

# Qiang Xiao

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

|                    |                         |               |                 |
|--------------------|-------------------------|---------------|-----------------|
| 135<br>papers      | 3,642<br>citations      | 31<br>h-index | 56<br>g-index   |
| 151<br>ext. papers | 4,624<br>ext. citations | 6<br>avg, IF  | 6.61<br>L-index |

| #   | Paper   | IF  | Citations |
|-----|---|-----|-----------|
| 135 | Full-Circuit Implementation of Transformer Network Based on Memristor. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2022</b> , 1-13  | 3.9 | 5         |
| 134 | Finite-time stabilization of complex-valued neural networks with proportional delays and inertial terms: A non-separation approach.. <i>Neural Networks</i> , <b>2022</b> , 148, 86-95  | 9.1 | 2         |
| 133 | Stability and Stabilization of Takagi-Sugeno Fuzzy Second-Fractional-Order Linear Networks via Nonreduced-Order Approach. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2022</b> , 1-10                                     | 7.3 | 1         |
| 132 | Probabilistic Charging Power Forecast of EVCS: Reinforcement Learning Assisted Deep Learning Approach. <i>IEEE Transactions on Intelligent Vehicles</i> , <b>2022</b> , 1-1   | 5   | 1         |
| 131 | Geometric Renormalization Reveals the Self-Similarity of Weighted Networks. <i>IEEE Transactions on Computational Social Systems</i> , <b>2022</b> , 1-9  | 4.5 | 1         |
| 130 | Settling-Time Estimation for Finite-Time Stabilization of Fractional-Order Quaternion-Valued Fuzzy NNS. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2022</b> , 1-1   | 8.3 | 0         |
| 129 | Editorial Special Issue for 50th Birthday of Memristor Theory and Application of Neuromorphic Computing Based on MemristorPart I. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2021</b> , 68, 4417-4418                    | 3.9 |           |
| 128 | Bridging the Functional and Wiring Properties of V1 Neurons Through Sparse Coding. <i>Neural Computation</i> , <b>2021</b> , 1-34   | 2.9 |           |
| 127 | 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> , <b>2021</b> , 68, 4835-4836                | 3.9 | 1         |
| 126 | Generating Any Number of Diversified Hidden Attractors via Memristor Coupling. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2021</b> , 1-12  | 3.9 | 8         |
| 125 | Model-Free Event-Triggered Consensus Algorithm for Multiagent Systems Using Reinforcement Learning Method. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 1-10  | 7.3 | 1         |
| 124 | Effective Segmentation Approach for Solar Photovoltaic Panels in Uneven Illuminated Color Infrared Images. <i>IEEE Journal of Photovoltaics</i> , <b>2021</b> , 11, 478-484   | 3.7 | 5         |
| 123 | Global stabilization of fractional-order memristor-based neural networks with incommensurate orders and multiple time-varying delays: a positive-system-based approach. <i>Nonlinear Dynamics</i> , <b>2021</b> , 104, 2303-2329                      | 5   | 3         |
| 122 | A Novel Nonideal Flux-Controlled Memristor Model for Generating Arbitrary Multi-Double-Scroll and Multi-Double-Wing Attractors. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2021</b> , 31, 2150086 | 2   | 5         |
| 121 | Improve Semi-supervised Learning with Metric Learning Clusters and Auxiliary Fake Samples. <i>Neural Processing Letters</i> , <b>2021</b> , 53, 3427  | 2.4 | 0         |
| 120 | Synchronization of memristive neural networks with unknown parameters via event-triggered adaptive control. <i>Neural Networks</i> , <b>2021</b> , 139, 255-264   | 9.1 | 1         |
| 119 | Research on cascading high-dimensional isomorphic chaotic maps. <i>Cognitive Neurodynamics</i> , <b>2021</b> , 15, 157-167  | 4.2 | 5         |

