

# Shengyuan Xu

## 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.

247  
papers

10,568  
citations

53  
h-index

96  
g-index

260  
ext. papers

13,133  
ext. citations

4.5  
avg, IF

7.17  
L-index

| #   | Paper   | IF   | Citations |
|-----|---|------|-----------|
| 247 | Practical Stability and Event-Triggered Load Frequency Control of Networked Power Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2022</b> , 1-9                                   | 7.3  |           |
| 246 | Distributed Robust Nash Equilibrium Computation with Uncertain Dynamics and Disturbances. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2022</b> , 1-1   | 4.9  | 1         |
| 245 | Improvement on reciprocally convex combination lemma and quadratic function negative-definiteness lemma. <i>Journal of the Franklin Institute</i> , <b>2022</b> , 359, 1347-1360                                    | 4    | 1         |
| 244 | Global stabilization of stochastic feedforward low-order nonlinear systems with time delays and unknown control directions. <i>International Journal of Robust and Nonlinear Control</i> , <b>2022</b> , 32, 1687   | 3.6  | 0         |
| 243 | Further results on stabilization for neutral singular Markovian jump systems with mixed interval time-varying delays. <i>Applied Mathematics and Computation</i> , <b>2022</b> , 420, 126884                        | 2.7  | 1         |
| 242 | Adaptive output feedback control for large-scale time-delay systems with output-dependent uncertain growth rate. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2022</b> , 36, 965-979 | 2.8  | 2         |
| 241 | Adaptive neural finite-time control of nonlinear systems subject to sensor hysteresis. <i>Journal of the Franklin Institute</i> , <b>2022</b> , 359, 2932-2932  | 4    | 0         |
| 240 | Practical stability of a nonlinear system with delayed control input. <i>Applied Mathematics and Computation</i> , <b>2022</b> , 423, 127008  | 2.7  | 0         |
| 239 | New results on stabilization for neutral type descriptor hybrid systems with time-varying delays. <i>Nonlinear Analysis: Hybrid Systems</i> , <b>2022</b> , 45, 101172  | 4.5  | 0         |
| 238 | Adaptive quantitative control for robust H <sub>2</sub> synchronization between multiplex neural networks under stochastic cyber attacks. <i>Neurocomputing</i> , <b>2022</b> , 493, 129-142                        | 5.4  | 0         |
| 237 | Sampled-data practical tracking control for nonlinear time-delay systems. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 1-1   | 3.5  | 1         |
| 236 | Global stabilisation for a class of stochastic continuous non-linear systems with time-varying delay. <i>IET Control Theory and Applications</i> , <b>2021</b> , 15, 297-306  | 2.5  | 1         |
| 235 | Cooperative Output Regulation Problem of Nonlinear Multiagent Systems With Proximity Graph via Output Feedback Control. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , 51, 4201-4211                       | 10.2 | 0         |
| 234 | Asynchronous observer-based finite-time control for nonlinear Markovian jump systems with time-varying delays. <i>Nonlinear Dynamics</i> , <b>2021</b> , 104, 509-521   | 5    | 1         |
| 233 | Adaptive finite-time event-triggered control for nonlinear systems with quantized input signals. <i>International Journal of Robust and Nonlinear Control</i> , <b>2021</b> , 31, 4764-4781                         | 3.6  | 4         |
| 232 | New reliable H <sub>∞</sub> filter design for singular Markovian jump time-delay systems with sensor failures. <i>International Journal of Robust and Nonlinear Control</i> , <b>2021</b> , 31, 4361-4377           | 3.6  | 3         |
| 231 | Asynchronous finite-time state estimation for semi-Markovian jump neural networks with randomly occurred sensor nonlinearities. <i>Neurocomputing</i> , <b>2021</b> , 432, 240-249                                  | 5.4  | 3         |

