# Jun Cheng

List of Publications by Year
in descending order

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|---|---|---|---|
| 197 papers | 6,562 citations | 53789 45 h-index | 88628 70 g-index |
| 197 all docs | 197 docs citations | 197 times ranked | 2812 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Proportional-Integral Observer-Based State Estimation for Markov Memristive Neural Networks With Sensor Saturations. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 405-416. | 11.3 | 23 |
| 2 | Output-Feedback Control for Fuzzy Singularly Perturbed Systems: A Nonhomogeneous Stochastic Communication Protocol Approach. IEEE Transactions on Cybernetics, 2023, 53, 76-87. | 9.5 | 32 |
| 3 | Proportionalâ€“Integral Observer-Based State Estimation for Singularly Perturbed Complex Networks With Cyberattacks. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 9795-9805. | 11.3 | 12 |
| 4 | Asynchronous Fault Detection for Memristive Neural Networks With Dwell-Time-Based Communication Protocol. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 9004-9015. | 11.3 | 12 |
| 5 | Fuzzy-Model-Based Control for Singularly Perturbed Systems With Nonhomogeneous Markov Switching: A Dropout Compensation Strategy. IEEE Transactions on Fuzzy Systems, 2022, 30, 530-541. | 9.8 | 60 |
| 6 | Asynchronous Output Feedback Control of Hidden Semi-Markov Jump Systems With Random Mode-Dependent Delays. IEEE Transactions on Automatic Control, 2022, 67, 4107-4114. | 5.7 | 35 |
| 7 | SMC for Semi-Markov Jump Cyber-Physical Systems Subject to Randomly Occurring Deception Attacks. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 159-163. | 3.0 | 12 |
| 8 | Filter for Positive Stochastic Nonlinear Switching Systems With Phase-Type Semi-Markov Parameters and Application. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 2225-2236. | 9.3 | 38 |
| 9 | A Hierarchical Structure Approach to Finite-Time Filter Design for Fuzzy Markov Switching Systems With Deception Attacks. IEEE Transactions on Cybernetics, 2022, 52, 7254-7264. | 9.5 | 52 |
| 10 | Event-based asynchronous dissipative filtering for fuzzy nonhomogeneous Markov switching systems with variable packet dropouts. Fuzzy Sets and Systems, 2022, 432, 50-67. | 2.7 | 3 |
| 11 | Asynchronous<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e730" altimg="si695.svg"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mi>âˆž</mml:mi></mml:mrow></mml:msub></mml:math> of Markov jump discrete-time systems with incomplete transition probability and unreliable links. ISA Transactions, 2022, 122, 218-231. | 5.7 | 6 |
| 12 | Dissipativity-based synthesis for semi-Markovian systems with simultaneous probabilistic sensors and actuators faults: A modified event-triggered strategy. ISA Transactions, 2022, 128, 255-275. | 5.7 | 6 |
| 13 | Event-triggered control for exponential stabilization of impulsive dynamical systems. Applied Mathematics and Computation, 2022, 413, 126608. | 2.2 | 4 |
| 14 | A General Approach to Fixed-Time Synchronization Problem for Fractional-Order Multidimension-Valued Fuzzy Neural Networks Based on Memristor. IEEE Transactions on Fuzzy Systems, 2022, 30, 968-977. | 9.8 | 45 |
| 15 | Observer-Based Asynchronous Control of Nonlinear Systems With Dynamic Event-Based Try-Once-Discard Protocol. IEEE Transactions on Cybernetics, 2022, 52, 12638-12648. | 9.5 | 35 |
| 16 | Static Output Feedback Quantized Control for Fuzzy Markovian Switching Singularly Perturbed Systems With Deception Attacks. IEEE Transactions on Fuzzy Systems, 2022, 30, 1036-1047. | 9.8 | 109 |
| 17 | Fuzzy SMC for Quantized Nonlinear Stochastic Switching Systems With Semi-Markovian Process and Application. IEEE Transactions on Cybernetics, 2022, 52, 9316-9325. | 9.5 | 92 |
