Zhigang Zeng

List of Publications by Citations

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	Global Mittag-Leffler stability and synchronization of memristor-based fractional-order neural networks. *Neural Networks*, **2014**, 51, 1-8	9.1	380
381	Synchronization control of a class of memristor-based recurrent neural networks. *Information Sciences*, **2012**, 183, 106-116	7.7	291
380	Exponential stabilization of memristive neural networks with time delays. *IEEE Transactions on Neural Networks and Learning Systems*, **2012**, 23, 1919-29	10.3	225
379	Exponential Adaptive Lag Synchronization of Memristive Neural Networks via Fuzzy Method and Applications in Pseudorandom Number Generators. *IEEE Transactions on Fuzzy Systems*, **2014**, 22, 1704-1713	8.3	212
378	Event-Triggering Load Frequency Control for Multiarea Power Systems With Communication Delays. *IEEE Transactions on Industrial Electronics*, **2016**, 63, 1308-1317	8.9	204
377	Global exponential stability of a general class of recurrent neural networks with time-varying delays. *IEEE Transactions on Circuits and Systems Part 1: Regular Papers*, **2003**, 50, 1353-1358		201
376	Lag Synchronization of Switched Neural Networks via Neural Activation Function and Applications in Image Encryption. *IEEE Transactions on Neural Networks and Learning Systems*, **2015**, 26, 1493-502	10.3	194
375	Exponential stability analysis of memristor-based recurrent neural networks with time-varying delays. *Neurocomputing*, **2012**, 97, 233-240	5.4	162
374	Dynamic behaviors of memristor-based recurrent neural networks with time-varying delays. *Neural Networks*, **2012**, 36, 1-10	9.1	160
373	Global Mittag-Leffler Stabilization of Fractional-Order Memristive Neural Networks. *IEEE Transactions on Neural Networks and Learning Systems*, **2017**, 28, 206-217	10.3	157
372	Multistability of recurrent neural networks with time-varying delays and the piecewise linear activation function. *IEEE Transactions on Neural Networks*, **2010**, 21, 1371-7		152
371	Global exponential synchronization of memristor-based recurrent neural networks with time-varying delays. *Neural Networks*, **2013**, 48, 195-203	9.1	151
370	Fuzzy Control for Uncertain Vehicle Active Suspension Systems via Dynamic Sliding-Mode Approach. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2017**, 47, 24-32	7.3	146
369	Circuit design and exponential stabilization of memristive neural networks. *Neural Networks*, **2015**, 63, 48-56	9.1	145
368	Lagrange stability of memristive neural networks with discrete and distributed delays. *IEEE Transactions on Neural Networks and Learning Systems*, **2014**, 25, 690-703	10.3	142
367	A short-term power load forecasting model based on the generalized regression neural network with decreasing step fruit fly optimization algorithm. *Neurocomputing*, **2017**, 221, 24-31	5.4	141
366	Anti-synchronization control of a class of memristive recurrent neural networks. *Communications in Nonlinear Science and Numerical Simulation*, **2013**, 18, 373-385	3.7	141

365	Improved conditions for global exponential stability of recurrent neural networks with time-varying delays. *IEEE Transactions on Neural Networks*, **2006**, 17, 623-35		133
364	Hierarchical Type Stability Criteria for Delayed Neural Networks via Canonical Bessel-Legendre Inequalities. *IEEE Transactions on Cybernetics*, **2018**, 48, 1660-1671	10.2	131
363	Synchronization of Switched Neural Networks With Communication Delays via the Event-Triggered Control. *IEEE Transactions on Neural Networks and Learning Systems*, **2017**, 28, 2334-2343	10.3	129
362	Exponential synchronization of memristor-based recurrent neural networks with time delays. *Neurocomputing*, **2011**, 74, 3043-3050	5.4	126
361	. *IEEE Transactions on Fuzzy Systems*, **2016**, 24, 1048-1057	8.3	125
360	Multistability of neural networks with time-varying delays and concave-convex characteristics. *IEEE Transactions on Neural Networks and Learning Systems*, **2012**, 23, 293-305	10.3	125
359	Multiple Mittag-Leffler Stability of Fractional-Order Recurrent Neural Networks. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2017**, 47, 2279-2288	7.3	123
358	Design and analysis of high-capacity associative memories based on a class of discrete-time recurrent neural networks. *IEEE Transactions on Systems, Man, and Cybernetics*, **2008**, 38, 1525-36		110
357	New results on global exponential dissipativity analysis of memristive inertial neural networks with distributed time-varying delays. *Neural Networks*, **2018**, 97, 183-191	9.1	98
356	Global asymptotic stability and global exponential stability of neural networks with unbounded time-varying delays. *IEEE Transactions on Circuits and Systems Part 2: Express Briefs*, **2005**, 52, 168-173		97
355	Multiple neural networks switched prediction for landslide displacement. *Engineering Geology*, **2015**, 186, 91-99	6	91
354	Multistability of two kinds of recurrent neural networks with activation functions symmetrical about the origin on the phase plane. *IEEE Transactions on Neural Networks and Learning Systems*, **2013**, 24, 1749-62	10.3	90
353	Complete stability of cellular neural networks with time-varying delays. *IEEE Transactions on Circuits and Systems Part 1: Regular Papers*, **2006**, 53, 944-955		90
352	Global exponential stability of recurrent neural networks with time-varying delays in the presence of strong external stimuli. *Neural Networks*, **2006**, 19, 1528-37	9.1	90
351	Stability analysis of delayed cellular neural networks described using cloning templates. *IEEE Transactions on Circuits and Systems Part 1: Regular Papers*, **2004**, 51, 2313-2324		90
350	Adaptive synchronization of memristor-based Chua's circuits. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2012**, 376, 2775-2780	2.3	89
349	Impulsive Multisynchronization of Coupled Multistable Neural Networks With Time-Varying Delay. *IEEE Transactions on Neural Networks and Learning Systems*, **2017**, 28, 1560-1571	10.3	88
348	Multiperiodicity and Exponential Attractivity Evoked by Periodic External Inputs in Delayed Cellular Neural Networks. *Neural Computation*, **2006**, 18, 848-870	2.9	87

