

Jian-an Fang

List of Publications by Year in descending order

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103
papers

3,149
citations

136885

32
h-index

168321

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103
all docs

103
docs citations

103
times ranked

1975
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Event-Triggered Exponential Stabilization for State-Based Switched Inertial Complex-Valued Neural Networks With Multiple Delays. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 4585-4595. | 6.2 | 17 |
| 2 | Event-Triggered Synchronization of Multiple Discrete-Time Markovian Jump Memristor- Based Neural Networks With Mixed Mode-Dependent Delays. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2022, 69, 2095-2107. | 3.5 | 15 |
| 3 | Adaptive Continuous Sliding Mode Control for Fractional-order Systems with Uncertainties and Unknown Control Gains. <i>International Journal of Control, Automation and Systems</i> , 2022, 20, 1509-1520. | 1.6 | 7 |
| 4 | Event-Triggered Stabilization for Takagi-Sugeno Fuzzy Complex-Valued Memristive Neural Networks With Mixed Time-Varying Delays. <i>IEEE Transactions on Fuzzy Systems</i> , 2021, 29, 1853-1863. | 6.5 | 24 |
| 5 | Impulse-based coupling synchronization of multiple discrete-time memristor-based neural networks with stochastic perturbations and mixed delays. <i>Journal of the Franklin Institute</i> , 2021, 358, 980-1001. | 1.9 | 3 |
| 6 | Formation Control of Multi-Agent Systems With Orientation Noises. <i>IEEE Transactions on Network Science and Engineering</i> , 2021, 8, 305-317. | 4.1 | 8 |
| 7 | Exponential Stabilization of Stochastic Memristive Recurrent Neural Networks Under Periodically Intermittent State Feedback Control. <i>Asian Journal of Control</i> , 2020, 22, 897-907. | 1.9 | 6 |
| 8 | On Bipartite Consensus of Bounded Confidence Models for Opinion Dynamics. <i>International Journal of Control, Automation and Systems</i> , 2020, 18, 303-312. | 1.6 | 8 |
| 9 | Time-varying Formation Tracking for Second-order Multi-agent Systems Subjected to Switching Topology and Input Saturation. <i>International Journal of Control, Automation and Systems</i> , 2020, 18, 991-1001. | 1.6 | 22 |
| 10 | Event-Triggered Exponential Synchronization for Complex-Valued Memristive Neural Networks With Time-Varying Delays. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020, 31, 4104-4116. | 7.2 | 60 |
| 11 | Event-triggered impulsive synchronization of discrete-time coupled neural networks with stochastic perturbations and multiple delays. <i>Neural Networks</i> , 2020, 132, 447-460. | 3.3 | 18 |
| 12 | Fixed-time synchronization control for a class of nonlinear coupled Cohen-Grossberg neural networks from synchronization dynamics viewpoint. <i>Neurocomputing</i> , 2020, 400, 371-380. | 3.5 | 9 |
| 13 | New Results on Synchronization of Fractional-Order Memristor-Based Neural Networks via State Feedback Control. <i>Complexity</i> , 2020, 2020, 1-11. | 0.9 | 2 |
| 14 | Exponential synchronization of multiple impulsive discrete-time memristor-based neural networks with stochastic perturbations and time-varying delays. <i>Neurocomputing</i> , 2020, 392, 86-97. | 3.5 | 12 |
| 15 | Event-Triggering Formation Tracking for Second-Order Multi-Agent Systems Subjected to Input Saturation. <i>IEEE Access</i> , 2019, 7, 138378-138390. | 2.6 | 5 |
| 16 | Controller design for fixed-time synchronization of nonlinear coupled Cohen-Grossberg neural networks with switching parameters and time-varying delays based on synchronization dynamics analysis. <i>Nonlinear Dynamics</i> , 2019, 98, 2079-2096. | 2.7 | 12 |
| 17 | The Impact of Coupling Function on Finite-Time Synchronization Dynamics of Multi-Weighted Complex Networks with Switching Topology. <i>Complexity</i> , 2019, 2019, 1-15. | 0.9 | 3 |
| 18 | Finite-time synchronization of memristive neural networks with discontinuous activation functions and mixed time-varying delays. <i>Neurocomputing</i> , 2019, 340, 99-109. | 3.5 | 30 |