| 18 | Fuzzy Integral Sliding-Mode Control for Nonlinear Semi-Markovian Switching Systems With Application. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1674-1683. | 9.3 | 73 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Memory-based event-triggered asynchronous control for semi-Markov switching systems. Applied Mathematics and Computation, 2022, 415, 126694. | 2.2 | 16 |
| 20 | Ultimate Boundedness Control for Networked Singularly Perturbed Systems With Deception Attacks: A Markovian Communication Protocol Approach. IEEE Transactions on Network Science and Engineering, 2022, 9, 445-456. | 6.4 | 51 |
| 21 | SMC for phase-type stochastic nonlinear semi-Markov jump systems. Nonlinear Dynamics, 2022, 108, 279-292. | 5.2 | 6 |
| 22 | Dissipativity-based resilient reliable sampled-data asynchronous control for interval-valued fuzzy systems with semi-Markovian hybrid fault coefficients. Nonlinear Dynamics, 2022, 107, 2215-2243. | 5.2 | 6 |
| 23 | Partially Mode-dependent Asynchronous Filtering of T-S Fuzzy MSRSNSs with Parameter Uncertainty. International Journal of Control, Automation and Systems, 2022, 20, 298-309. | 2.7 | 9 |
| 24 | Nonstationary Filtering for Fuzzy Markov Switching Affine Systems With Quantization Effects and Deception Attacks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 6545-6554. | 9.3 | 28 |
| 25 | Component-based dynamic event-triggered control for nonlinear singularly perturbed systems: A gain-scheduling method. Information Sciences, 2022, 593, 415-431. | 6.9 | 14 |
| 26 | Passive analysis and finite-time anti-disturbance control for semi-Markovian jump fuzzy systems with saturation and uncertainty. Applied Mathematics and Computation, 2022, 424, 127030. | 2.2 | 1 |
| 27 | Security SMC for Networked Fuzzy Singular Systems With Semi-Markov Switching Parameters. IEEE Access, 2022, 10, 45093-45101. | 4.2 | 1 |
| 28 | Asynchronous filtering of MSRSNSs with the event-triggered try-once-discard protocol and deception attacks. ISA Transactions, 2022, 131, 210-221. | 5.7 | 5 |
| 29 | Protocol-based filtering for fuzzy Markov affine systems with switching chain. Automatica, 2022, 141, 110321. | 5.0 | 66 |
| 30 | Peak-to-peak fuzzy filtering of nonlinear discrete-time systems with markov communication protocol. Information Sciences, 2022, 607, 361-376. | 6.9 | 10 |
| 31 | Protocol-Based Output-Feedback Control for Semi-Markov Jump Systems. IEEE Transactions on Automatic Control, 2022, 67, 4346-4353. | 5.7 | 63 |
| 32 | Protocol-Based Control for Semi-Markov Jump Systems With Dynamic Quantization. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 4428-4432. | 3.0 | 3 |
| 33 | Fuzzy Filter Design for Affine Systems with Sensor Faults: A Dynamic Event-Triggered Approach. Journal of Systems Science and Complexity, 2022, 35, 1761-1784. | 2.8 | 3 |
| 34 | Inputâ€“Output Finite-Time Sliding-Mode Control for Tâ€“S Fuzzy Systems With Application. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 5446-5455. | 9.3 | 23 |
| 35 | Asynchronous Output Feedback Control for a Class of Conic-Type Nonlinear Hidden Markov Jump Systems Within a Finite-Time Interval. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 7644-7651. | 9.3 | 81 |
| 36 | Synchronization for Quantized Semi-Markov Switching Neural Networks in a Finite Time. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 1264-1275. | 11.3 | 27 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Nonstationary Control for Tâ€“S Fuzzy Markovian Switching Systems With Variable Quantization Density. IEEE Transactions on Fuzzy Systems, 2021, 29, 1375-1385. | 9.8 | 88 |
| 38 | A Fuzzy Lyapunov Function Approach to Positive L<sub>1</sub> Observer Design for Positive Fuzzy Semi-Markovian Switching Systems With Its Application. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 775-785. | 9.3 | 41 |
| 39 | Reliable stability and stabilizability for complex-valued memristive neural networks with actuator failures and aperiodic event-triggered sampled-data control. Nonlinear Analysis: Hybrid Systems, 2021, 39, 100977. | 3.5 | 17 |