329	Deformation Prediction of Landslide Based on Improved Back-propagation Neural Network. *Cognitive Computation*, **2013**, 5, 56-62	4.4	64
328	Multiperiodicity of discrete-time delayed neural networks evoked by periodic external inputs. *IEEE Transactions on Neural Networks*, **2006**, 17, 1141-51		62
327	Synchronization of Reaction-Diffusion Neural Networks With Dirichlet Boundary Conditions and Infinite Delays. *IEEE Transactions on Cybernetics*, **2017**, 47, 3005-3017	10.2	61
326	Robust stability analysis of interval fuzzy Cohen-Grossberg neural networks with piecewise constant argument of generalized type. *Neural Networks*, **2012**, 33, 32-41	9.1	61
325	Positive invariant and global exponential attractive sets of neural networks with time-varying delays. *Neurocomputing*, **2008**, 71, 513-518	5.4	61
324	Memristor-Based Echo State Network With Online Least Mean Square. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2019**, 49, 1787-1796	7.3	60
323	General memristor with applications in multilayer neural networks. *Neural Networks*, **2018**, 103, 142-149	9.1	58
322	Adaptive Neural-Fuzzy Sliding-Mode Fault-Tolerant Control for Uncertain Nonlinear Systems. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2017**, 47, 2268-2278	7.3	57
321	Lagrange Stability for TS Fuzzy Memristive Neural Networks with Time-Varying Delays on Time Scales. *IEEE Transactions on Fuzzy Systems*, **2018**, 26, 1091-1103	8.3	57
320	Memristor-based circuit implementation of pulse-coupled neural network with dynamical threshold generators. *Neurocomputing*, **2018**, 284, 10-16	5.4	56
319	Robust Finite-Time Stabilization of Fractional-Order Neural Networks With Discontinuous and Continuous Activation Functions Under Uncertainty. *IEEE Transactions on Neural Networks and Learning Systems*, **2018**, 29, 1477-1490	10.3	56
318	Global Mittag-Leffler stabilization of fractional-order bidirectional associative memory neural networks. *Neurocomputing*, **2016**, 177, 489-496	5.4	56
317	Extreme learning machine for the displacement prediction of landslide under rainfall and reservoir level. *Stochastic Environmental Research and Risk Assessment*, **2014**, 28, 1957-1972	3.5	56
316	Passivity Analysis for Memristor-Based Inertial Neural Networks With Discrete and Distributed Delays. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2019**, 49, 375-385	7.3	56
315	Global Synchronization of Coupled Fractional-Order Recurrent Neural Networks. *IEEE Transactions on Neural Networks and Learning Systems*, **2019**, 30, 2358-2368	10.3	55
314	Initial offset boosting coexisting attractors in memristive multi-double-scroll Hopfield neural network. *Nonlinear Dynamics*, **2020**, 102, 2821-2841	5	54
313	Fuzzy modeling and synchronization of different memristor-based chaotic circuits. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2013**, 377, 2016-2021	2.3	54
312	Global stabilization analysis of inertial memristive recurrent neural networks with discrete and distributed delays. *Neural Networks*, **2018**, 105, 65-74	9.1	53

311	. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2016**, 63, 1454-1463	3.9	53
310	Global Asymptotic Stability and Adaptive Ultimate Mittag–Leffler Synchronization for a Fractional-Order Complex-Valued Memristive Neural Networks With Delays. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2019**, 49, 2519-2535	7.3	53
309	Dynamic behaviors of memristor-based delayed recurrent networks. *Neural Computing and Applications*, **2013**, 23, 815-821	4.8	53
308	Scale-Limited Lagrange Stability and Finite-Time Synchronization for Memristive Recurrent Neural Networks on Time Scales. *IEEE Transactions on Cybernetics*, **2017**, 47, 2984-2994	10.2	52
307	Event-triggered distributed control for synchronization of multiple memristive neural networks under cyber-physical attacks. *Information Sciences*, **2020**, 518, 361-375	7.7	52
306	Event-Based Synchronization Control for Memristive Neural Networks With Time-Varying Delay. *IEEE Transactions on Cybernetics*, **2019**, 49, 3268-3277	10.2	52
305	Global exponential stability in Lagrange sense for neutral type recurrent neural networks. *Neurocomputing*, **2011**, 74, 638-645	5.4	52
304	Global exponential synchronization of delayed memristive neural networks with reaction-diffusion terms. *Neural Networks*, **2020**, 123, 70-81	9.1	51
303	Sparse fully convolutional network for face labeling. *Neurocomputing*, **2019**, 331, 465-472	5.4	51
302	Associative memories based on continuous-time cellular neural networks designed using space-invariant cloning templates. *Neural Networks*, **2009**, 22, 651-7	9.1	50
301	Analysis and design of associative memories based on recurrent neural networks with linear saturation activation functions and time-varying delays. *Neural Computation*, **2007**, 19, 2149-82	2.9	50
300	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
299	Finite-time robust consensus of nonlinear disturbed multiagent systems via two-layer event-triggered control. *Information Sciences*, **2018**, 466, 270-283	7.7	49
298	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
297	Second-Order Consensus for Multiagent Systems via Intermittent Sampled Position Data Control. *IEEE Transactions on Cybernetics*, **2020**, 50, 2063-2072	10.2	49
296	Passivity and Passification of Fuzzy Memristive Inertial Neural Networks on Time Scales. *IEEE Transactions on Fuzzy Systems*, **2018**, 26, 3342-3355	8.3	48
295	Pixel-wise regression using U-Net and its application on pansharpening. *Neurocomputing*, **2018**, 312, 364-371	5.4	48
294	Global Synchronization of Fuzzy Memristive Neural Networks With Discrete and Distributed Delays. *IEEE Transactions on Fuzzy Systems*, **2020**, 28, 2022-2034	8.3	47