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|----|---|-----|-----------|
| 19 | Finite-time synchronization of memristive neural networks with time-varying delays via two control methods. <i>Mathematical Methods in the Applied Sciences</i> , 2019, 42, 2746-2760. | 1.2 | 7 |
| 20 | Formation Control with Multiple Leaders via Event-triggering Transmission Strategy. <i>International Journal of Control, Automation and Systems</i> , 2019, 17, 1494-1506. | 1.6 | 11 |
| 21 | Event-triggering Control for Time-varying Formation Tracking of Multi-agent Systems Subjected to Input Saturation. , 2019, , . | | 0 |
| 22 | Decentralized Event-Triggered Synchronization for Discrete-Time Memristive Neural Networks. , 2019, , . | | 0 |
| 23 | Exponential Stabilization of Time-varying Delayed Complex-valued Memristor-based Neural Networks Via Impulsive Control. <i>Asian Journal of Control</i> , 2018, 20, 2290-2301. | 1.9 | 13 |
| 24 | Exponential Synchronization of Memristive Chaotic Recurrent Neural Networks Via Alternate Output Feedback Control. <i>Asian Journal of Control</i> , 2018, 20, 469-482. | 1.9 | 15 |
| 25 | Exponential stabilisation of memristive neural networks under intermittent output feedback control. <i>International Journal of Control</i> , 2018, 91, 1848-1860. | 1.2 | 8 |
| 26 | Impulsive synchronization of discrete-time networked oscillators with partial input saturation. <i>Information Sciences</i> , 2018, 422, 531-541. | 4.0 | 25 |
| 27 | Event-triggered non-fragile state estimation for delayed neural networks with randomly occurring sensor nonlinearity. <i>Neurocomputing</i> , 2018, 273, 1-8. | 3.5 | 32 |
| 28 | Finite-time Synchronization Control Relationship Analysis of Two Classes of Markovian Switched Complex Networks. <i>International Journal of Control, Automation and Systems</i> , 2018, 16, 2845-2858. | 1.6 | 9 |
| 29 | Exponential Synchronization of Stochastic Memristive Recurrent Neural Networks Under Alternate State Feedback Control. <i>International Journal of Control, Automation and Systems</i> , 2018, 16, 2859-2869. | 1.6 | 22 |
| 30 | Finite-time synchronization and adaptive synchronization of memristive recurrent neural networks with delays. <i>International Journal of Adaptive Control and Signal Processing</i> , 2018, 32, 1359-1376. | 2.3 | 11 |
| 31 | Finite-time synchronization of fractional-order memristive recurrent neural networks with discontinuous activation functions. <i>Neurocomputing</i> , 2018, 316, 284-293. | 3.5 | 51 |
| 32 | Reliable control for hybrid-driven T Σ S fuzzy systems with actuator faults and probabilistic nonlinear perturbations. <i>Journal of the Franklin Institute</i> , 2017, 354, 3267-3288. | 1.9 | 32 |
| 33 | Master-slave exponential synchronization of delayed complex-valued memristor-based neural networks via impulsive control. <i>Neural Networks</i> , 2017, 93, 165-175. | 3.3 | 81 |
| 34 | Synchronization of stochastic discrete-time complex networks with partial mixed impulsive effects. <i>Journal of the Franklin Institute</i> , 2017, 354, 4196-4214. | 1.9 | 15 |
| 35 | Event-triggered output feedback synchronization for networked Markovian jump systems with quantizations. <i>Nonlinear Analysis: Hybrid Systems</i> , 2017, 24, 146-158. | | |
| 36 | Exponential adaptive synchronization of stochastic memristive chaotic recurrent neural networks with time-varying delays. <i>Neurocomputing</i> , 2017, 267, 396-405. | 3.5 | 34 |

