Zhigang Zeng

List of Publications by Year in Descending Order

382 papers	12,377 citations	59 h-index	92 g-index
421 ext. papers	15,480 ext. citations	5.9 avg, IF	7.69 L-index

#	Paper	IF	Citations
382	Generative Mixup Networks for Zero-Shot Learning.. *IEEE Transactions on Neural Networks and Learning Systems*, **2022**, PP,	10.3	1
381	Full-Circuit Implementation of Transformer Network Based on Memristor. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2022**, 1-13	3.9	5
380	A Self-Reproduction Hyperchaotic Map With Compound Lattice Dynamics. *IEEE Transactions on Industrial Electronics*, **2022**, 1-1	8.9	13
379	Finite-time stabilization of complex-valued neural networks with proportional delays and inertial terms: A non-separation approach.. *Neural Networks*, **2022**, 148, 86-95	9.1	2
378	Stability and Stabilization of Takagi-Sugeno Fuzzy Second-Fractional-Order Linear Networks via Nonreduced-Order Approach. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2022**, 1-10	7.3	1
377	Improving generality and accuracy of existing public development project selection methods: a study on GitHub ecosystem. *Automated Software Engineering*, **2022**, 29, 1	1.5	1
376	Geometric Renormalization Reveals the Self-Similarity of Weighted Networks. *IEEE Transactions on Computational Social Systems*, **2022**, 1-9	4.5	1
375	Editorial Special Issue for 50th Birthday of Memristor Theory and Application of Neuromorphic Computing Based on Memristor Part I. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2021**, 68, 4417-4418	3.9	
374	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	3.9	1
373	Generating Any Number of Diversified Hidden Attractors via Memristor Coupling. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2021**, 1-12	3.9	8
372	Model-Free Event-Triggered Consensus Algorithm for Multiagent Systems Using Reinforcement Learning Method. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 1-10	7.3	1
371	Event-Triggered Synchronization of Multiple Fractional-Order Recurrent Neural Networks With Time-Varying Delays. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, PP,	10.3	1
370	On Pinning Linear and Adaptive Synchronization of Multiple Fractional-Order Neural Networks With Unbounded Time-Varying Delays. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	1
369	Global Dissipativity and Quasi-Mittag-Leffler Synchronization of Fractional-Order Discontinuous Complex-Valued Neural Networks. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, PP,	10.3	3
368	Global Exponential Stability of Memristive Neural Networks With Mixed Time-Varying Delays. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, 32, 3690-3699	10.3	5
367	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	10.3	2
366	Effective Segmentation Approach for Solar Photovoltaic Panels in Uneven Illuminated Color Infrared Images. *IEEE Journal of Photovoltaics*, **2021**, 11, 478-484	3.7	5

365	Finite-time lag synchronization of inertial neural networks with mixed infinite time-varying delays and state-dependent switching. *Neurocomputing*, **2021**, 433, 50-58	5.4	5
364	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	3
363	A novel no-equilibrium HR neuron model with hidden homogeneous extreme multistability. *Chaos, Solitons and Fractals*, **2021**, 145, 110761	9.3	27
362	Stable and compact design of Memristive GoogLeNet Neural Network. *Neurocomputing*, **2021**, 441, 52-63	5.4	2
361	. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2021**, 68, 2082-2086	3.5	2
360	Synchronization of memristive neural networks with unknown parameters via event-triggered adaptive control. *Neural Networks*, **2021**, 139, 255-264	9.1	1
359	Fixed-time Synchronization of Coupled Memristive Complex-valued Neural Networks. *Chaos, Solitons and Fractals*, **2021**, 148, 110993	9.3	6
358	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	10.3	3
357	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	8.9	7
356	Multistability of Fractional-Order Neural Networks With Unbounded Time-Varying Delays. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, 32, 177-187	10.3	8
355	Research on cascading high-dimensional isomorphic chaotic maps. *Cognitive Neurodynamics*, **2021**, 15, 157-167	4.2	5
354	Periodic Event-Triggered Synchronization of Multiple Memristive Neural Networks With Switching Topologies and Parameter Mismatch. *IEEE Transactions on Cybernetics*, **2021**, 51, 427-437	10.2	17
353	Intermittent Stabilization of Fuzzy Competitive Neural Networks With Reaction Diffusions. *IEEE Transactions on Fuzzy Systems*, **2021**, 29, 2361-2372	8.3	10
352	Multiple ψ-Type Stability of Cohen-Grossberg Neural Networks With Unbounded Time-Varying Delays. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 51, 521-531	7.3	7
351	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	7.3	31
350	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	7.3	16
349	Memristive Quantized Neural Networks: A Novel Approach to Accelerate Deep Learning On-Chip. *IEEE Transactions on Cybernetics*, **2021**, 51, 1875-1887	10.2	13
348	Synchronization of Nonidentical Neural Networks With Unknown Parameters and Diffusion Effects via Robust Adaptive Control Techniques. *IEEE Transactions on Cybernetics*, **2021**, 51, 660-672	10.2	9