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| 230 | Global practical tracking for nonlinear systems with uncertain dead-zone input via output feedback. <i>Journal of the Franklin Institute</i> , <b>2021</b> , 358, 2987-3009   | 4    | 5  |
| 229 | Global finite-time control for stochastic continuous nonlinear systems with FT-SISS inverse dynamics and unknown control coefficients. <i>International Journal of Robust and Nonlinear Control</i> , <b>2021</b> , 31, 5618-5634 | 3.6  | 0  |
| 228 | Nonfragile Quantized $H_\infty$ Filtering for Discrete-Time Switched T $\Sigma$ Fuzzy Systems With Local Nonlinear Models. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 29, 1507-1517                                | 8.3  | 13 |
| 227 | Distributed Mirror Descent for Online Composite Optimization. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 66, 714-729   | 5.9  | 4  |
| 226 | Adaptive Finite-Time Stabilization of Stochastic Nonlinear Systems Subject to Full-State Constraints and Input Saturation. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 66, 1306-1313                            | 5.9  | 53 |
| 225 | Command-Filter-Based Finite-Time Adaptive Control for Nonlinear Systems With Quantized Input. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 66, 2339-2344   | 5.9  | 10 |
| 224 | Stochastic Strongly Convex Optimization via Distributed Epoch Stochastic Gradient Algorithm. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2021</b> , 32, 2344-2357                                       | 10.3 | 4  |
| 223 | . <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2021</b> , 68, 818-828  | 3.9  | 11 |
| 222 | Event-triggered filtering for discrete-time Markovian jump systems with additive time-varying delays. <i>Applied Mathematics and Computation</i> , <b>2021</b> , 391, 125630  | 2.7  | 11 |
| 221 | Finite-Time Coverage Control for Multiagent Systems With Unidirectional Motion on a Closed Curve. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , 51, 3071-3078   | 10.2 | 1  |
| 220 | Finite-Time Almost Sure Stability of a Markov Jump Fuzzy System With Delayed Inputs. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 1-1  | 8.3  | 2  |
| 219 | . <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 1-1   | 3.5  | 1  |
| 218 | Distributed Quantized Consensus with Recursive Channel Filters over Directed Networks. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 1-1  | 3.5  | 1  |
| 217 | Observer-Based NN Control for Nonlinear Systems With Full-State Constraints and External Disturbances. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2021</b> , PP,                                       | 10.3 | 4  |
| 216 | . <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 1-9  | 7.3  | 0  |
| 215 | Quantized Guaranteed Cost Output Feedback Control for Nonlinear Networked Control Systems and Its Applications. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 1-1   | 8.3  | 6  |
| 214 | Finite-Time Fuzzy Control for Nonlinear Singularly Perturbed Systems With Input Constraints. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 1-1  | 8.3  | 4  |
| 213 | Nonfragile $H_\infty$ Control for Uncertain Takagi-Sugeno Fuzzy Systems Under Digital Communication Channels and Its Application. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 1-10         | 7.3  | 3  |

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|-----|---|------|----|
| 212 | Fuzzy-Approximation Adaptive Prescribed Performance Output Regulation for Uncertain Nonlinear Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 1-11                              | 7.3  | 1  |
| 211 | Adaptive Stabilization of Uncertain Nonlinear Systems Under Output Constraint. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 1-10  | 7.3  | 0  |
| 210 | Differentially Private Distributed Nash Equilibrium Seeking for Aggregative Games. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 1-1  | 5.9  | 6  |
| 209 | Exact delay bounds of second-order multi-agent systems with input and communication delays: from algebra and geometric prospective. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 1-1 | 3.5  | 3  |
| 208 | Further results on delay-dependent H <sub>∞</sub> filtering for singular systems with interval time-varying delays. <i>Optimal Control Applications and Methods</i> , <b>2021</b> , 42, 1001-1015                           | 1.7  | 1  |
| 207 | Reachable set estimation and controller design for discrete-time singularly perturbed systems with time-varying delay. <i>International Journal of Robust and Nonlinear Control</i> , <b>2021</b> , 31, 7207-7218           | 3.6  | 1  |
| 206 | Exponential admissibility of neutral singular systems with mixed interval time-varying delays. <i>Journal of the Franklin Institute</i> , <b>2021</b> , 358, 6723-6740  | 4    | 2  |
| 205 | Stability analysis for delayed neural networks via an improved negative-definiteness lemma. <i>Information Sciences</i> , <b>2021</b> , 576, 756-768  | 7.7  | 0  |
| 204 | A novel dependent Lyapunov function and its application to singularly perturbed systems. <i>Automatica</i> , <b>2021</b> , 133, 109749  | 5.7  | 1  |
| 203 | Consensusability of First-Order Multiagent Systems Under Distributed PID Controller With Time Delay. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2021</b> , PP,                                   | 10.3 | 4  |
| 202 | Stability of discrete-time systems with time-varying delay via a novel Lyapunov-Krasovskii functional. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 4779-4788                           | 3.6  | 3  |
| 201 | Quasi-time-dependent asynchronous filtering for discrete time switched systems via the event triggering mechanism. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 4633-4651               | 3.6  | 5  |
| 200 | Asynchronous nonfragile H <sub>∞</sub> filtering for discrete-time nonlinear switched systems with quantization. <i>Nonlinear Analysis: Hybrid Systems</i> , <b>2020</b> , 37, 100911                                       | 4.5  | 8  |
| 199 | Adaptive Tracking Control for Stochastic Nonlinear Systems with Full-State Constraints and Unknown Covariance Noise. <i>Applied Mathematics and Computation</i> , <b>2020</b> , 385, 125397                                 | 2.7  | 11 |
| 198 | Command-filter-based adaptive tracking control for nonlinear systems with unknown input quantization and mismatching disturbances. <i>Applied Mathematics and Computation</i> , <b>2020</b> , 377, 125161                   | 2.7  | 7  |
| 197 | Stability analysis of neutral systems with mixed interval time-varying delays and nonlinear disturbances. <i>Journal of the Franklin Institute</i> , <b>2020</b> , 357, 3721-3740   | 4    | 12 |
| 196 | Nonfragile H <sub>∞</sub> observer design for uncertain nonlinear switched systems with quantization. <i>Applied Mathematics and Computation</i> , <b>2020</b> , 386, 125435  | 2.7  | 2  |
| 195 | Reliable filter design for discrete-time neural networks with Markovian jumping parameters and time-varying delay. <i>Journal of the Franklin Institute</i> , <b>2020</b> , 357, 2892-2915                                  | 4    | 16 |

