on Cybernetics, 2021, 51, 2944-2955.	9.5	59
130	End-to-End Detection-Segmentation System for Face Labeling. IEEE Transactions on Emerging Topics in Computational Intelligence, 2021, 5, 457-467.	4.9	48
131	Exponential Stabilization of Inertial Memristive Neural Networks With Multiple Time Delays. IEEE Transactions on Cybernetics, 2021, 51, 579-588.	9.5	52
132	Containment Control of Semi-Markovian Multiagent Systems With Switching Topologies. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 3889-3899.	9.3	160
133	Internally Positive Representation to Stability of Delayed Timescale-Type Differential- Difference Equation. IEEE Access, 2021, 9, 34660-34666.	4.2	4
134	Formation Control of Multi-Agent Systems With Orientation Noises. IEEE Transactions on Network Science and Engineering, 2021, 8, 305-317.	6.4	8
135	Output feedback leader-following consensus for nonlinear stochastic multiagent systems: The event-triggered method. Applied Mathematics and Computation, 2021, 395, 125879.	2.2	14
136	Time-Varying Formation Control of General Linear Multi-Agent Systems Under Markovian Switching Topologies and Communication Noises. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 1303-1307.	3.0	11
137	Stable and compact design of Memristive GoogLeNet Neural Network. Neurocomputing, 2021, 441, 52-63.	5.9	20
138	Functional deep echo state network improved by a bi-level optimization approach for multivariate time series classification. Applied Soft Computing Journal, 2021, 106, 107314.	7.2	19
139	Auto-FERNet: A Facial Expression Recognition Network With Architecture Search. IEEE Transactions on Network Science and Engineering, 2021, 8, 2213-2222.	6.4	41
140	Multistability and robustness of complex-valued neural networks with delays and input perturbation. Neurocomputing, 2021, 447, 319-328.	5.9	6
141	Hierarchical parameter optimization based support vector regression for power load forecasting. Sustainable Cities and Society, 2021, 71, 102937.	10.4	30
142	Multistability of delayed fractional-order competitive neural networks. Neural Networks, 2021, 140, 325-335.	5.9	34
143	Efficient design of multicolumn RBF networks. Neurocomputing, 2021, 450, 253-263.	5.9	5
144	Event-based passification of delayed memristive neural networks. Information Sciences, 2021, 569, 344-357.	6.9	3

#	ARTICLE	IF	CITATIONS
145	A continuous-time consensus algorithm using neurodynamic system for distributed time-varying optimization with inequality constraints. <i>Journal of the Franklin Institute</i> , 2021, 358, 6741-6758.	3.4	8
146	Positivity and stability of coupled differential–difference equations with time-varying delay on time scales. <i>Automatica</i> , 2021, 131, 109774.	5.0	6
147	control of stochastic networked control systems with time-varying delays: The event-triggered sampling case. <i>International Journal of Robust and Nonlinear Control</i> , 2021, 31, 9767-9781.	3.7	33
148	Decentralized Dual Proximal Gradient Algorithms for Non-Smooth Constrained Composite Optimization Problems. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2021, 32, 2594-2605.	5.6	13
149	Reliable impulsive synchronization for fuzzy neural networks with mixed controllers. <i>Neural Networks</i> , 2021, 143, 759-766.	5.9	13
150	A global neural network learning machine: Coupled integer and fractional calculus operator with an adaptive learning scheme. <i>Neural Networks</i> , 2021, 143, 386-399.	5.9	32
151	Distributed Prescribed-Time Interval Bipartite Consensus of Multi-Agent Systems on Directed Graphs: Theory and Experiment. <i>IEEE Transactions on Network Science and Engineering</i> , 2021, 8, 613-624.	6.4	41
152	Online distributed dual averaging algorithm for multi-agent bandit optimization over time-varying general directed networks. <i>Information Sciences</i> , 2021, 581, 678-693.	6.9	7
153	Editorial Special Issue for 50th Birthday of Memristor Theory and Application of Neuromorphic Computing Based on Memristor—Part I. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021, 68, 4417-4418.	5.4	5
154	Editorial Special Issue for 50th Birthday of Memristor Theory and Application of Neuromorphic Computing Based on Memristor - Part II. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021, 68, 4835-4836.	5.4	1
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