293	Exponential stability for a class of memristive neural networks with mixed time-varying delays. *Applied Mathematics and Computation*, **2018**, 321, 544-554	2.7	47
292	Global Exponential Stability and Synchronization for Discrete-Time Inertial Neural Networks With Time Delays: A Timescale Approach. *IEEE Transactions on Neural Networks and Learning Systems*, **2019**, 30, 1854-1866	10.3	46
291	Synchronization of Coupled Reaction-Diffusion Neural Networks With Directed Topology via an Adaptive Approach. *IEEE Transactions on Neural Networks and Learning Systems*, **2018**, 29, 1550-1561	10.3	45
290	On the periodic dynamics of memristor-based neural networks with time-varying delays. *Information Sciences*, **2014**, 279, 358-373	7.7	45
289	Event-triggered impulsive control on quasi-synchronization of memristive neural networks with time-varying delays. *Neural Networks*, **2019**, 110, 55-65	9.1	45
288	Stabilization of Fuzzy Memristive Neural Networks With Mixed Time Delays. *IEEE Transactions on Fuzzy Systems*, **2018**, 26, 2591-2606	8.3	44
287	Multistability of periodic delayed recurrent neural network with memristors. *Neural Computing and Applications*, **2013**, 23, 1963-1967	4.8	44
286	Multistability analysis of a general class of recurrent neural networks with non-monotonic activation functions and time-varying delays. *Neural Networks*, **2016**, 79, 117-27	9.1	44
285	Exponential Stabilization of Fuzzy Memristive Neural Networks With Hybrid Unbounded Time-Varying Delays. *IEEE Transactions on Neural Networks and Learning Systems*, **2019**, 30, 739-750	10.3	43
284	Sliding-Mode Control of Memristive Chua's Systems via the Event-Based Method. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2017**, 64, 81-85	3.5	42
283	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
282	Sliding mode control of neural networks via continuous or periodic sampling event-triggering algorithm. *Neural Networks*, **2020**, 121, 140-147	9.1	42
281	Memristive Fully Convolutional Network: An Accurate Hardware Image-Segmentor in Deep Learning. *IEEE Transactions on Emerging Topics in Computational Intelligence*, **2018**, 2, 324-334	4.1	42
280	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
279	Memristive LSTM Network for Sentiment Analysis. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2019**, 1-11	7.3	40
278	Landslide Displacement Prediction With Uncertainty Based on Neural Networks With Random Hidden Weights. *IEEE Transactions on Neural Networks and Learning Systems*, **2016**, 27, 2683-2695	10.3	40
277	Passivity analysis of memristive neural networks with different memductance functions. *Communications in Nonlinear Science and Numerical Simulation*, **2014**, 19, 274-285	3.7	40
276	Observer-based H∞ control of discrete time-delay systems with random communication packet losses and multiplicative noises. *Applied Mathematics and Computation*, **2013**, 219, 6484-6493	2.7	40

275	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
274	Passivity and passification of memristive neural networks with leakage term and time-varying delays. *Applied Mathematics and Computation*, **2019**, 361, 294-310	2.7	37
273	Lagrange stability of neural networks with memristive synapses and multiple delays. *Information Sciences*, **2014**, 280, 135-151	7.7	37
272	Synchronization control of stochastic memristor-based neural networks with mixed delays. *Neurocomputing*, **2015**, 156, 121-128	5.4	37
271	Stability analysis for uncertain switched neural networks with time-varying delay. *Neural Networks*, **2016**, 83, 32-41	9.1	37
270	. *IEEE Transactions on Network Science and Engineering*, **2020**, 7, 1431-1440	4.9	36
269	Controllability of Two-Time-Scale Discrete-Time Multiagent Systems. *IEEE Transactions on Cybernetics*, **2020**, 50, 1440-1449	10.2	34
268	New Criteria of Passivity Analysis for Fuzzy Time-Delay Systems With Parameter Uncertainties. *IEEE Transactions on Fuzzy Systems*, **2015**, 23, 2284-2301	8.3	33
267	Impulsive synchronization of stochastic reaction-diffusion neural networks with mixed time delays. *Neural Networks*, **2018**, 103, 83-93	9.1	33
266	GST-memristor-based online learning neural networks. *Neurocomputing*, **2018**, 272, 677-682	5.4	33
265	Multi-Label Image Classification by Feature Attention Network. *IEEE Access*, **2019**, 7, 98005-98013	3.5	33
264	Finite-time stabilization of memristor-based inertial neural networks with discontinuous activations and distributed delays. *Journal of the Franklin Institute*, **2019**, 356, 3628-3643	4	33
263	Almost periodic solutions for a memristor-based neural networks with leakage, time-varying and distributed delays. *Neural Networks*, **2015**, 68, 34-45	9.1	32
262	Design of memristor-based image convolution calculation in convolutional neural network. *Neural Computing and Applications*, **2018**, 30, 503-508	4.8	32
261	Output Convergence of Fuzzy Neurodynamic System With Piecewise Constant Argument of Generalized Type and Time-Varying Input. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2016**, 46, 1689-1702	7.3	32
260	Training enhanced reservoir computing predictor for landslide displacement. *Engineering Geology*, **2015**, 188, 101-109	6	31
259	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
258	End-to-End Detection-Segmentation System for Face Labeling. *IEEE Transactions on Emerging Topics in Computational Intelligence*, **2021**, 5, 457-467	4.1	31