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| 118 | Intermittent Stabilization of Fuzzy Competitive Neural Networks With Reaction Diffusions. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 29, 2361-2372  | 8.3  | 10 |
| 117 | A Disturbance Rejection Framework for Finite-Time and Fixed-Time Stabilization of Delayed Memristive Neural Networks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 51, 905-915 | 7.3  | 31 |
| 116 | Synchronization of Nonidentical Neural Networks With Unknown Parameters and Diffusion Effects via Robust Adaptive Control Techniques. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , 51, 660-672            | 10.2 | 9  |
| 115 | Finite-/Fixed-Time Synchronization of Delayed Coupled Discontinuous Neural Networks With Unified Control Schemes. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2021</b> , 32, 2535-2546     | 10.3 | 5  |
| 114 | Positivity and Stability of Delayed Timescale-Type Differential-Difference Equations. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 66, 3221-3226  | 5.9  | 6  |
| 113 | Exponential Stabilization of Inertial Memristive Neural Networks With Multiple Time Delays. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , 51, 579-588  | 10.2 | 23 |
| 112 | Corn-Plant Counting Using Scare-Aware Feature and Channel Interdependence. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2021</b> , 1-5   | 4.1  | 1  |
| 111 | Synchronization of Timescale-Type Nonautonomous Neural Networks With Proportional Delays. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 1-7                                     | 7.3  | 1  |
| 110 | Generating Any Number of Initial Offset-boosted Coexisting Chua's Double-scroll Attractors via Piecewise-nonlinear Memristor. <i>IEEE Transactions on Industrial Electronics</i> , <b>2021</b> , 1-1                 | 8.9  | 11 |
| 109 | Leader-Follower Interactive Potential for Target Enclosing of Perception-Limited UAV Groups. <i>IEEE Systems Journal</i> , <b>2021</b> , 1-12  | 4.3  | 2  |
| 108 | Multi-scroll hidden attractor in memristive HR neuron model under electromagnetic radiation and its applications. <i>Chaos</i> , <b>2021</b> , 31, 011101  | 3.3  | 31 |
| 107 | Quantization synchronization of chaotic neural networks with time delay under event-triggered strategy. <i>Cognitive Neurodynamics</i> , <b>2021</b> , 15, 897-914   | 4.2  | 3  |
| 106 | Basic theorem and global exponential stability of differential-algebraic neural networks with delay. <i>Neural Networks</i> , <b>2021</b> , 140, 336-343   | 9.1  | 2  |
| 105 | Multistability of delayed fractional-order competitive neural networks. <i>Neural Networks</i> , <b>2021</b> , 140, 325-335  | 9.3  | 12 |
| 104 | Exponential quasi-synchronization of coupled delayed memristive neural networks via intermittent event-triggered control. <i>Neural Networks</i> , <b>2021</b> , 141, 98-106   | 9.1  | 8  |
| 103 | Synchronization of recurrent neural networks with unbounded delays and time-varying coefficients via generalized differential inequalities. <i>Neural Networks</i> , <b>2021</b> , 143, 161-170                      | 9.1  | 1  |
| 102 | Exponential Stabilization of Fuzzy Memristive Neural Networks With Multiple Time Delays Via Intermittent Control. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 1-10            | 7.3  | 2  |
| 101 | Global Exponential Stability of Impulsive Delayed Neural Networks on Time Scales Based on Convex Combination Method. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 1-10         | 7.3  | 0  |

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| 100 | Initial offset boosting coexisting attractors in memristive multi-double-scroll Hopfield neural network. <i>Nonlinear Dynamics</i> , <b>2020</b> , 102, 2821-2841  | 5   | 54 |