| 40 | Asynchronous filtering for nonhomogeneous Markov jumping systems with deception attacks. Applied Mathematics and Computation, 2021, 394, 125790. | 2.2 | 27 |
| 41 | Resilient asynchronous state estimation of Markov switching neural networks: A hierarchical structure approach. Neural Networks, 2021, 135, 29-37. | 5.9 | 19 |
| 42 | Resilient controller synthesis for Markovian jump systems with probabilistic faults and gain fluctuations under stochastic sampling operational mechanism. Applied Mathematics and Computation, 2021, 392, 125623. | 2.2 | 3 |
| 43 | Asynchronous quantized control of Markovian switching Lurâ€™e systems with event-triggered strategy. Journal of the Franklin Institute, 2021, 358, 1984-1998. | 3.4 | 8 |
| 44 | Security synchronization protocol for IT2 stochastic fuzzy multiplex complex networks via fuzzy hybrid control. ISA Transactions, 2021, 118, 94-105. | 5.7 | 7 |
| 45 | Nonstationary quantized control for discrete-time Markov jump singularly perturbed systems against deception attacks. Journal of the Franklin Institute, 2021, 358, 2915-2932. | 3.4 | 16 |
| 46 | Non-fragile<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si4.svg"><mml:msub><mml:mi mathvariant="script">H</mml:mi><mml:mi>âˆž</mml:mi></mml:msub></mml:math>SMC for Markovian jump systems in a finite-time. Journal of the Franklin Institute, 2021, 358, 4721-4740. | 3.4 | 31 |
| 47 | Robust fuzzy delayed sampled-data control for nonlinear active suspension systems with varying vehicle load and frequency-domain constraint. Nonlinear Dynamics, 2021, 105, 2265-2281. | 5.2 | 15 |
| 48 | Novel Inequalities to Global Mittagâ€“Leffler Synchronization and Stability Analysis of Fractional-Order Quaternion-Valued Neural Networks. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 3700-3709. | 11.3 | 27 |
| 49 | Stochastic exponential synchronization for delayed neural networks with semi-Markovian switchings: Saturated heterogeneous sampling communication. Nonlinear Analysis: Hybrid Systems, 2021, 41, 101028. | 3.5 | 14 |
| 50 | A Dynamic Event-Triggered Approach to State Estimation for Switched Memristive Neural Networks With Nonhomogeneous Sojourn Probabilities. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 4924-4934. | 5.4 | 107 |
| 51 | Asynchronous Quantized Control for Markov Switching Systems with Channel Fading. Studies in Systems, Decision and Control, 2021, , 241-263. | 1.0 | 1 |
| 52 | A hidden Markov model based control for periodic systems subject to singular perturbations. Systems and Control Letters, 2021, 157, 105059. | 2.3 | 49 |
| 53 | Hidden Markov Model-Based Nonfragile State Estimation of Switched Neural Network With Probabilistic Quantized Outputs. IEEE Transactions on Cybernetics, 2020, 50, 1900-1909. | 9.5 | 133 |
| 54 | Nonstationary <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si4.svg"><mml:mrow><mml:msub><mml:mi>l</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mo linebreak="goodbreak">â^’</mml:mo><mml:msub><mml:mi>l</mml:mi><mml:mi>âˆž</mml:mi></mml:msub></mml:mrow></mml:math> filtering for Markov switching repeated scalar nonlinear systems with randomly occurring nonlinearities. Applied Mathematics and Computation, 2020, 365, 124714. | 2.2 | 44 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Stability for delayed switched systems with Markov jump parameters and generally incomplete transition rates. Applied Mathematics and Computation, 2020, 365, 124718. | 2.2 | 12 |
| 56 | Event-driven finite-time control for continuous-time networked switched systems under cyber attacks. Journal of the Franklin Institute, 2020, 357, 11690-11709. | 3.4 | 41 |
| 57 | A new approach to generalized dissipativity analysis for fuzzy systems with coupling memory sampled-data control. Applied Mathematics and Computation, 2020, 368, 124774. | 2.2 | 6 |