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| 194 | A Novel Connectivity-Preserving Control Design for Rendezvous Problem of Networked Uncertain Nonlinear Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2020</b> , 31, 5127-5137                      | 10.3 | 4  |
| 193 | Robust Tracking Control of Robot Manipulators With Actuator Faults and Joint Velocity Measurement Uncertainty. <i>IEEE/ASME Transactions on Mechatronics</i> , <b>2020</b> , 25, 1354-1365  | 5.5  | 39 |
| 192 | Adaptive neural network tracking control for uncertain nonlinear systems with input delay and saturation. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 2593-2610                                | 3.6  | 10 |
| 191 | Global Social Cost Minimization With Possibly Nonconvex Objective Functions: An Extremum Seeking-Based Approach. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 1-10                            | 7.3  | 2  |
| 190 | An extremum seeking-based approach for Nash equilibrium seeking in N-cluster noncooperative games. <i>Automatica</i> , <b>2020</b> , 114, 108815  | 5.7  | 24 |
| 189 | Finite-time stabilization for a class of stochastic low-order nonlinear systems with unknown control coefficients. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 2386-2398                       | 3.6  | 6  |
| 188 | ( $\varvec{p}$ )th moment stochastic exponential anti-synchronization of delayed complex-valued neural networks. <i>Nonlinear Dynamics</i> , <b>2020</b> , 100, 1257-1274   | 5    | 3  |
| 187 | . <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2020</b> , 67, 3099-3112  | 3.9  | 38 |
| 186 | Improved Stability Criteria for Delayed Neural Networks Using a Quadratic Function Negative-Definiteness Approach. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2020</b> , PP,                             | 10.3 | 8  |
| 185 | Output feedback robust stabilisation for uncertain non-linear systems with dead-zone input. <i>IET Control Theory and Applications</i> , <b>2020</b> , 14, 1828-1836  | 2.5  | 4  |
| 184 | Variable-Gain Second-Order Sliding Mode Controller With Globally Fixed-Time Stability Guarantees. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2020</b> , 67, 1414-1418                                 | 3.5  | 6  |
| 183 | Extended Dissipativity-Based Control for Hidden Markov Jump Singularly Perturbed Systems Subject to General Probabilities. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 1-10                  | 7.3  | 3  |
| 182 | Passivity-Based Control for Hidden Markov Jump Systems With Singular Perturbations and Partially Unknown Probabilities. <i>IEEE Transactions on Automatic Control</i> , <b>2020</b> , 65, 3701-3706                                 | 5.9  | 34 |
| 181 | Robust Exact Predictive Scheme for Output-Feedback Control of Input-Delay Systems With Unmatched Sinusoidal Disturbances. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 1-10                   | 7.3  | 2  |
| 180 | Adaptive Finite-Time Control for High-Order Nonlinear Systems With Multiple Uncertainties and its Application. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2020</b> , 67, 1752-1761                     | 3.9  | 13 |
| 179 | Globally Fixed-Time High-Order Sliding Mode Control for New Sliding Mode Systems Subject to Mismatched Terms and Its Application. <i>IEEE Transactions on Industrial Electronics</i> , <b>2020</b> , 67, 10776-10786                | 8.9  | 7  |
| 178 | Event-Triggered Adaptive Neural Network Control for Nonstrict-Feedback Nonlinear Time-Delay Systems With Unknown Control Directions. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2020</b> , 31, 4196-4205 | 10.3 | 20 |
| 177 | Finite-time adaptive control of high-order nonlinear systems with unknown control coefficients and actuator fault. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 7750-7765                       | 3.6  | 1  |