347	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	10.3	5
346	Finite-time stability of coupled impulsive neural networks with time-varying delays and saturating actuators. *Neurocomputing*, **2021**, 453, 590-598	5.4	3
345	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	9.1	11
344	Prescribed convergence analysis of recurrent neural networks with parameter variations. *Mathematics and Computers in Simulation*, **2021**, 182, 858-870	3.3	0
343	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	4	3
342	Positivity and Stability of Delayed Timescale-Type Differential-Difference Equations. *IEEE Transactions on Automatic Control*, **2021**, 66, 3221-3226	5.9	6
341	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	2.5	28
340	Anti-Synchronization of Delayed State-Based Switched Inertial Neural Networks. *IEEE Transactions on Cybernetics*, **2021**, 51, 2540-2549	10.2	4
339	Robust Stability of Recurrent Neural Networks With Time-Varying Delays and Input Perturbation. *IEEE Transactions on Cybernetics*, **2021**, 51, 3027-3038	10.2	3
338	Model-Independent Formation Tracking of Multiple Euler-Lagrange Systems via Bounded Inputs. *IEEE Transactions on Cybernetics*, **2021**, 51, 2813-2823	10.2	7
337	A Unified Framework Design for Finite-Time and Fixed-Time Synchronization of Discontinuous Neural Networks. *IEEE Transactions on Cybernetics*, **2021**, 51, 3004-3016	10.2	11
336	End-to-End Detection-Segmentation System for Face Labeling. *IEEE Transactions on Emerging Topics in Computational Intelligence*, **2021**, 5, 457-467	4.1	31
335	Exponential Stabilization of Inertial Memristive Neural Networks With Multiple Time Delays. *IEEE Transactions on Cybernetics*, **2021**, 51, 579-588	10.2	23
334	. *IEEE Transactions on Aerospace and Electronic Systems*, **2021**, 1-1	3.7	2
333	3D Shape Estimation With an Enhanced Sparse Representation Approach. *IEEE Signal Processing Letters*, **2021**, 28, 1685-1688	3.2	
332	Corn-Plant Counting Using Scare-Aware Feature and Channel Interdependence. *IEEE Geoscience and Remote Sensing Letters*, **2021**, 1-5	4.1	1
331	Synchronization of Timescale-Type Nonautonomous Neural Networks With Proportional Delays. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 1-7	7.3	1
330	Predictor-Based Periodic Event-Triggered Control for Dual-Rate Networked Control Systems With Disturbances. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	3