| 99  | A simple no-equilibrium chaotic system with only one signum function for generating multidirectional variable hidden attractors and its hardware implementation. <i>Chaos</i> , <b>2020</b> , 30, 053129   | 3.3 | 38 |
| 98  | Novel results on finite-time stabilization of state-based switched chaotic inertial neural networks with distributed delays. <i>Neural Networks</i> , <b>2020</b> , 129, 193-202                           | 9.1 | 15 |
| 97  | Second-Order Consensus of Hybrid Multiagent Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 1-10   | 7.3 | 3  |
| 96  | Global exponential stabilization and lag synchronization control of inertial neural networks with time delays. <i>Neural Networks</i> , <b>2020</b> , 126, 11-20   | 9.1 | 23 |
| 95  | Optimizing Synchronizability of Multilayer Networks Based on the Graph Comparison Method. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2020</b> , 67, 1740-1751                 | 3.9 | 7  |
| 94  | A Robust Point Set Registration Approach With Multiple Effective Constraints. <i>IEEE Transactions on Industrial Electronics</i> , <b>2020</b> , 67, 10931-10941   | 8.9 | 3  |
| 93  | Formation-containment control of multi-robot systems under a stochastic sampling mechanism. <i>Science China Technological Sciences</i> , <b>2020</b> , 63, 1025-1034                                      | 3.5 | 23 |
| 92  | Fixed-time synchronization of delayed Cohen-Grossberg neural networks based on a novel sliding mode. <i>Neural Networks</i> , <b>2020</b> , 128, 1-12  | 9.1 | 16 |
| 91  | Memristor-Based HTM Spatial Pooler With On-Device Learning for Pattern Recognition. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 1-15                                | 7.3 | 8  |
| 90  | Distributed optimisation based on multi-agent system for resource allocation with communication time-delay. <i>IET Control Theory and Applications</i> , <b>2020</b> , 14, 549-557                         | 2.5 | 6  |
| 89  | Mutual Improvement Between Temporal Ensembling and Virtual Adversarial Training. <i>Neural Processing Letters</i> , <b>2020</b> , 51, 1111-1124  | 2.4 | 1  |
| 88  | Adaptive tracking synchronization for coupled reaction-diffusion neural networks with parameter mismatches. <i>Neural Networks</i> , <b>2020</b> , 124, 146-157  | 9.1 | 10 |
| 87  | A memristive dual-slope A/D converter. <i>International Journal of Circuit Theory and Applications</i> , <b>2020</b> , 48, 42-55   | 2   | 2  |
| 86  | A Broad Learning System with Ensemble and Classification Methods for Multi-step-ahead Wind Speed Prediction. <i>Cognitive Computation</i> , <b>2020</b> , 12, 654-666                                      | 4.4 | 11 |
| 85  | On the Functional Equivalence of TSK Fuzzy Systems to Neural Networks, Mixture of Experts, CART, and Stacking Ensemble Regression. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2020</b> , 28, 2570-2580 | 8.3 | 18 |
| 84  | Asymptotic Stability and Synchronization of Fractional-Order Neural Networks With Unbounded Time-Varying Delays. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 1-10   | 7.3 | 4  |
| 83  | Design of In-Situ Learning Bidirectional Associative Memory Neural Network Circuit With Memristor Synapse. <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , <b>2020</b> , 1-12  | 4.1 | 7  |

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| 82 | Memristor-based LSTM network with in situ training and its applications. <i>Neural Networks</i> , <b>2020</b> , 131, 300-311   | 9.1  | 12 |
| 81 | Finite-time stabilization and energy consumption estimation for delayed neural networks with bounded activation function. <i>Neural Networks</i> , <b>2020</b> , 131, 163-171  | 9.1  | 5  |
| 80 | Landslide displacement interval prediction using lower upper bound estimation method with pre-trained random vector functional link network initialization. <i>Neural Networks</i> , <b>2020</b> , 130, 286-296                | 9.1  | 11 |