257	Multi-scroll hidden attractor in memristive HR neuron model under electromagnetic radiation and its applications. *Chaos*, **2021**, 31, 011101	3.3	31
256	Landslide Deformation Prediction Based on Recurrent Neural Network. *Neural Processing Letters*, **2015**, 41, 169-178	2.4	30
255	Event-Based Time-Interval Pinning Control for Complex Networks on Time Scales and Applications. *IEEE Transactions on Industrial Electronics*, **2018**, 65, 8797-8808	8.9	30
254	Containment Control for Multiagent Systems Under Two Intermittent Control Schemes. *IEEE Transactions on Automatic Control*, **2019**, 64, 1236-1243	5.9	30
253	Complete stability of delayed recurrent neural networks with Gaussian activation functions. *Neural Networks*, **2017**, 85, 21-32	9.1	30
252	Robust H output tracking control for fuzzy networked systems with stochastic sampling and multiplicative noise. *Nonlinear Dynamics*, **2012**, 70, 1061-1077	5	30
251	Multistability and instability analysis of recurrent neural networks with time-varying delays. *Neural Networks*, **2018**, 97, 116-126	9.1	29
250	Synchronization of Multiple Reaction-Diffusion Neural Networks With Heterogeneous and Unbounded Time-Varying Delays. *IEEE Transactions on Cybernetics*, **2019**, 49, 2980-2991	10.2	29
249	On the periodic dynamics of memristor-based neural networks with leakage and time-varying delays. *Neurocomputing*, **2017**, 219, 163-173	5.4	29
248	Global Stability of a General Class of Discrete-Time Recurrent Neural Networks. *Neural Processing Letters*, **2005**, 22, 33-47	2.4	29
247	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
246	A full-function Pavlov associative memory implementation with memristance changing circuit. *Neurocomputing*, **2018**, 272, 513-519	5.4	28
245	Multistability of Recurrent Neural Networks With Nonmonotonic Activation Functions and Unbounded Time-Varying Delays. *IEEE Transactions on Neural Networks and Learning Systems*, **2018**, 29, 3000-3010	10.3	28
244	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
243	Passivity and robust passivity of stochastic reaction diffusion neural networks with time-varying delays. *Journal of the Franklin Institute*, **2017**, 354, 3995-4012	4	27
242	New results on passivity of fractional-order uncertain neural networks. *Neurocomputing*, **2019**, 351, 51-59	5.4	27
241	Constructing prediction intervals for landslide displacement using bootstrapping random vector functional link networks selective ensemble with neural networks switched. *Neurocomputing*, **2018**, 291, 1-10	5.4	27
240	O(t)-synchronization and Mittag-Leffler synchronization for the fractional-order memristive neural networks with delays and discontinuous neuron activations. *Neural Networks*, **2018**, 100, 10-24	9.1	27

239	Pattern memory analysis based on stability theory of cellular neural networks. *Applied Mathematical Modelling*, **2008**, 32, 112-121	4.5	27
238	A novel no-equilibrium HR neuron model with hidden homogeneous extreme multistability. *Chaos, Solitons and Fractals*, **2021**, 145, 110761	9.3	27
237	Stability and Robust Stability of Stochastic ReactionDiffusion Neural Networks With Infinite Discrete and Distributed Delays. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 50, 1721-1732	7.3	27
236	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
235	Novel results on synchronization for a class of switched inertial neural networks with distributed delays. *Information Sciences*, **2020**, 511, 114-126	7.7	27
234	Global exponential almost periodicity of a delayed memristor-based neural networks. *Neural Networks*, **2014**, 60, 33-43	9.1	26
233	A Flux-Controlled Logarithmic Memristor Model and Emulator. *Circuits, Systems, and Signal Processing*, **2019**, 38, 1452-1465	2.2	26
232	Distributed Adaptive Tracking Synchronization for Coupled Reaction-Diffusion Neural Network. *IEEE Transactions on Neural Networks and Learning Systems*, **2019**, 30, 1462-1475	10.3	26
231	Semiglobal Observer-Based Non-Negative Edge Consensus of Networked Systems With Actuator Saturation. *IEEE Transactions on Cybernetics*, **2020**, 50, 2827-2836	10.2	26
230	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
229	Memory analysis for memristors and memristive recurrent neural networks. *IEEE/CAA Journal of Automatica Sinica*, **2020**, 7, 96-105	7	24
228	New Criteria on Global Stabilization of Delayed Memristive Neural Networks With Inertial Item. *IEEE Transactions on Cybernetics*, **2020**, 50, 2770-2780	10.2	24
227	Global exponential stabilization and lag synchronization control of inertial neural networks with time delays. *Neural Networks*, **2020**, 126, 11-20	9.1	23
226	Formation-containment control of multi-robot systems under a stochastic sampling mechanism. *Science China Technological Sciences*, **2020**, 63, 1025-1034	3.5	23
225	Prediction Intervals for Landslide Displacement Based on Switched Neural Networks. *IEEE Transactions on Reliability*, **2016**, 65, 1483-1495	4.6	23
224	Global asymptotical stability analysis for a kind of discrete-time recurrent neural network with discontinuous activation functions. *Neurocomputing*, **2016**, 193, 242-249	5.4	23
223	Dynamic analysis of memristive neural system with unbounded time-varying delays. *Journal of the Franklin Institute*, **2014**, 351, 3032-3041	4	23
222	Noise cancellation of memristive neural networks. *Neural Networks*, **2014**, 60, 74-83	9.1	23