329	Generating Any Number of Initial Offset-boosted Coexisting Chua's Double-scroll Attractors via Piecewise-nonlinear Memristor. *IEEE Transactions on Industrial Electronics*, **2021**, 1-1	8.9	11
328	A Multi-functional Memristive Pavlov Associative Memory Circuit Based on Neural Mechanisms. *IEEE Transactions on Biomedical Circuits and Systems*, **2021**, 15, 978-993	5.1	3
327	Mean Square Stabilization of Neural Networks with Weighted Try once Discard Protocol and State Observer. *Neural Processing Letters*, **2021**, 53, 829-842	2.4	2
326	Leader-Follower Interactive Potential for Target Enclosing of Perception-Limited UAV Groups. *IEEE Systems Journal*, **2021**, 1-12	4.3	2
325	Semi-Supervised Low-Rank Semantics Grouping for Zero-Shot Learning. *IEEE Transactions on Image Processing*, **2021**, 30, 2207-2219	8.7	4
324	An Efficient Memristor-Based Circuit Implementation of Squeeze-and-Excitation Fully Convolutional Neural Networks. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, PP,	10.3	13
323	Decentralized Neurocontroller Design With Critic Learning for Nonlinear-Interconnected Systems. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	4
322	Impulsive Communication With Full and Partial Information for Adaptive Tracking Consensus of Uncertain Second-Order Multiagent Systems. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	3
321	Multistability of Dynamic Memristor Delayed Cellular Neural Networks With Application to Associative Memories. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, PP,	10.3	2
320	Multi-scroll hidden attractor in memristive HR neuron model under electromagnetic radiation and its applications. *Chaos*, **2021**, 31, 011101	3.3	31
319	An Overview of the Stability Analysis of Recurrent Neural Networks With Multiple Equilibria. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, PP,	10.3	5
318	State bounding for fuzzy memristive neural networks with bounded input disturbances. *Neural Networks*, **2021**, 134, 163-172	9.1	2
317	Quantization synchronization of chaotic neural networks with time delay under event-triggered strategy. *Cognitive Neurodynamics*, **2021**, 15, 897-914	4.2	3
316	Basic theorem and global exponential stability of differential-algebraic neural networks with delay. *Neural Networks*, **2021**, 140, 336-343	9.1	2
315	Multistability and robustness of complex-valued neural networks with delays and input perturbation. *Neurocomputing*, **2021**, 447, 319-328	5.4	1
314	Novel Inequalities to Global Mittag-Leffler Synchronization and Stability Analysis of Fractional-Order Quaternion-Valued Neural Networks. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, 32, 3700-3709	10.3	13
313	Multistability of delayed fractional-order competitive neural networks. *Neural Networks*, **2021**, 140, 325-335	9.1	12
312	Event-based passification of delayed memristive neural networks. *Information Sciences*, **2021**, 569, 344-357	7.7	1

311	Exponential quasi-synchronization of coupled delayed memristive neural networks via intermittent event-triggered control. *Neural Networks*, **2021**, 141, 98-106	9.1	8
310	Positivity and stability of coupled differential-difference equations with time-varying delay on time scales. *Automatica*, **2021**, 131, 109774	5.7	0
309	Multi-mode function synchronization of memristive neural networks with mixed delays and parameters mismatch via event-triggered control. *Information Sciences*, **2021**, 572, 147-166	7.7	1
308	Synchronization of recurrent neural networks with unbounded delays and time-varying coefficients via generalized differential inequalities. *Neural Networks*, **2021**, 143, 161-170	9.1	1
307	Stability and Synchronization of Nonautonomous Reaction-Diffusion Neural Networks With General Time-Varying Delays. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, PP,	10.3	1
306	Finite-Time Stabilization of Competitive Neural Networks With Time-Varying Delays. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	1
305	Exponential Stabilization of Fuzzy Memristive Neural Networks With Multiple Time Delays Via Intermittent Control. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 1-10	7.3	2
304	Global Exponential Stability of Impulsive Delayed Neural Networks on Time Scales Based on Convex Combination Method. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 1-10	7.3	0
303	Identification of Network Topology Variations Based on Spectral Entropy. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	4
302	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*, **2021**, PP,	10.3	4
301	Multiclass Classification of UML Diagrams from Images Using Deep Learning. *International Journal of Software Engineering and Knowledge Engineering*, **2021**, 31, 1683-1698	1	0
300	Initial offset boosting coexisting attractors in memristive multi-double-scroll Hopfield neural network. *Nonlinear Dynamics*, **2020**, 102, 2821-2841	5	54
299	Training memristor-based multilayer neuromorphic networks with SGD, momentum and adaptive learning rates. *Neural Networks*, **2020**, 128, 142-149	9.1	15
298	A simple no-equilibrium chaotic system with only one signum function for generating multidirectional variable hidden attractors and its hardware implementation. *Chaos*, **2020**, 30, 053129	3.3	38
297	Output-Feedback Global Consensus of Discrete-Time Multiagent Systems Subject to Input Saturation via Q-Learning Method. *IEEE Transactions on Cybernetics*, **2020**,	10.2	2
296	LMI-based criterion for global Mittag-Leffler lag quasi-synchronization of fractional-order memristor-based neural networks via linear feedback pinning control. *Neurocomputing*, **2020**, 412, 226-243	5.4	8
295	Memristive Fuzzy Deep Learning Systems. *IEEE Transactions on Fuzzy Systems*, **2020**, 1-1	8.3	2
294	Stabilization of memristive neural networks with mixed time-varying delays via continuous/periodic event-based control. *Journal of the Franklin Institute*, **2020**, 357, 7122-7138	4	11