| 79 | Improving Robustness of Deep Transfer Model by Double Transfer Learning <b>2020</b> ,  |      | 1  |
| 78 | A Novel Weight Update Rule of Online Transfer Learning <b>2020</b> ,   |      | 2  |
| 77 | Model-Free Algorithms for Containment Control of Saturated Discrete-Time Multiagent Systems via Q-Learning Method. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 1-9                      | 7.3  | 1  |
| 76 | Global Stability of Bidirectional Associative Memory Neural Networks With Multiple Time-Varying Delays. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , PP,  | 10.2 | 10 |
| 75 | Hidden Markov-Model-Based Control Design for Multilateral Teleoperation System With Asymmetric Time-Varying Delays. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 1-12                    | 7.3  | 1  |
| 74 | Finite-Time Stabilization and Energy Consumption Estimation for Delayed Nonlinear Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 1-10   | 7.3  | 5  |
| 73 | Stability and Robust Stability of Stochastic ReactionDiffusion Neural Networks With Infinite Discrete and Distributed Delays. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 1721-1732 | 7.3  | 27 |
| 72 | Lagrange stability of delayed switched inertial neural networks. <i>Neurocomputing</i> , <b>2020</b> , 381, 52-60  | 5.4  | 12 |
| 71 | Multi-objective redundancy hardening with optimal task mapping for independent tasks on multi-cores. <i>Soft Computing</i> , <b>2020</b> , 24, 981-995   | 3.5  | 0  |
| 70 | An Associative-Memory-Based Reconfigurable Memristive Neuromorphic System With Synchronous Weight Training. <i>IEEE Transactions on Cognitive and Developmental Systems</i> , <b>2020</b> , 12, 529-540                        | 3    | 4  |
| 69 | Stabilization of Nonautonomous Recurrent Neural Networks With Bounded and Unbounded Delays on Time Scales. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 4307-4317   | 10.2 | 10 |
| 68 | Global Synchronization of Fuzzy Memristive Neural Networks With Discrete and Distributed Delays. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2020</b> , 28, 2022-2034   | 8.3  | 47 |
| 67 | Quasi-Synchronization of Delayed Memristive Neural Networks via a Hybrid Impulsive Control. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2019</b> , 1-12  | 7.3  | 16 |
| 66 | Constructing multi-butterfly attractors based on Sprott C system via non-autonomous approaches. <i>Chaos</i> , <b>2019</b> , 29, 043112  | 3.3  | 15 |
| 65 | Novel Nonlinear Function Shift Method for Generating Multiscroll Attractors Using Memristor-Based Control Circuit. <i>IEEE Transactions on Very Large Scale Integration (VLSI) Systems</i> , <b>2019</b> , 1-12                | 2.6  | 13 |

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| 64 | Asynchronous event-based sampling data for impulsive protocol on consensus of non-linear multi-agent systems. <i>Neural Networks</i> , <b>2019</b> , 115, 90-99  | 9.1  | 14 |
| 63 | Synchronization of Multiple Reaction-Diffusion Neural Networks With Heterogeneous and Unbounded Time-Varying Delays. <i>IEEE Transactions on Cybernetics</i> , <b>2019</b> , 49, 2980-2991   | 10.2 | 29 |
| 62 | Containment Control for Multiagent Systems Under Two Intermittent Control Schemes. <i>IEEE Transactions on Automatic Control</i> , <b>2019</b> , 64, 1236-1243   | 5.9  | 30 |
| 61 | Exponential Stabilization of Fuzzy Memristive Neural Networks With Hybrid Unbounded Time-Varying Delays. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2019</b> , 30, 739-750                              | 10.3 | 43 |
| 60 | A Versatile Pulse Control Method to Generate Arbitrary Multidirection Multibutterfly Chaotic Attractors. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , <b>2019</b> , 38, 1480-1492        | 2.5  | 15 |