| 58 | Non-fragile memory filtering of T-S fuzzy delayed neural networks based on switched fuzzy sampled-data control. Fuzzy Sets and Systems, 2020, 394, 40-64. | 2.7 | 233 |
| 59 | New result on reliable <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si11.svg"><mml:msub><mml:mi mathvariant="bold-script">H</mml:mi><mml:mi>âˆž</mml:mi></mml:msub></mml:math> performance state estimation for memory static neural networks with stochastic sampled-data communication. Applied Mathematics and Computation, 2020, 364, 124619. | 2.2 | 10 |
| 60 | Finite-time stabilization of Tâ€“S fuzzy semi-Markov switching systems: A coupling memory sampled-data control approach. Journal of the Franklin Institute, 2020, 357, 11265-11280. | 3.4 | 100 |
| 61 | Asynchronous Partially Mode-Dependent Filtering of Network-Based MSRSNSs With Quantized Measurement. IEEE Transactions on Cybernetics, 2020, 50, 3731-3739. | 9.5 | 28 |
| 62 | Quantized Nonstationary Filtering of Networked Markov Switching RSNSs: A Multiple Hierarchical Structure Strategy. IEEE Transactions on Automatic Control, 2020, 65, 4816-4823. | 5.7 | 144 |
| 63 | Quantized Fuzzy Finite-Time Control for Nonlinear Semi-Markov Switching Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 2622-2626. | 3.0 | 15 |
| 64 | Design of Hâˆž state estimator for delayed static neural networks under hybrid-triggered control and imperfect measurement strategy. Journal of the Franklin Institute, 2020, 357, 13231-13257. | 3.4 | 8 |
| 65 | Local input-to-state stabilization of time-delay systems subject to actuator saturation and external disturbance. Journal of the Franklin Institute, 2020, 357, 4154-4170. | 3.4 | 4 |
| 66 | Asynchronous dissipative filtering for nonhomogeneous Markov switching neural networks with variable packet dropouts. Neural Networks, 2020, 130, 229-237. | 5.9 | 16 |
| 67 | Static Output Feedback Control for Fuzzy Systems With Stochastic Fading Channel and Actuator Faults. IEEE Access, 2020, 8, 200714-200723. | 4.2 | 5 |
| 68 | Finite-time control for Markovian jump systems subject to randomly occurring quantization. Applied Mathematics and Computation, 2020, 385, 125402. | 2.2 | 4 |
| 69 | SMC for semi-Markov jump T-S fuzzy systems with time delay. Applied Mathematics and Computation, 2020, 374, 125001. | 2.2 | 10 |
| 70 | Non-fragile observer-based <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.svg"><mml:msub><mml:mi mathvariant="bold-script">H</mml:mi><mml:mi>âˆž</mml:mi></mml:msub></mml:math> finite-time sliding mode control. Applied Mathematics and Computation, 2020, 375, 125069. | 2.2 | 4 |
| 71 | New results on stabilization analysis for fuzzy semi-Markov jump chaotic systems with state quantized sampled-data controller. Information Sciences, 2020, 521, 231-250. | 6.9 | 60 |
| 72 | A hidden mode observation approach to finite-time SOFC of Markovian switching systems with quantization. Nonlinear Dynamics, 2020, 100, 509-521. | 5.2 | 83 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | A multiple hierarchical structure strategy to quantized control of Markovian switching systems. Applied Mathematics and Computation, 2020, 373, 125037. | 2.2 | 19 |
| 74 | Hybrid-driven finite-time Hâˆž sampling synchronization control for coupling memory complex networks with stochastic cyber attacks. Neurocomputing, 2020, 387, 241-254. | 5.9 | 101 |
| 75 | Extended dissipative asynchronous filtering for Tâ€“S fuzzy switched systems with partial transition descriptions and incomplete measurements. Nonlinear Analysis: Hybrid Systems, 2020, 37, 100906. | 3.5 | 11 |
| 76 | Novel methods to finite-time Mittag-Leffler synchronization problem of fractional-order quaternion-valued neural networks. Information Sciences, 2020, 526, 221-244. | 6.9 | 70 |
| 77 | Stability and stabilization for positive systems with semi-Markov switching. Applied Mathematics and Computation, 2020, 379, 125252. | 2.2 | 8 |