293	Novel results on finite-time stabilization of state-based switched chaotic inertial neural networks with distributed delays. *Neural Networks*, **2020**, 129, 193-202	9.1	15
292	Second-Order Consensus of Hybrid Multiagent Systems. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 1-10	7.3	3
291	A novel amplitude control method for constructing nested hidden multi-butterfly and multiscroll chaotic attractors. *Chaos, Solitons and Fractals*, **2020**, 134, 109727	9.3	12
290	Quantized passification of delayed memristor-based neural networks via sliding model control. *Journal of the Franklin Institute*, **2020**, 357, 3741-3752	4	1
289	Global exponential stabilization and lag synchronization control of inertial neural networks with time delays. *Neural Networks*, **2020**, 126, 11-20	9.1	23
288	Event-based sliding-mode synchronization of delayed memristive neural networks via continuous/periodic sampling algorithm. *Applied Mathematics and Computation*, **2020**, 383, 125379	2.7	25
287	The Design of Memristive Circuit for Affective Multi-Associative Learning. *IEEE Transactions on Biomedical Circuits and Systems*, **2020**, 14, 173-185	5.1	14
286	Exponential Synchronization of Switched Neural Networks With Mixed Time-Varying Delays via Static/Dynamic Event-Triggering Rules. *IEEE Access*, **2020**, 8, 338-347	3.5	9
285	Synchronization of discrete-time recurrent neural networks with time-varying delays via quantized sliding mode control. *Applied Mathematics and Computation*, **2020**, 375, 125093	2.7	14
284	Global exponential anti-synchronization for delayed memristive neural networks via event-triggering method. *Neural Computing and Applications*, **2020**, 32, 13521-13535	4.8	0
283	Event-triggered distributed control for synchronization of multiple memristive neural networks under cyber-physical attacks. *Information Sciences*, **2020**, 518, 361-375	7.7	52
282	Event-Based Synchronization for Multiple Neural Networks With Time Delay and Switching Disconnected Topology. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	7
281	Asymptotic and Finite-Time Cluster Synchronization of Coupled Fractional-Order Neural Networks With Time Delay. *IEEE Transactions on Neural Networks and Learning Systems*, **2020**, 31, 4956-4967	10.3	28
280	Optimizing Synchronizability of Multilayer Networks Based on the Graph Comparison Method. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2020**, 67, 1740-1751	3.9	7
279	Multiple Mittag-Leffler Stability of Delayed Fractional-Order Cohen-Grossberg Neural Networks via Mixed Monotone Operator Pair. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	6
278	Designing pulse-coupled neural networks with spike-synchronization-dependent plasticity rule: image segmentation and memristor circuit application. *Neural Computing and Applications*, **2020**, 32, 13441-13452	4.8	7
277	A Robust Point Set Registration Approach With Multiple Effective Constraints. *IEEE Transactions on Industrial Electronics*, **2020**, 67, 10931-10941	8.9	3
276	Formation-containment control of multi-robot systems under a stochastic sampling mechanism. *Science China Technological Sciences*, **2020**, 63, 1025-1034	3.5	23