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|-----|---|------|----|
| 176 | Distributed event-based consensus disturbance rejection with parameter uncertainties. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 8159-8173                                    | 3.6  | 1  |
| 175 | Observer-based tracking control for constrained nonlinear systems with mismatching disturbances and its application. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 8485-8502     | 3.6  | 4  |
| 174 | Barrier Lyapunov function-based tracking control for stochastic nonlinear systems with full-state constraints and input saturation. <i>Journal of the Franklin Institute</i> , <b>2020</b> , 357, 12414-12432       | 4    | 3  |
| 173 | Consensus Switching of Second-Order Multiagent Systems With Time Delay. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , PP,   | 10.2 | 20 |
| 172 | Rendezvous With Connectivity Preservation Problem of Linear Multiagent Systems via Parallel Event-Triggered Control Strategies. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , PP,                         | 10.2 | 2  |
| 171 | HMM-based H <sub>∞</sub> filtering for Markov jump systems with partial information and sensor nonlinearities. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 6891-6908           | 3.6  | 3  |
| 170 | Practical Stabilization of Networked Takagi-Sugeno Fuzzy Systems via Improved Jensen Inequalities. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , PP,  | 10.2 | 2  |
| 169 | Practically Finite-Time Control for Nonlinear Systems With Mismatching Conditions and Application to a Robot System. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 480-489 | 7.3  | 11 |
| 168 | Global Fixed-Time Consensus Tracking of Nonlinear Uncertain Multiagent Systems With High-Order Dynamics. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 1530-1540                                      | 10.2 | 33 |
| 167 | Distributed Observer-Based Consensus Over Directed Networks With Limited Communication Bandwidth Constraints. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 5361-5368      | 7.3  | 5  |
| 166 | Stability Analysis for Delayed Neural Networks With an Improved General Free-Matrix-Based Integral Inequality. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2020</b> , 31, 675-684         | 10.3 | 28 |
| 165 | Further Results on Adaptive Stabilization of High-Order Stochastic Nonlinear Systems Subject to Uncertainties. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2020</b> , 31, 225-234         | 10.3 | 21 |
| 164 | H-Infinity Load Frequency Control of Networked Power Systems via an Event-Triggered Scheme. <i>IEEE Transactions on Industrial Electronics</i> , <b>2020</b> , 67, 7104-7113  | 8.9  | 48 |
| 163 | Improved criteria for the stabilization of T-S fuzzy systems with actuator failures via a sampled-data fuzzy controller. <i>Fuzzy Sets and Systems</i> , <b>2020</b> , 392, 154-169                                 | 3.7  | 15 |
| 162 | Multiobjective Fault-Tolerant Control for Fuzzy Switched Systems With Persistent Dwell Time and Its Application in Electric Circuits. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2020</b> , 28, 2335-2347       | 8.3  | 66 |
| 161 | Robust Fixed-Time Consensus Tracking Control of High-Order Multiple Nonholonomic Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 1-12                                   | 7.3  | 14 |
| 160 | Push-Sum Distributed Online Optimization With Bandit Feedback. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , PP,  | 10.2 | 2  |
| 159 | Global High-Order Sliding Mode Controller Design Subject to Mismatched Terms: Application to Buck Converter. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2019</b> , 66, 4840-4849       | 3.9  | 7  |