221	Exponential Stabilization of Inertial Memristive Neural Networks With Multiple Time Delays. *IEEE Transactions on Cybernetics*, **2021**, 51, 579-588	10.2	23
220	Quantized synchronization of memristive neural networks with time-varying delays via super-twisting algorithm. *Neurocomputing*, **2020**, 380, 133-140	5.4	22
219	New results on anti-synchronization of switched neural networks with time-varying delays and lag signals. *Neural Networks*, **2016**, 81, 52-8	9.1	22
218	Multistability of recurrent neural networks with time-varying delays and nonincreasing activation function. *Neurocomputing*, **2016**, 216, 135-142	5.4	22
217	Global Uniform Asymptotic Fixed Deviation Stability and Stability for Delayed Fractional-order Memristive Neural Networks with Generic Memductance. *Neural Networks*, **2018**, 98, 65-75	9.1	22
216	Synchronization of stochastic reaction-diffusion neural networks with Dirichlet boundary conditions and unbounded delays. *Neural Networks*, **2017**, 93, 89-98	9.1	21
215	A novel echo state network for multivariate and nonlinear time series prediction. *Applied Soft Computing Journal*, **2018**, 62, 524-535	7.5	21
214	Multistability of discrete-time delayed Cohen Grossberg neural networks with second-order synaptic connectivity. *Neurocomputing*, **2015**, 164, 252-261	5.4	20
213	. *IEEE Transactions on Fuzzy Systems*, **2019**, 27, 2067-2078	8.3	20
212	Associative Learning of Integrate-and-Fire Neurons with Memristor-Based Synapses. *Neural Processing Letters*, **2013**, 38, 69-80	2.4	19
211	Observer-based H control of a class of mixed delay systems with random data losses and stochastic nonlinearities. *ISA Transactions*, **2013**, 52, 207-14	5.5	19
210	Global Stabilization of Fuzzy Memristor-Based Reaction-Diffusion Neural Networks. *IEEE Transactions on Cybernetics*, **2020**, 50, 4658-4669	10.2	19
209	Finite/fixed-time synchronization of delayed memristive reaction-diffusion neural networks. *Neurocomputing*, **2020**, 375, 1-8	5.4	19
208	Region stability analysis and tracking control of memristive recurrent neural network. *Neural Networks*, **2018**, 98, 51-58	9.1	19
207	Multiple Type Stability of Cohen-Grossberg Neural Networks With Both Time-Varying Discrete Delays and Distributed Delays. *IEEE Transactions on Neural Networks and Learning Systems*, **2019**, 30, 566-579	10.3	18
206	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
205	Multiple Type Stability and Its Robustness for Recurrent Neural Networks With Time-Varying Delays. *IEEE Transactions on Cybernetics*, **2019**, 49, 1803-1815	10.2	18
204	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

203	Multistability of Delayed Recurrent Neural Networks with Mexican Hat Activation Functions. *Neural Computation*, **2017**, 29, 423-457	2.9	17
202	Improved conditions for global exponential stability of a general class of memristive neural networks. *Communications in Nonlinear Science and Numerical Simulation*, **2015**, 20, 975-985	3.7	17
201	Input-to-State Stability of Memristive Neural System with Time Delays. *Circuits, Systems, and Signal Processing*, **2014**, 33, 681-698	2.2	17
200	An improved criterion for stability and attractability of memristive neural networks with time-varying delays. *Neurocomputing*, **2014**, 145, 316-323	5.4	17
199	Robust probabilistic sampling H∞ output tracking control for a class of nonlinear networked systems with multiplicative noises. *Journal of the Franklin Institute*, **2013**, 350, 1093-1111	4	17
198	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
197	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
196	Region stability analysis for switched discrete-time recurrent neural network with multiple equilibria. *Neurocomputing*, **2017**, 249, 182-190	5.4	16
195	Quasi-Synchronization of Delayed Memristive Neural Networks via a Hybrid Impulsive Control. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2019**, 1-12	7.3	16
194	Fixed-time synchronization of delayed Cohen-Grossberg neural networks based on a novel sliding mode. *Neural Networks*, **2020**, 128, 1-12	9.1	16
193	Memristor-Based Circuit Implementations of Recognition Network and Recall Network With Forgetting Stages. *IEEE Transactions on Cognitive and Developmental Systems*, **2018**, 10, 1133-1142	3	16
192	Generating probabilistic predictions using mean-variance estimation and echo state network. *Neurocomputing*, **2017**, 219, 536-547	5.4	16
191	Event-Triggered Synchronization Strategy for Multiple Neural Networks With Time Delay. *IEEE Transactions on Cybernetics*, **2020**, 50, 3271-3280	10.2	16
190	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
189	Constructing multi-butterfly attractors based on Sprott C system via non-autonomous approaches. *Chaos*, **2019**, 29, 043112	3.3	15
188	Training memristor-based multilayer neuromorphic networks with SGD, momentum and adaptive learning rates. *Neural Networks*, **2020**, 128, 142-149	9.1	15
187	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
186	A Versatile Pulse Control Method to Generate Arbitrary Multidirection Multibutterfly Chaotic Attractors. *IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems*, **2019**, 38, 1480-1492	2.5	15

185	Observer-based synchronization of memristive systems with multiple networked input and output delays. *Nonlinear Dynamics*, **2014**, 78, 541-554	5	15
184	New global exponential stability results for a memristive neural system with time-varying delays. *Neurocomputing*, **2014**, 144, 553-559	5.4	15
183	Reliable H Filter design for a class of mixed-delay Markovian jump systems with stochastic nonlinearities and multiplicative noises via delay-partitioning method. *International Journal of Control, Automation and Systems*, **2012**, 10, 711-720	2.9	15
182	Consensus of Second-Order Hybrid Multiagent Systems by Event-Triggered Strategy. *IEEE Transactions on Cybernetics*, **2020**, 50, 4648-4657	10.2	15
181	A Compact Memristor-CMOS Hybrid Look-Up-Table Design and Potential Application in FPGA. *IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems*, **2017**, 36, 2144-2148	2.5	14
180	Asynchronous event-based sampling data for impulsive protocol on consensus of non-linear multi-agent systems. *Neural Networks*, **2019**, 115, 90-99	9.1	14
179	The Design of Memristive Circuit for Affective Multi-Associative Learning. *IEEE Transactions on Biomedical Circuits and Systems*, **2020**, 14, 173-185	5.1	14
178	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
177	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
176	Exponential consensus of discrete-time non-linear multi-agent systems via relative state-dependent impulsive protocols. *Neural Networks*, **2018**, 108, 192-201	9.1	14
175	Synchronization of complex dynamical network with piecewise constant argument of generalized type. *Neurocomputing*, **2016**, 173, 671-675	5.4	13
174	Novel Nonlinear Function Shift Method for Generating Multiscroll Attractors Using Memristor-Based Control Circuit. *IEEE Transactions on Very Large Scale Integration (VLSI) Systems*, **2019**, 1-12	2.6	13
173	Effects of Subsystem and Coupling on Synchronization of Multiple Neural Networks With Delays via Impulsive Coupling. *IEEE Transactions on Neural Networks and Learning Systems*, **2019**, 30, 3748-3758	10.3	13
172	A memristor-based neural network circuit with synchronous weight adjustment. *Neurocomputing*, **2019**, 363, 114-124	5.4	13
171	A Self-Reproduction Hyperchaotic Map With Compound Lattice Dynamics. *IEEE Transactions on Industrial Electronics*, **2022**, 1-1	8.9	13
170	Passivity and passification of memristive recurrent neural networks with multi-proportional delays and impulse. *Applied Mathematics and Computation*, **2020**, 369, 124838	2.7	13
169	Memristive Quantized Neural Networks: A Novel Approach to Accelerate Deep Learning On-Chip. *IEEE Transactions on Cybernetics*, **2021**, 51, 1875-1887	10.2	13
168	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