275	Novel methods to finite-time Mittag-Leffler synchronization problem of fractional-order quaternion-valued neural networks. *Information Sciences*, **2020**, 526, 221-244	7.7	42
274	Projective Synchroniztion of Neural Networks via Continuous/Periodic Event-Based Sampling Algorithms. *IEEE Transactions on Network Science and Engineering*, **2020**, 7, 2746-2754	4.9	8
273	Fixed-time synchronization of delayed Cohen-Grossberg neural networks based on a novel sliding mode. *Neural Networks*, **2020**, 128, 1-12	9.1	16
272	Exponential synchronization of memristive neural networks with time-varying delays via quantized sliding-mode control. *Neural Networks*, **2020**, 126, 163-169	9.1	11
271	Memristor-Based HTM Spatial Pooler With On-Device Learning for Pattern Recognition. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 1-15	7.3	8
270	Automatic Identification of Decisions from the Hibernate Developer Mailing List **2020**,		1
269	Global Ultimate Mittag-Leffler Lag Quasi-Synchronization of Delayed Fractional-Order Memristive Neural Networks with Switching Jumps Mismatch via Pinning Control **2020**,		1
268	Distributed optimisation based on multi-agent system for resource allocation with communication time-delay. *IET Control Theory and Applications*, **2020**, 14, 549-557	2.5	6
267	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	9.1	50
266	Adaptive tracking synchronization for coupled reaction-diffusion neural networks with parameter mismatches. *Neural Networks*, **2020**, 124, 146-157	9.1	10
265	A memristive dual-slope A/D converter. *International Journal of Circuit Theory and Applications*, **2020**, 48, 42-55	2	2
264	Quantized synchronization of memristive neural networks with time-varying delays via super-twisting algorithm. *Neurocomputing*, **2020**, 380, 133-140	5.4	22
263	Consensus of Second-Order Hybrid Multiagent Systems by Event-Triggered Strategy. *IEEE Transactions on Cybernetics*, **2020**, 50, 4648-4657	10.2	15
262	Global Stabilization of Fuzzy Memristor-Based Reaction-Diffusion Neural Networks. *IEEE Transactions on Cybernetics*, **2020**, 50, 4658-4669	10.2	19
261	Passivity and passification of memristive recurrent neural networks with multi-proportional delays and impulse. *Applied Mathematics and Computation*, **2020**, 369, 124838	2.7	13
260	Global exponential synchronization of delayed memristive neural networks with reaction-diffusion terms. *Neural Networks*, **2020**, 123, 70-81	9.1	51
259	On the Functional Equivalence of TSK Fuzzy Systems to Neural Networks, Mixture of Experts, CART, and Stacking Ensemble Regression. *IEEE Transactions on Fuzzy Systems*, **2020**, 28, 2570-2580	8.3	18
258	Memory analysis for memristors and memristive recurrent neural networks. *IEEE/CAA Journal of Automatica Sinica*, **2020**, 7, 96-105	7	24

257	Asymptotic Stability and Synchronization of Fractional-Order Neural Networks With Unbounded Time-Varying Delays. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 1-10	7.3	4
256	Revisiting Memristor Properties. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2020**, 30, 2050172	2	3
255	Global Stabilization of Memristive Neural Networks with Leakage and Time-Varying Delays Via Quantized Sliding-Mode Controller. *Neural Processing Letters*, **2020**, 52, 2451-2468	2.4	1
254	Design of In-Situ Learning Bidirectional Associative Memory Neural Network Circuit With Memristor Synapse. *IEEE Transactions on Emerging Topics in Computational Intelligence*, **2020**, 1-12	4.1	7
253	Memristor-based LSTM network with in situ training and its applications. *Neural Networks*, **2020**, 131, 300-311	9.1	12
252	On Exponential Stability of Delayed Discrete-Time Complex-Valued Inertial Neural Networks. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	8
251	Finite-time stabilization and energy consumption estimation for delayed neural networks with bounded activation function. *Neural Networks*, **2020**, 131, 163-171	9.1	5
250	Finite-time passivity of neural networks with time varying delay. *Journal of the Franklin Institute*, **2020**, 357, 2437-2456	4	7
249	Intralayer Synchronization of Multiplex Dynamical Networks via Pinning Impulsive Control. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	5
248	Landslide displacement interval prediction using lower upper bound estimation method with pre-trained random vector functional link network initialization. *Neural Networks*, **2020**, 130, 286-296	9.1	11
247	Second-Order Consensus for Multiagent Systems With Switched Dynamics. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	3
246	Model-Free Algorithms for Containment Control of Saturated Discrete-Time Multiagent Systems via Q-Learning Method. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 1-9	7.3	1
245	H∞ Control for Observer-Based Non-Negative Edge Consensus of Discrete-Time Networked Systems. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	1
244	Consensus of Continuous-Time Linear Multiagent Systems With Discrete Measurements. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	1
243	Global Stability of Bidirectional Associative Memory Neural Networks With Multiple Time-Varying Delays. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	10
242	Consensus-Based Distributed Reduced-Order Observer Design for LTI Systems. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	5
241	Projective Synchronization Analysis of Fractional-Order Neural Networks With Mixed Time Delays. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	5
240	Hidden Markov-Model-Based Control Design for Multilateral Teleoperation System With Asymmetric Time-Varying Delays. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 1-12	7.3	1