| 59 | Memristor-Based Echo State Network With Online Least Mean Square. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2019</b> , 49, 1787-1796   | 7.3  | 60 |
| 58 | Adjusting Learning Rate of Memristor-Based Multilayer Neural Networks via Fuzzy Method. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , <b>2019</b> , 38, 1084-1094                         | 2.5  | 79 |
| 57 | An Accelerated Procrustean Markov Process Model With Coherent Constraint for Non-Rigid Structure From Motion. <i>IEEE Access</i> , <b>2019</b> , 7, 145013-145021  | 3.5  |    |
| 56 | Finite-time stabilization of memristor-based inertial neural networks with discontinuous activations and distributed delays. <i>Journal of the Franklin Institute</i> , <b>2019</b> , 356, 3628-3643                               | 4    | 33 |
| 55 | Development of an MEMS based biomimetic whisker sensor for tactile sensing <b>2019</b> ,   |      | 2  |
| 54 | Generating Realistic Videos From Keyframes With Concatenated GANs. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2019</b> , 29, 2337-2348   | 6.4  | 73 |
| 53 | Global Synchronization of Coupled Fractional-Order Recurrent Neural Networks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2019</b> , 30, 2358-2368   | 10.3 | 55 |
| 52 | Global Exponential Stability and Synchronization for Discrete-Time Inertial Neural Networks With Time Delays: A Timescale Approach. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2019</b> , 30, 1854-1866 | 10.3 | 46 |
| 51 | . <i>IEEE Transactions on Fuzzy Systems</i> , <b>2019</b> , 27, 2067-2078  | 8.3  | 20 |
| 50 | Event-triggered impulsive control on quasi-synchronization of memristive neural networks with time-varying delays. <i>Neural Networks</i> , <b>2019</b> , 110, 55-65   | 9.1  | 45 |
| 49 | Distributed Adaptive Tracking Synchronization for Coupled Reaction-Diffusion Neural Network. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2019</b> , 30, 1462-1475  | 10.3 | 26 |
| 48 | Passivity Analysis for Memristor-Based Inertial Neural Networks With Discrete and Distributed Delays. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2019</b> , 49, 375-385                               | 7.3  | 56 |
| 47 | Multiple $\pi$ -Type Stability and Its Robustness for Recurrent Neural Networks With Time-Varying Delays. <i>IEEE Transactions on Cybernetics</i> , <b>2019</b> , 49, 1803-1815  | 10.2 | 18 |



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| 46 | Global exponential synchronization of nonautonomous recurrent neural networks with time delays on time scales. <i>Applied Mathematics and Computation</i> , <b>2018</b> , 328, 263-275                          | 2.7  | 7   |
| 45 | Passivity and Passification of Fuzzy Memristive Inertial Neural Networks on Time Scales. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2018</b> , 26, 3342-3355  | 8.3  | 48  |
| 44 | O(t)-synchronization and Mittag-Leffler synchronization for the fractional-order memristive neural networks with delays and discontinuous neuron activations. <i>Neural Networks</i> , <b>2018</b> , 100, 10-24 | 9.1  | 27  |
| 43 | Hierarchical Type Stability Criteria for Delayed Neural Networks via Canonical Bessel-Legendre Inequalities. <i>IEEE Transactions on Cybernetics</i> , <b>2018</b> , 48, 1660-1671                              | 10.2 | 131 |
| 42 | Impulsive synchronization of stochastic reaction-diffusion neural networks with mixed time delays. <i>Neural Networks</i> , <b>2018</b> , 103, 83-93  | 9.1  | 33  |
| 41 | Event-Based Time-Interval Pinning Control for Complex Networks on Time Scales and Applications. <i>IEEE Transactions on Industrial Electronics</i> , <b>2018</b> , 65, 8797-8808                                | 8.9  | 30  |
| 40 | Stabilization of Fuzzy Memristive Neural Networks With Mixed Time Delays. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2018</b> , 26, 2591-2606   | 8.3  | 44  |