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|----|--|-----|-----------|
| 37 | Event-based finite-time state estimation for Markovian jump systems with quantizations and randomly occurring nonlinear perturbations. ISA Transactions, 2017, 66, 77-85. | 3.1 | 22 |
| 38 | Finite-time synchronization of cyclic switched complex networks under feedback control. Journal of the Franklin Institute, 2017, 354, 3780-3796. | 1.9 | 19 |
| 39 | Exponential stabilisation of stochastic memristive neural networks under intermittent adaptive control. IET Control Theory and Applications, 2017, 11, 2432-2439. | 1.2 | 41 |
| 40 | Consensus Analysis of Second-Order Multi-Agent Networks With Sampled Data and Packet Losses. IEEE Access, 2016, 4, 8127-8137. | 2.6 | 17 |
| 41 | Synchronization of hybrid impulsive and switching dynamical networks with delayed impulses. Nonlinear Dynamics, 2016, 83, 187-199. | 2.7 | 8 |
| 42 | Synchronisation of discrete-time complex networks with delayed heterogeneous impulses. IET Control Theory and Applications, 2015, 9, 2648-2656. | 1.2 | 7 |
| 43 | Differential evolution using a superior-inferior crossover scheme. Computational Optimization and Applications, 2015, 61, 243-274. | 0.9 | 17 |
| 44 | Mean square exponential synchronization for two classes of Markovian switching complex networks under feedback control from synchronization control cost viewpoint. Journal of the Franklin Institute, 2015, 352, 3221-3242. | 1.9 | 17 |
| 45 | Synchronization of Coupled Switched Neural Networks with Time-Varying Delays. Arabian Journal for Science and Engineering, 2015, 40, 3759-3773. | 1.1 | 4 |
| 46 | Delayed impulsive synchronization of discrete-time complex networks with distributed delays. Nonlinear Dynamics, 2015, 82, 2081-2096. | 2.7 | 16 |
| 47 | Synchronization of Takagi-Sugeno fuzzy stochastic discrete-time complex networks with delayed impulsive effects. , 2015, , . | | 0 |
| 48 | Exponential synchronization of impulsive discrete-time complex networks with time-varying delay. Neurocomputing, 2015, 157, 335-343. | 3.5 | 21 |
| 49 | Finite-time global synchronization for a class of Markovian jump complex networks with partially unknown transition rates under feedback control. Nonlinear Dynamics, 2015, 79, 47-61. | 2.7 | 60 |
| 50 | Stochastic Stability of Switched Genetic Regulatory Networks With Time-Varying Delays. IEEE Transactions on Nanobioscience, 2014, 13, 336-342. | 2.2 | 31 |
| 51 | Finite-time cluster synchronisation of Markovian switching complex networks with stochastic perturbations. IET Control Theory and Applications, 2014, 8, 30-41. | 1.2 | 44 |
| 52 | Synchronization of delayed coupled discrete-time complex networks via impulsive control. , 2014, , . | | 0 |
| 53 | Finite-time synchronization problems of delayed complex networks with stochastic perturbations. , 2014, , . | | 0 |
| 54 | Global synchronization for a class of Markovian switching complex networks with mixed time-varying delays in the delay-partition approach. Advances in Difference Equations, 2014, 2014, 248. | 3.5 | 3 |