167	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
166	Global mean square exponential stability of stochastic neural networks with retarded and advanced argument. *Neurocomputing*, **2017**, 247, 156-164	5.4	12
165	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
164	New criteria for exponential stability of delayed recurrent neural networks. *Neurocomputing*, **2014**, 134, 182-188	5.4	12
163	Analysis and design of winner-take-all behavior based on a novel memristive neural network. *Neural Computing and Applications*, **2014**, 24, 1595-1600	4.8	12
162	Memristor-based LSTM network with in situ training and its applications. *Neural Networks*, **2020**, 131, 300-311	9.1	12
161	Multistability of delayed fractional-order competitive neural networks. *Neural Networks*, **2021**, 140, 325-335	9.1	12
160	Pigeon-inspired optimization and extreme learning machine via wavelet packet analysis for predicting bulk commodity futures prices. *Science China Information Sciences*, **2019**, 62, 1	3.4	11
159	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
158	Exponential synchronization of memristive neural networks with time-varying delays via quantized sliding-mode control. *Neural Networks*, **2020**, 126, 163-169	9.1	11
157	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
156	Automatic Segmentation of Human Placenta Images With U-Net. *IEEE Access*, **2019**, 7, 180083-180092	3.5	11
155	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
154	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
153	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
152	A Novel Design for Memristor-Based Multiplexer Via NOT-Material Implication. *IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems*, **2018**, 37, 1436-1444	2.5	10
151	Implementation of memristive neural networks with spike-rate-dependent plasticity synapses **2014**,		10
150	Adaptive tracking synchronization for coupled reaction-diffusion neural networks with parameter mismatches. *Neural Networks*, **2020**, 124, 146-157	9.1	10

149	Global Stability of Bidirectional Associative Memory Neural Networks With Multiple Time-Varying Delays. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	10
148	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
147	Intermittent Stabilization of Fuzzy Competitive Neural Networks With Reaction Diffusions. *IEEE Transactions on Fuzzy Systems*, **2021**, 29, 2361-2372	8.3	10
146	Razumikhin-type theorems on pth moment boundedness of neutral stochastic functional differential equations with Makovian switching. *Journal of the Franklin Institute*, **2018**, 355, 8296-8312	4	10
145	Synchronization regions of discrete-time dynamical networks with impulsive couplings. *Information Sciences*, **2018**, 459, 265-277	7.7	10
144	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
143	A Compact Scheme of Reading and Writing for Memristor-Based Multivalued Memory. *IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems*, **2018**, 37, 1505-1509	2.5	9
142	Global exponential convergence of periodic neural networks with time-varying delays. *Neurocomputing*, **2012**, 78, 149-154	5.4	9
141	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
140	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
139	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
138	Passivity analysis of delayed neural networks with discontinuous activations via differential inclusions. *Nonlinear Dynamics*, **2013**, 74, 213-225	5	8
137	A domain attraction criterion for interval fuzzy neural networks. *Computers and Mathematics With Applications*, **2009**, 58, 508-513	2.7	8
136	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
135	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
134	On Exponential Stability of Delayed Discrete-Time Complex-Valued Inertial Neural Networks. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	8
133	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
132	Memristor-Based Circuit Design for Neuron With Homeostatic Plasticity. *IEEE Transactions on Emerging Topics in Computational Intelligence*, **2018**, 2, 359-370	4.1	8

131	Passivity analysis of coupled neural networks with reaction-diffusion terms and mixed delays. *Journal of the Franklin Institute*, **2018**, 355, 8915-8933	4	8
130	Exponential quasi-synchronization of coupled delayed memristive neural networks via intermittent event-triggered control. *Neural Networks*, **2021**, 141, 98-106	9.1	8
129	Event-Based Synchronization for Multiple Neural Networks With Time Delay and Switching Disconnected Topology. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	7
128	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
127	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
126	Robust Exponential Stabilization of Uncertain Complex Switched Networks with Time-Varying Delays. *Circuits, Systems, and Signal Processing*, **2014**, 33, 1135-1151	2.2	7
125	Global robust stability of uncertain delayed neural networks with discontinuous neuron activation. *Neural Computing and Applications*, **2014**, 24, 1191-1198	4.8	7
124	Synthesis of 2-amide-3-carboxylate-4-aryl-4H-chromene derivatives. *Research on Chemical Intermediates*, **2012**, 38, 1751-1760	2.8	7
123	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
122	Finite-time passivity of neural networks with time varying delay. *Journal of the Franklin Institute*, **2020**, 357, 2437-2456	4	7
121	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
120	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
119	Model-Independent Formation Tracking of Multiple Euler-Lagrange Systems via Bounded Inputs. *IEEE Transactions on Cybernetics*, **2021**, 51, 2813-2823	10.2	7
118	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
117	Recurrent neural network for combined economic and emission dispatch. *Applied Intelligence*, **2018**, 48, 2180-2198	4.9	6
116	Asymptotic stability analysis on nonlinear systems with leakage delay. *Journal of the Franklin Institute*, **2016**, 353, 757-779	4	6
115	Robust Passivity and Passification for a Class of Singularly Perturbed Nonlinear Systems with Time-Varying Delays and Polytopic Uncertainties via Neural Networks. *Circuits, Systems, and Signal Processing*, **2013**, 32, 1113-1127	2.2	6
114	Dissipativity Analysis and Stabilization for Stochastic Systems with Repeated Scalar Nonlinearities and Applications. *Circuits, Systems, and Signal Processing*, **2012**, 31, 2019-2033	2.2	6