| 39 | Multistability and instability analysis of recurrent neural networks with time-varying delays. <i>Neural Networks</i> , <b>2018</b> , 97, 116-126   | 9.1  | 29  |
| 38 | A Novel Design for Memristor-Based Multiplexer Via NOT-Material Implication. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , <b>2018</b> , 37, 1436-1444                 | 2.5  | 10  |
| 37 | Memristor-Based Circuit Implementations of Recognition Network and Recall Network With Forgetting Stages. <i>IEEE Transactions on Cognitive and Developmental Systems</i> , <b>2018</b> , 10, 1133-1142         | 3    | 16  |
| 36 | Global Uniform Asymptotic Fixed Deviation Stability and Stability for Delayed Fractional-order Memristive Neural Networks with Generic Memductance. <i>Neural Networks</i> , <b>2018</b> , 98, 65-75            | 9.1  | 22  |
| 35 | Region stability analysis and tracking control of memristive recurrent neural network. <i>Neural Networks</i> , <b>2018</b> , 98, 51-58   | 9.1  | 19  |
| 34 | Memristive Fully Convolutional Network: An Accurate Hardware Image-Segmentor in Deep Learning. <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , <b>2018</b> , 2, 324-334             | 4.1  | 42  |
| 33 | Exponential consensus of discrete-time non-linear multi-agent systems via relative state-dependent impulsive protocols. <i>Neural Networks</i> , <b>2018</b> , 108, 192-201                                     | 9.1  | 14  |
| 32 | Improvement of two-step write scheme in complementary resistive switch array. <i>IET Circuits, Devices and Systems</i> , <b>2018</b> , 12, 50-54  | 1.1  | 1   |
| 31 | Scale-Limited Lagrange Stability and Finite-Time Synchronization for Memristive Recurrent Neural Networks on Time Scales. <i>IEEE Transactions on Cybernetics</i> , <b>2017</b> , 47, 2984-2994                 | 10.2 | 52  |
| 30 | Synchronization of Reaction-Diffusion Neural Networks With Dirichlet Boundary Conditions and Infinite Delays. <i>IEEE Transactions on Cybernetics</i> , <b>2017</b> , 47, 3005-3017                             | 10.2 | 61  |
| 29 | Synchronization of stochastic reaction-diffusion neural networks with Dirichlet boundary conditions and unbounded delays. <i>Neural Networks</i> , <b>2017</b> , 93, 89-98                                      | 9.1  | 21  |

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| 28 | A Compact Memristor-CMOS Hybrid Look-Up-Table Design and Potential Application in FPGA. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , <b>2017</b> , 36, 2144-2148                             | 2.5 | 14  |
| 27 | Multistability of Delayed Recurrent Neural Networks with Mexican Hat Activation Functions. <i>Neural Computation</i> , <b>2017</b> , 29, 423-457   | 2.9 | 17  |
| 26 | Complete stability of delayed recurrent neural networks with Gaussian activation functions. <i>Neural Networks</i> , <b>2017</b> , 85, 21-32   | 9.1 | 30  |
| 25 | Prediction Intervals for Landslide Displacement Based on Switched Neural Networks. <i>IEEE Transactions on Reliability</i> , <b>2016</b> , 65, 1483-1495   | 4.6 | 23  |
| 24 | Event-Triggering Load Frequency Control for Multiarea Power Systems With Communication Delays. <i>IEEE Transactions on Industrial Electronics</i> , <b>2016</b> , 63, 1308-1317  | 8.9 | 204 |
| 23 | New results on anti-synchronization of switched neural networks with time-varying delays and lag signals. <i>Neural Networks</i> , <b>2016</b> , 81, 52-8  | 9.1 | 22  |
| 22 | Multistability analysis of a general class of recurrent neural networks with non-monotonic activation functions and time-varying delays. <i>Neural Networks</i> , <b>2016</b> , 79, 117-27   | 9.1 | 44  |
| 21 | Stability analysis for uncertain switched neural networks with time-varying delay. <i>Neural Networks</i> , <b>2016</b> , 83, 32-41  | 9.1 | 37  |