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|----|--|-----|-----------|
| 55 | A Hybrid Differential Evolution for Optimum Modeling of PEM Fuel Cells. <i>Arabian Journal for Science and Engineering</i> , 2014, 39, 2869-2885. | 1.1 | 6 |
| 56 | Finite-time synchronization of Markovian jump complex networks with partially unknown transition rates. <i>Journal of the Franklin Institute</i> , 2014, 351, 2543-2561. | 1.9 | 69 |
| 57 | Synchronization of Nonlinear Dynamical Networks With Heterogeneous Impulses. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2014, 61, 1220-1228. | 3.5 | 162 |
| 58 | Synchronization of Stochastic Dynamical Networks Under Impulsive Control With Time Delays. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2014, 25, 1758-1768. | 7.2 | 129 |
| 59 | Mean square exponential synchronization for a class of Markovian switching complex networks under feedback control and M-matrix approach. <i>Neurocomputing</i> , 2014, 144, 357-366. | 3.5 | 17 |
| 60 | Finite time synchronization problems of delayed complex networks with stochastic perturbations. <i>Advances in Difference Equations</i> , 2014, 2014, . | 3.5 | 4 |
| 61 | Exponential stability of switched genetic regulatory networks with both stable and unstable subsystems. <i>Journal of the Franklin Institute</i> , 2013, 350, 2322-2333. | 1.9 | 21 |
| 62 | Pinning controllability of complex networks with community structure. <i>Chaos</i> , 2013, 23, 033114. | 1.0 | 16 |
| 63 | Dissipativity analysis of singular systems with Markovian jump parameters and mode-dependent mixed time-delays. <i>Neurocomputing</i> , 2013, 110, 121-127. | 3.5 | 31 |
| 64 | Stabilizing and synchronizing the Markovian jumping neural networks with mode-dependent mixed delays based on quantized state feedback. <i>Journal of the Franklin Institute</i> , 2013, 350, 275-299. | 1.9 | 10 |
| 65 | Synchronization of Markovian jump genetic oscillators with nonidentical feedback delay. <i>Neurocomputing</i> , 2013, 101, 347-353. | 3.5 | 10 |
| 66 | Adaptive population tuning scheme for differential evolution. <i>Information Sciences</i> , 2013, 223, 164-191. | 4.0 | 124 |
| 67 | Robust Stability of Markovian Jumping Genetic Regulatory Networks with Mode-Dependent Delays. <i>Mathematical Problems in Engineering</i> , 2012, 2012, 1-18. | 0.6 | 4 |
| 68 | A New Four-Scroll Chaotic Attractor Consisted of Two-Scroll Transient Chaotic and Two-Scroll Ultimate Chaotic. <i>Mathematical Problems in Engineering</i> , 2012, 2012, 1-12. | 0.6 | 4 |
| 69 | Studying on the stability of fractional-order nonlinear system. <i>Nonlinear Dynamics</i> , 2012, 70, 475-479. | 2.7 | 25 |
| 70 | Stability of delayed neural networks with time-varying impulses. <i>Neural Networks</i> , 2012, 36, 59-63. | 3.3 | 83 |
| 71 | Evolutionary Pinning Control and Its Application in UAV Coordination. <i>IEEE Transactions on Industrial Informatics</i> , 2012, 8, 828-838. | 7.2 | 133 |
| 72 | Digital IIR Filters Design Using Differential Evolution Algorithm with a Controllable Probabilistic Population Size. <i>PLoS ONE</i> , 2012, 7, e40549. | 1.1 | 18 |

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|----|--|-----|-----------|
| 73 | Adaptive synchronization of the complex dynamical network with double non-delayed and double delayed coupling. <i>International Journal of Control, Automation and Systems</i> , 2012, 10, 415-420. | 1.6 | 5 |
| 74 | Robust stability for genetic regulatory networks with linear fractional uncertainties. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2012, 17, 1753-1765. | 1.7 | 31 |
| 75 | New robust stability analysis for genetic regulatory networks with random discrete delays and distributed delays. <i>Neurocomputing</i> , 2011, 74, 2344-2360. | 3.5 | 45 |
| 76 | Multiobjective synchronization of coupled systems. <i>Chaos</i> , 2011, 21, 025114. | 1.0 | 51 |
| 77 | Efficient multi-sequence memory with controllable steady-state period and high sequence storage capacity. <i>Neural Computing and Applications</i> , 2011, 20, 17-24. | 3.2 | 5 |
| 78 | Controller design for synchronization of an array of delayed neural networks using a controllable probabilistic PSO. <i>Information Sciences</i> , 2011, 181, 4715-4732. | 4.0 | 51 |
| 79 | Generating a new chaotic attractor by feedback controlling method. <i>Mathematical Methods in the Applied Sciences</i> , 2011, 34, 2159-2166. | 1.2 | 4 |
| 80 | Parameters identification of unknown delayed genetic regulatory networks by a switching particle swarm optimization algorithm. <i>Expert Systems With Applications</i> , 2011, 38, 2523-2535. | 4.4 | 81 |
| 81 | Stochastic stability of Markovian jumping genetic regulatory networks with mixed time delays. <i>Applied Mathematics and Computation</i> , 2011, 217, 7210-7225. | 1.4 | 53 |
| 82 | Exponential cluster synchronization of impulsive delayed genetic oscillators with external disturbances. <i>Chaos</i> , 2011, 21, 043137. | 1.0 | 49 |
| 83 | Pinning impulsive synchronization of stochastic delayed coupled networks. <i>Chinese Physics B</i> , 2011, 20, 040513. | 0.7 | 21 |
| 84 | Robust stability of interval genetic regulatory networks with multiple time-varying delays. , 2011, , . | | 1 |
| 85 | Reply to the comment on "Synchronization of N-coupled fractional-order chaotic systems with ring connection". <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2010, 15, 4244-4245. | 1.7 | 1 |
| 86 | Dynamic depression control of chaotic neural networks for associative memory. <i>Neurocomputing</i> , 2010, 73, 776-783. | 3.5 | 27 |
| 87 | Impulsive pinning synchronization of stochastic discrete-time networks. <i>Neurocomputing</i> , 2010, 73, 2132-2139. | 3.5 | 45 |
| 88 | Synchronization of Takagi-Sugeno fuzzy stochastic discrete-time complex networks with mixed time-varying delays. <i>Applied Mathematical Modelling</i> , 2010, 34, 843-855. | 2.2 | 70 |
| 89 | Synchronization of N-coupled fractional-order chaotic systems with ring connection. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2010, 15, 401-412. | 1.7 | 59 |
| 90 | Image encryption using chaotic coupled map lattices with time-varying delays. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2010, 15, 2456-2468. | 1.7 | 89 |