113	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
112	Fixed-time Synchronization of Coupled Memristive Complex-valued Neural Networks. *Chaos, Solitons and Fractals*, **2021**, 148, 110993	9.3	6
111	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
110	Positivity and Stability of Delayed Timescale-Type Differential-Difference Equations. *IEEE Transactions on Automatic Control*, **2021**, 66, 3221-3226	5.9	6
109	Passivity Analysis of Delayed Neural Networks with Discontinuous Activations. *Neural Processing Letters*, **2015**, 42, 215-232	2.4	5
108	Full-Circuit Implementation of Transformer Network Based on Memristor. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2022**, 1-13	3.9	5
107	Finite-time stabilization and energy consumption estimation for delayed neural networks with bounded activation function. *Neural Networks*, **2020**, 131, 163-171	9.1	5
106	Intralayer Synchronization of Multiplex Dynamical Networks via Pinning Impulsive Control. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	5
105	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
104	Consensus-Based Distributed Reduced-Order Observer Design for LTI Systems. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	5
103	Projective Synchronization Analysis of Fractional-Order Neural Networks With Mixed Time Delays. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	5
102	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
101	Effective Segmentation Approach for Solar Photovoltaic Panels in Uneven Illuminated Color Infrared Images. *IEEE Journal of Photovoltaics*, **2021**, 11, 478-484	3.7	5
100	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
99	Research on cascading high-dimensional isomorphic chaotic maps. *Cognitive Neurodynamics*, **2021**, 15, 157-167	4.2	5
98	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
97	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
96	Generate adversarial examples by spatially perturbing on the meaningful area. *Pattern Recognition Letters*, **2019**, 125, 632-638	4.7	4

95	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
94	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
93	Anti-Synchronization of Delayed State-Based Switched Inertial Neural Networks. *IEEE Transactions on Cybernetics*, **2021**, 51, 2540-2549	10.2	4
92	Semi-Supervised Low-Rank Semantics Grouping for Zero-Shot Learning. *IEEE Transactions on Image Processing*, **2021**, 30, 2207-2219	8.7	4
91	Decentralized Neurocontroller Design With Critic Learning for Nonlinear-Interconnected Systems. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	4
90	Asynchronous Impulsive Protocols With Asymmetric Feedback Saturation on Leader-Based Formation Control of Multiagent Systems. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	4
89	Memristor crossbar architectures for implementing deep neural networks. *Complex & Intelligent Systems*,1	7.1	4
88	Identification of Network Topology Variations Based on Spectral Entropy. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	4
87	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
86	Neurodynamics **2015**, 607-648		3
85	Algebraical criteria of stability for delayed memristive neural networks. *Advances in Difference Equations*, **2015**, 2015,	3.6	3
84	Second-Order Consensus of Hybrid Multiagent Systems. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 1-10	7.3	3
83	A Robust Point Set Registration Approach With Multiple Effective Constraints. *IEEE Transactions on Industrial Electronics*, **2020**, 67, 10931-10941	8.9	3
82	Observer-based H control of discrete Markovian jump delay systems with random packet losses and multiplicative noises. *Optimal Control Applications and Methods*, **2013**, 34, 728-741	1.7	3
81	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
80	Revisiting Memristor Properties. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2020**, 30, 2050172	2	3
79	Second-Order Consensus for Multiagent Systems With Switched Dynamics. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	3
78	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

77	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
76	Finite-time stability of coupled impulsive neural networks with time-varying delays and saturating actuators. *Neurocomputing*, **2021**, 453, 590-598	5.4	3
75	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
74	Robust Stability of Recurrent Neural Networks With Time-Varying Delays and Input Perturbation. *IEEE Transactions on Cybernetics*, **2021**, 51, 3027-3038	10.2	3
73	Predictor-Based Periodic Event-Triggered Control for Dual-Rate Networked Control Systems With Disturbances. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	3
72	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
71	Quasisynchronization of Memristive Neural Networks With Communication Delays via Event-Triggered Impulsive Control. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	3
70	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
69	Quantization synchronization of chaotic neural networks with time delay under event-triggered strategy. *Cognitive Neurodynamics*, **2021**, 15, 897-914	4.2	3
68	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
67	Memristive Fuzzy Deep Learning Systems. *IEEE Transactions on Fuzzy Systems*, **2020**, 1-1	8.3	2
66	Special Issue Editorial: Computational Intelligence and Applications. *Cognitive Computation*, **2013**, 5, 1-2	4.4	2
65	Dynamic evolution evoked by external inputs in memristor-based wavelet neural networks with different memductance functions. *Advances in Difference Equations*, **2013**, 2013,	3.6	2
64	Analysis and synthesis of associative memories based on Brain-State-in-a-Box neural networks **2009**,		2
63	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
62	A memristive dual-slope A/D converter. *International Journal of Circuit Theory and Applications*, **2020**, 48, 42-55	2	2
61	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
60	Stable and compact design of Memristive GoogLeNet Neural Network. *Neurocomputing*, **2021**, 441, 52-63	3.4	2