239	Finite-Time Stabilization and Energy Consumption Estimation for Delayed Nonlinear Systems. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 1-10	7.3	5
238	Memristor-Based Neural Network Circuit of Full-Function Pavlov Associative Memory With Time Delay and Variable Learning Rate. *IEEE Transactions on Cybernetics*, **2020**, 50, 2935-2945	10.2	49
237	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	7.3	27
236	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	7.3	14
235	Multidomain Features Fusion for Zero-Shot Learning. *IEEE Transactions on Emerging Topics in Computational Intelligence*, **2020**, 4, 764-773	4.1	
234	Quasi-synchronization of stochastic memristor-based neural networks with mixed delays and parameter mismatches. *Neural Computing and Applications*, **2020**, 32, 4615-4628	4.8	1
233	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	10.2	6
232	Controllability of Two-Time-Scale Discrete-Time Multiagent Systems. *IEEE Transactions on Cybernetics*, **2020**, 50, 1440-1449	10.2	34
231	New Criteria on Global Stabilization of Delayed Memristive Neural Networks With Inertial Item. *IEEE Transactions on Cybernetics*, **2020**, 50, 2770-2780	10.2	24
230	Semiglobal Observer-Based Non-Negative Edge Consensus of Networked Systems With Actuator Saturation. *IEEE Transactions on Cybernetics*, **2020**, 50, 2827-2836	10.2	26
229	Lagrange Stability and Finite-Time Stabilization of Fuzzy Memristive Neural Networks With Hybrid Time-Varying Delays. *IEEE Transactions on Cybernetics*, **2020**, 50, 2959-2970	10.2	41
228	Event-Triggered Synchronization Strategy for Multiple Neural Networks With Time Delay. *IEEE Transactions on Cybernetics*, **2020**, 50, 3271-3280	10.2	16
227	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	10.3	27
226	Second-Order Consensus for Multiagent Systems via Intermittent Sampled Position Data Control. *IEEE Transactions on Cybernetics*, **2020**, 50, 2063-2072	10.2	49
225	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	7.3	18
224	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	10.3	17
223	Sliding mode control of neural networks via continuous or periodic sampling event-triggering algorithm. *Neural Networks*, **2020**, 121, 140-147	9.1	42
222	Novel results on synchronization for a class of switched inertial neural networks with distributed delays. *Information Sciences*, **2020**, 511, 114-126	7.7	27

221	An Associative-Memory-Based Reconfigurable Memristive Neuromorphic System With Synchronous Weight Training. *IEEE Transactions on Cognitive and Developmental Systems*, **2020**, 12, 529-540	3	4
220	. *IEEE Transactions on Network Science and Engineering*, **2020**, 7, 1431-1440	4.9	36
219	Stabilization of Nonautonomous Recurrent Neural Networks With Bounded and Unbounded Delays on Time Scales. *IEEE Transactions on Cybernetics*, **2020**, 50, 4307-4317	10.2	10
218	Finite/fixed-time synchronization of delayed memristive reaction-diffusion neural networks. *Neurocomputing*, **2020**, 375, 1-8	5.4	19
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1	Memristor crossbar architectures for implementing deep neural networks. *Complex & Intelligent Systems*,1	7.1	4