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|-----|--|-----|-----------|
| 91 | LAG FULL STATE HYBRID PROJECTIVE SYNCHRONIZATION IN DIFFERENT FRACTIONAL-ORDER CHAOTIC SYSTEMS. <i>International Journal of Modern Physics B</i> , 2010, 24, 6129-6141. | 1.0 | 6 |
| 92 | SYNCHRONIZATION OF TAKAGI'S SUGENO FUZZY STOCHASTIC DELAYED COMPLEX NETWORKS WITH HYBRID COUPLING. <i>Modern Physics Letters B</i> , 2009, 23, 2429-2447. | 1.0 | 18 |
| 93 | SYNCHRONIZATION IN AN ARRAY OF HYBRID COUPLED NEURAL NETWORKS WITH MODE-DEPENDENT MIXED DELAYS AND MARKOVIAN SWITCHING. <i>Modern Physics Letters B</i> , 2009, 23, 1171-1187. | 1.0 | 1 |
| 94 | On the exponential synchronization of stochastic jumping chaotic neural networks with mixed delays and sector-bounded non-linearities. <i>Neurocomputing</i> , 2009, 72, 1694-1701. | 3.5 | 60 |
| 95 | Robust synchronization in an array of fuzzy delayed cellular neural networks with stochastically hybrid coupling. <i>Neurocomputing</i> , 2009, 72, 3253-3262. | 3.5 | 44 |
| 96 | Delay-distribution-dependent stability of stochastic discrete-time neural networks with randomly mixed time-varying delays. <i>Neurocomputing</i> , 2009, 72, 3830-3838. | 3.5 | 62 |
| 97 | Adaptive synchronization in an array of chaotic neural networks with mixed delays and jumping stochastically hybrid coupling. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2009, 14, 3615-3628. | 1.7 | 37 |
| 98 | Pinning control of fractional-order weighted complex networks. <i>Chaos</i> , 2009, 19, 013112. | 1.0 | 119 |
| 99 | SYNCHRONIZATION OF STOCHASTIC DELAYED NEURAL NETWORKS WITH MARKOVIAN SWITCHING AND ITS APPLICATION. <i>International Journal of Neural Systems</i> , 2009, 19, 43-56. | 3.2 | 34 |
| 100 | Stability analysis of multiple time-delayed system. <i>ISA Transactions</i> , 2008, 47, 439-447. | 3.1 | 3 |
| 101 | General methods for modified projective synchronization of hyperchaotic systems with known or unknown parameters. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2008, 372, 1816-1826. | 0.9 | 64 |
| 102 | Adaptive lag synchronization in unknown stochastic chaotic neural networks with discrete and distributed time-varying delays. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2008, 372, 4425-4433. | 0.9 | 124 |
| 103 | ADAPTIVE SYNCHRONIZATION FOR UNKNOWN STOCHASTIC CHAOTIC NEURAL NETWORKS WITH MIXED TIME-DELAYS BY OUTPUT COUPLING. <i>Modern Physics Letters B</i> , 2008, 22, 2391-2409. | 1.0 | 5 |