| 20 | Almost periodic solutions for a memristor-based neural networks with leakage, time-varying and distributed delays. <i>Neural Networks</i> , <b>2015</b> , 68, 34-45  | 9.1 | 32  |
| 19 | Circuit design and exponential stabilization of memristive neural networks. <i>Neural Networks</i> , <b>2015</b> , 63, 48-56   | 9.1 | 145 |
| 18 | Landslide Deformation Prediction Based on Recurrent Neural Network. <i>Neural Processing Letters</i> , <b>2015</b> , 41, 169-178   | 2.4 | 30  |
| 17 | Observer-based H <sub>∞</sub> fuzzy control for discrete-time Takagi-Sugeno fuzzy mixed delay systems with random packet losses and multiplicative noises. <i>International Journal of Systems Science</i> , <b>2015</b> , 46, 159-169 | 2.3 | 6   |
| 16 | Global Mittag-Leffler stability and synchronization of memristor-based fractional-order neural networks. <i>Neural Networks</i> , <b>2014</b> , 51, 1-8  | 9.1 | 380 |
| 15 | Global exponential almost periodicity of a delayed memristor-based neural networks. <i>Neural Networks</i> , <b>2014</b> , 60, 33-43   | 9.1 | 26  |
| 14 | Noise cancellation of memristive neural networks. <i>Neural Networks</i> , <b>2014</b> , 60, 74-83   | 9.1 | 23  |
| 13 | Exponential Adaptive Lag Synchronization of Memristive Neural Networks via Fuzzy Method and Applications in Pseudorandom Number Generators. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2014</b> , 22, 1704-1713                    | 8.3 | 212 |
| 12 | Global exponential synchronization of memristor-based recurrent neural networks with time-varying delays. <i>Neural Networks</i> , <b>2013</b> , 48, 195-203   | 9.1 | 151 |
| 11 | Observer-based H <sub>∞</sub> control of discrete Markovian jump delay systems with random packet losses and multiplicative noises. <i>Optimal Control Applications and Methods</i> , <b>2013</b> , 34, 728-741                        | 1.7 | 3   |



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| 10 | Robust sampled-data H <sub>∞</sub> output tracking control for a class of nonlinear networked systems with stochastic sampling. <i>International Journal of Systems Science</i> , <b>2013</b> , 44, 1626-1638   | 2.3  | 15  |
| 9  | Dynamic behaviors of memristor-based recurrent neural networks with time-varying delays. <i>Neural Networks</i> , <b>2012</b> , 36, 1-10  | 9.1  | 160 |
| 8  | H <sub>∞</sub> Filtering for Neutral Systems With Mixed Delays and Multiplicative Noises. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2012</b> , 59, 820-824   | 3.5  | 28  |
| 7  | Reliable H <sub>∞</sub> Filter design for a class of mixed-delay Markovian jump systems with stochastic nonlinearities and multiplicative noises via delay-partitioning method. <i>International Journal of Control, Automation and Systems</i> , <b>2012</b> , 10, 711-720 | 2.9  | 15  |
| 6  | Global exponential stability in Lagrange sense for neutral type recurrent neural networks. <i>Neurocomputing</i> , <b>2011</b> , 74, 638-645  | 5.4  | 52  |
| 5  | Deformation prediction of landslide based on genetic-simulated annealing algorithm and BP neural network <b>2011</b> ,  |      | 5   |
| 4  | Sufficient and necessary conditions for Lyapunov stability of Lorenz system and their application. <i>Science China Information Sciences</i> , <b>2010</b> , 53, 1574-1583  | 3.4  | 7   |
| 3  | Positive invariant and global exponential attractive sets of neural networks with time-varying delays. <i>Neurocomputing</i> , <b>2008</b> , 71, 513-518  | 5.4  | 61  |
| 2  | Imbalanced Heart Sound Signal Classification Based on Two-Stage Trained DsaNet. <i>Cognitive Computation</i> , 1  | 4.4  | 0   |
| 1  | Adhesive and Hydrophobic Bilayer Hydrogel Enabled On-Skin Biosensors for High-Fidelity Classification of Human Emotion. <i>Advanced Functional Materials</i> , 2200457  | 15.6 | 8   |