| 78 | Decentralized finite-time control for linear interconnected fractional-order systems with input saturation. Journal of the Franklin Institute, 2020, 357, 6137-6153. | 3.4 | 8 |
| 79 | Adaptive Fuzzy Backstepping-Based Formation Control of Unmanned Surface Vehicles With Unknown Model Nonlinearity and Actuator Saturation. IEEE Transactions on Vehicular Technology, 2020, 69, 14749-14764. | 6.3 | 100 |
| 80 | Properties of a novel stochastic rockâ€“paperâ€“scissors dynamics. Journal of Applied Mathematics and Computing, 2020, 63, 341-359. | 2.5 | 1 |
| 81 | Stochastic stability and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msub><mml:mrow><mml:mi mathvariant="script">L</mml:mi></mml:mrow><mml:mrow><mml:mn>1</mml:mn></mml:mrow></mml:msub></mml:math>gain analysis for positive nonlinear semi-Markov jump systems with time-varying delay via T-S fuzzy model approach. Fuzzy Sets and Systems, 2019, 371, 110-122. | 2.7 | 29 |
| 82 | Stochastic finite-time Hâˆž filtering for nonlinear Markovian jump systems with partly known transition probabilities. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2019, 233, 31-43. | 1.0 | 7 |
| 83 | Static output feedback control of switched systems with quantization: A nonhomogeneous sojourn probability approach. International Journal of Robust and Nonlinear Control, 2019, 29, 5992-6005. | 3.7 | 84 |
| 84 | Event-triggered passive control for Markovian jump discrete-time systems with incomplete transition probability and unreliable channels. Journal of the Franklin Institute, 2019, 356, 8093-8117. | 3.4 | 26 |
| 85 | A New Memristive Chaotic System and the Generated Random Sequence. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2019, E102.A, 665-667. | 0.3 | 3 |
| 86 | Finite-time boundedness of state estimation for semi-Markovian jump systems with distributed leakage delay and linear fractional uncertainties. International Journal of Systems Science, 2019, 50, 2362-2384. | 5.5 | 7 |
| 87 | A new result on stability analysis for discrete system with interval time-varying delays. Advances in Difference Equations, 2019, 2019, . | 3.5 | 4 |
| 88 | Robust finite-time stabilization for positive delayed semi-Markovian switching systems. Applied Mathematics and Computation, 2019, 351, 139-152. | 2.2 | 23 |
| 89 | Further improved results on non-fragile Hâˆž performance state estimation for delayed static neural networks. Neurocomputing, 2019, 356, 9-20. | 5.9 | 21 |
| 90 | Stochastic synchronization of semi-Markovian jump chaotic Lurâ€™e systems with packet dropouts subject to multiple sampling periods. Journal of the Franklin Institute, 2019, 356, 6899-6925. | 3.4 | 14 |

| # | Article | IF | Citations |
|---|---|---|---|
| 91 | Reachable set estimation for linear systems with time-varying delay and polytopic uncertainties. Journal of the Franklin Institute, 2019, 356, 7322-7346. | 3.4 | 14 |
| 92 | Stability analysis of fractional-order linear system with time delay described by the Caputoâ€“Fabrizio derivative. Advances in Difference Equations, 2019, 2019, . | 3.5 | 4 |
| 93 | Decentralized static output feedback sliding mode control for interconnected descriptor systems via linear sliding variable. Applied Mathematics and Computation, 2019, 357, 185-198. | 2.2 | 15 |
| 94 | Finite-time asynchronous Hâˆž resilient filtering for switched delayed neural networks with memory unideal measurements. Information Sciences, 2019, 487, 156-175. | 6.9 | 39 |
| 95 | New Results on Stability Analysis for Delayed Markovian Generalized Neural Networks With Partly Unknown Transition Rates. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 3384-3395. | 11.3 | 21 |
| 96 | Robust Stochastic Sampled-data-based Output Consensus of Heterogeneous Multi-agent Systems Subject to Random DoS Attack: A Markovian Jumping System Approach. International Journal of Control, Automation and Systems, 2019, 17, 1687-1698. | 2.7 | 29 |