59	. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2021**, 68, 2082-2086	3.5	2
58	. *IEEE Transactions on Aerospace and Electronic Systems*, **2021**, 1-1	3.7	2
57	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
56	Leader‑Follower Interactive Potential for Target Enclosing of Perception-Limited UAV Groups. *IEEE Systems Journal*, **2021**, 1-12	4.3	2
55	Distributed Adaptive Containment Control for Coupled Reaction-Diffusion Neural Networks With Directed Topology. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	2
54	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
53	State bounding for fuzzy memristive neural networks with bounded input disturbances. *Neural Networks*, **2021**, 134, 163-172	9.1	2
52	Basic theorem and global exponential stability of differential-algebraic neural networks with delay. *Neural Networks*, **2021**, 140, 336-343	9.1	2
51	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
50	Quantized passification of delayed memristor-based neural networks via sliding model control. *Journal of the Franklin Institute*, **2020**, 357, 3741-3752	4	1
49	Configurable Logic Operations Using Hybrid CRS-CMOS Cells. *IEEE Transactions on Very Large Scale Integration (VLSI) Systems*, **2018**, 26, 2641-2647	2.6	1
48	New Criteria of Robust (H_∞) Stability for Fuzzy Mixed-Delay Systems with Nonlinear Noise Disturbances. *Circuits, Systems, and Signal Processing*, **2016**, 35, 2810-2831	2.2	1
47	A Memristor-CMOS Hybrid Circuit for Classical Conditioning Reflex **2018**,		1
46	Dynamic behaviors of hybrid Lotka-Volterra recurrent neural networks with memristor characteristics **2012**,		1
45	Analysis of a memristor-based switching network **2011**,		1
44	Analysis of a third-order circuit based on a memristor **2011**,		1
43	Generative Mixup Networks for Zero-Shot Learning.. *IEEE Transactions on Neural Networks and Learning Systems*, **2022**, PP,	10.3	1
42	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

41	Automatic Identification of Decisions from the Hibernate Developer Mailing List **2020**,		1
40	Global Ultimate Mittag-Leffler Lag Quasi-Synchronization of Delayed Fractional-Order Memristive Neural Networks with Switching Jumps Mismatch via Pinning Control **2020**,		1
39	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
38	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
37	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
36	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
35	Memristor Crossbar Array for Image Storing. *Lecture Notes in Computer Science*, **2015**, 166-173	0.9	1
34	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
33	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
32	H∞Control for Observer-Based Non-Negative Edge Consensus of Discrete-Time Networked Systems. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	1
31	Consensus of Continuous-Time Linear Multiagent Systems With Discrete Measurements. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	1
30	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
29	Synchronization of memristive neural networks with unknown parameters via event-triggered adaptive control. *Neural Networks*, **2021**, 139, 255-264	9.1	1
28	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
27	Corn-Plant Counting Using Scare-Aware Feature and Channel Interdependence. *IEEE Geoscience and Remote Sensing Letters*, **2021**, 1-5	4.1	1
26	Synchronization of Timescale-Type Nonautonomous Neural Networks With Proportional Delays. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 1-7	7.3	1
25	Improvement of two-step write scheme in complementary resistive switch array. *IET Circuits, Devices and Systems*, **2018**, 12, 50-54	1.1	1
24	Multistability and robustness of complex-valued neural networks with delays and input perturbation. *Neurocomputing*, **2021**, 447, 319-328	5.4	1

23	Event-based passification of delayed memristive neural networks. *Information Sciences*, **2021**, 569, 344-357	7.7	1
22	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
21	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
20	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
19	Finite-Time Stabilization of Competitive Neural Networks With Time-Varying Delays. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	1
18	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
17	Geometric Renormalization Reveals the Self-Similarity of Weighted Networks. *IEEE Transactions on Computational Social Systems*, **2022**, 1-9	4.5	1
16	Global exponential anti-synchronization for delayed memristive neural networks via event-triggering method. *Neural Computing and Applications*, **2020**, 32, 13521-13535	4.8	0
15	A Fractional-Order Chaotic Circuit Based on Memristor and Its Generalized Projective Synchronization. *Lecture Notes in Computer Science*, **2014**, 838-844	0.9	0
14	Stability criteria for a class of uncertain systems with time-delay. *Journal of Systems Science and Systems Engineering*, **2003**, 12, 204-209	1.2	0
13	A CSF-Based CNR Approach for Small-Size Image Sequences. *IEEE Signal Processing Letters*, **2019**, 26, 1808-1811	3.2	0
12	Prescribed convergence analysis of recurrent neural networks with parameter variations. *Mathematics and Computers in Simulation*, **2021**, 182, 858-870	3.3	0
11	Positivity and stability of coupled differential-difference equations with time-varying delay on time scales. *Automatica*, **2021**, 131, 109774	5.7	0
10	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
9	Multiclass Classification of UML Diagrams from Images Using Deep Learning. *International Journal of Software Engineering and Knowledge Engineering*, **2021**, 31, 1683-1698	1	0
8	Global Stabilization for Delayed Fuzzy Inertial Neural Networks. *Lecture Notes in Computer Science*, **2019**, 62-69	0.9	
7	Stability Analysis for Memristive Recurrent Neural Network Under Different External Stimulus. *Neural Processing Letters*, **2017**, 47, 601	2.4	
6	Special Issue Editorial: Advances in Computational Intelligence and Applications. *Cognitive Computation*, **2010**, 2, 255-256	4.4	

List of Publications

5	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
4	Multidomain Features Fusion for Zero-Shot Learning. *IEEE Transactions on Emerging Topics in Computational Intelligence*, **2020**, 4, 764-773	4.1
3	3D Shape Estimation With an Enhanced Sparse Representation Approach. *IEEE Signal Processing Letters*, **2021**, 28, 1685-1688	3.2
2	WeiboCluster: An Event-Oriented Sina Weibo Dataset with Estimating Credit. *Lecture Notes in Computer Science*, **2018**, 239-246	0.9
1	Boundedness and Stability for a Class of Timescale-Type Time-Varying Systems. *Lecture Notes in Computer Science*, **2018**, 703-710	0.9