| 97 | Exponential synchronization of delayed memristor-based neural networks with stochastic perturbation via nonlinear control. Neurocomputing, 2019, 340, 90-98. | 5.9 | 10 |
| 98 | Stability Analysis of a Fractional-Order Linear System Described by the Caputoâ€“Fabrizio Derivative. Mathematics, 2019, 7, 200. | 2.2 | 38 |
| 99 | $H_{infty}$ control for T-S fuzzy systems with aperiodic sampling. , 2019, , . | | 0 |
| 100 | The passivity of neural networks with time-varying delay. , 2019, , . | | 0 |
| 101 | New reliable nonuniform sampling control for uncertain chaotic neural networks under Markov switching topologies. Applied Mathematics and Computation, 2019, 347, 169-193. | 2.2 | 120 |
| 102 | Extended dissipative resilient estimator design for discrete-time switched neural networks with unreliable links. Nonlinear Analysis: Hybrid Systems, 2019, 32, 19-36. | 3.5 | 20 |
| 103 | <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msub><mml:mi mathvariant="script">L</mml:mi><mml:mn>1</mml:mn></mml:msub></mml:math>finite-time stabilization for positive semi-Markovian switching systems. Information Sciences, 2019, 477, 321-333. | 6.9 | 18 |
| 104 | An extended synchronization analysis for memristor-based coupled neural networks via aperiodically intermittent control. Applied Mathematics and Computation, 2019, 344-345, 163-182. | 2.2 | 10 |
| 105 | Finite-time synchronization control for semi-Markov jump neural networks with mode-dependent stochastic parametric uncertainties. Applied Mathematics and Computation, 2019, 344-345, 230-242. | 2.2 | 27 |
| 106 | Nonfragile<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll" id="d1e686" altimg="si2.gif"><mml:msub><mml:mrow><mml:mi mathvariant="script">H</mml:mi></mml:mrow><mml:mrow><mml:mi>âˆž</mml:mi></mml:mrow></mml:msub></mml:math>control for periodic stochastic systems with probabilistic measurement. ISA Transactions, 2019, 86, 39-47. | 5.7 | 7 |
| 107 | Anti-Windup Design for Saturated Semi-Markovian Switching Systems With Stochastic Disturbance. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 1187-1191. | 3.0 | 32 |
| 108 | New Stability Criteria of Discrete Systems With Time-Varying Delays. IEEE Access, 2019, 7, 1677-1684. | 4.2 | 9 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | An Event-Based Asynchronous Approach to Markov Jump Systems With Hidden Mode Detections and Missing Measurements. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1749-1758. | 9.3 | 144 |
| 110 | A flexible terminal approach to stochastic stability and stabilization of continuous-time semi-Markovian jump systems with time-varying delay. Applied Mathematics and Computation, 2019, 342, 191-205. | 2.2 | 24 |
| 111 | Extended robust global exponential stability for uncertain switched memristor-based neural networks with time-varying delays. Applied Mathematics and Computation, 2018, 325, 271-290. | 2.2 | 32 |
| 112 | Fuzzy-model-based Hâˆž control for discrete-time switched systems with quantized feedback and unreliable links. Information Sciences, 2018, 436-437, 181-196. | 6.9 | 45 |
| 113 | Simultaneous Finite-Time Control and Fault Detection for Singular Markovian Jump Delay Systems with Average Dwell Time Constraint. Circuits, Systems, and Signal Processing, 2018, 37, 5279-5310. | 2.0 | 10 |
| 114 | Finite-time event-triggered control and fault detection for singular Markovian jump mixed delay systems under asynchronous switching. Advances in Difference Equations, 2018, 2018, . | 3.5 | 3 |
| 115 | An Asynchronous Operation Approach to Event-Triggered Control for Fuzzy Markovian Jump Systems With General Switching Policies. IEEE Transactions on Fuzzy Systems, 2018, 26, 6-18. | 9.8 | 234 |
| 116 | Stochastic permanence of two impulsive stochastic delay single species systems incorporating predation term. Journal of Applied Mathematics and Computing, 2018, 56, 691-713. | 2.5 | 6 |
| 117 | Holistic adjustable delay interval method-based stability and generalized dissipativity analysis for delayed recurrent neural networks. Neurocomputing, 2018, 275, 488-498. | 5.9 | 2 |
| 118 | Exponential stability and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msub><mml:mi mathvariant="bold-script">L</mml:mi><mml:mn>1</mml:mn></mml:msub></mml:math>-gain analysis for positive time-delay Markovian jump systems with switching transition rates subject to average dwell time. Information Sciences, 2018, 424, 224-234. | 6.9 | 63 |
| 119 | Novel inequality with application to improve the stability criterion for dynamical systems with two additive time-varying delays. Applied Mathematics and Computation, 2018, 321, 672-688. | 2.2 | 38 |
| 120 | A Flexible Terminal Approach to Sampled-Data Exponentially Synchronization of Markovian Neural Networks With Time-Varying Delayed Signals. IEEE Transactions on Cybernetics, 2018, 48, 2232-2244. | 9.5 | 162 |
| 121 | Extended dissipative estimator design for uncertain switched delayed neural networks via a novel triple integral inequality. Applied Mathematics and Computation, 2018, 335, 82-102. | 2.2 | 17 |
| 122 | Fuzzy model-based nonfragile control of switched discrete-time systems. Nonlinear Dynamics, 2018, 93, 2461-2471. | 5.2 | 50 |
| 123 | Further Results on Reachable Set Bounding for Discrete-Time System with Time-Varying Delay and Bounded Disturbance Inputs. Complexity, 2018, 2018, 1-11. | 1.6 | 0 |
| 124 | Quantized <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msub><mml:mi mathvariant="bold-script">H</mml:mi><mml:mi>âˆž</mml:mi></mml:msub></mml:math> filtering for switched linear parameter-varying systems with sojourn probabilities and unreliable communication channels. Information Sciences, 2018, 466, 289-302. | 6.9 | 106 |
| 125 | Synchronization of stochastic complex networks with discrete-time and distributed coupling delayed via hybrid nonlinear and impulsive control. Chaos, Solitons and Fractals, 2018, 114, 381-393. | 5.1 | 11 |
| 126 | Sampledâ€data synchronisation for memristive neural networks with multiple timeâ€varying delays via extended convex combination method. IET Control Theory and Applications, 2018, 12, 922-932. | 2.1 | 9 |

| # | Article | IF | Citations |
|---|---|---|---|
| 127 | Robust <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msub><mml:mi mathvariant="bold-script">H</mml:mi><mml:mi>â^ž</mml:mi></mml:msub></mml:math> control for nonhomogeneous Markovian jump systems subject to quantized feedback and probabilistic measurements. Journal of the Franklin Institute, 2018, 355, 6992-7010. | 3.4 | 28 |
| 128 | Synchronization of multi-stochastic-link complex networks via aperiodically intermittent control with two different switched periods. Physica A: Statistical Mechanics and Its Applications, 2018, 509, 20-38. | 2.6 | 11 |
| 129 | Finite-time <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msub><mml:mrow><mml:mi mathvariant="script">H</mml:mi></mml:mrow><mml:mrow><mml:mo>â^ž</mml:mo></mml:mrow></mml:msub></mml:math> fuzzy control of nonlinear Markovian jump delayed systems with partly uncertain transition descriptions. Fuzzy Sets and Systems, 2017, 314, 99-115. | 2.7 | 13 |
| 130 | Cluster synchronization of linearly coupled complex networks via linear and adaptive feedback pinning controls. Nonlinear Dynamics, 2017, 88, 859-870. | 5.2 | 40 |
| 131 | Static output feedback control of nonhomogeneous Markovian jump systems with asynchronous time delays. Information Sciences, 2017, 399, 219-238. | 6.9 | 120 |
| 132 | Exponential synchronization of memristor-based neural networks with time-varying delay and stochastic perturbation. Neurocomputing, 2017, 242, 131-139. | 5.9 | 28 |
| 133 | New results on H â^ž filtering for Markov jump systems with uncertain transition rates. ISA Transactions, 2017, 69, 43-50. | 5.7 | 19 |
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