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| 158 | Rendezvous problem of multiple linear uncertain systems under state-dependent dynamic networks. <i>Journal of the Franklin Institute</i> , <b>2019</b> , 356, 8325-8343  | 4   |    |
| 157 | Observer-based decentralized control of large-scale stochastic high-order feedforward systems with multi time delays. <i>Journal of the Franklin Institute</i> , <b>2019</b> , 356, 9627-9645                                | 4   | 9  |
| 156 | Fuzzy-Model-Based $H_{\infty}$ Control for Markov Jump Nonlinear Slow Sampling Singularly Perturbed Systems With Partial Information. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2019</b> , 27, 1952-1962                | 8.3 | 44 |
| 155 | Globally adaptive control for stochastic nonlinear time-delay systems with perturbations and its application. <i>Automatica</i> , <b>2019</b> , 102, 105-110   | 5.7 | 60 |
| 154 | Adaptive output feedback tracking of nonlinear systems with uncertain nonsymmetric dead-zone input. <i>ISA Transactions</i> , <b>2019</b> , 95, 35-44  | 5.5 | 17 |
| 153 | Sampled-data controller design and stability analysis for nonlinear systems with input saturation and disturbances. <i>Applied Mathematics and Computation</i> , <b>2019</b> , 360, 14-27                                    | 2.7 | 9  |
| 152 | Synchronization control for Markov jump neural networks subject to HMM observation and partially known detection probabilities. <i>Applied Mathematics and Computation</i> , <b>2019</b> , 360, 1-13                         | 2.7 | 19 |
| 151 | Adaptive backstepping control for strict-feedback non-linear systems with input delay and disturbances. <i>IET Control Theory and Applications</i> , <b>2019</b> , 13, 506-516   | 2.5 | 15 |
| 150 | Adaptive finite-time stabilization of nonlinearly parameterized systems subject to mismatching disturbances. <i>International Journal of Robust and Nonlinear Control</i> , <b>2019</b> , 29, 3469-3484                      | 3.6 | 9  |
| 149 | Non-fragile delay feedback control for neutral stochastic Markovian jump systems with time-varying delays. <i>Applied Mathematics and Computation</i> , <b>2019</b> , 355, 21-32   | 2.7 | 42 |
| 148 | Distributed event-triggered containment control for dynamical multiagent networks. <i>International Journal of Robust and Nonlinear Control</i> , <b>2019</b> , 29, 2223-2235  | 3.6 | 8  |
| 147 | Resilient Asynchronous $H_{\infty}$ Control for Discrete-Time Markov Jump Singularly Perturbed Systems Based on Hidden Markov Model. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2019</b> , 1-10 | 7.3 | 15 |
| 146 | Circle Formation Control of Mobile Agents With Limited Interaction Range. <i>IEEE Transactions on Automatic Control</i> , <b>2019</b> , 64, 2115-2121  | 5.9 | 8  |
| 145 | Event-triggered filter design for Markovian jump delay systems with nonlinear perturbation using quantized measurement. <i>International Journal of Robust and Nonlinear Control</i> , <b>2019</b> , 29, 4644-4664           | 3.6 | 17 |
| 144 | Global adaptive finite-time control for uncertain nonlinear systems with actuator faults and unknown control directions. <i>Nonlinear Dynamics</i> , <b>2019</b> , 97, 2533-2545   | 5   | 13 |
| 143 | A neural composite dynamic surface control for pure-feedback systems with unknown control gain signs and full state constraints. <i>International Journal of Robust and Nonlinear Control</i> , <b>2019</b> , 29, 5720-5743  | 3.6 | 7  |
| 142 | Distributed finite-time control for spatially interconnected systems. <i>IET Control Theory and Applications</i> , <b>2019</b> , 13, 1786-1795   | 2.5 | 1  |
| 141 | Stability analysis of systems with time-varying delay: a quadratic-partitioning method. <i>IET Control Theory and Applications</i> , <b>2019</b> , 13, 3184-3189   | 2.5 | 29 |

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| 140 | Global Adaptive Control for Uncertain Nonlinear Systems With Sensor and Actuator Faults. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2019</b> , 1-8  | 7.3  | 2   |
| 139 | Stability Analysis for Neural Networks With Time-Varying Delay via Improved Techniques. <i>IEEE Transactions on Cybernetics</i> , <b>2019</b> , 49, 4495-4500  | 10.2 | 63  |
| 138 | Model reference tracking control for spatially interconnected discrete-time systems with interconnected chains. <i>Applied Mathematics and Computation</i> , <b>2019</b> , 340, 50-62  | 2.7  | 5   |
| 137 | Adaptive cooperative output regulation of nonlinear multiagent systems with arbitrarily large parametric uncertainties and an uncertain leader. <i>International Journal of Robust and Nonlinear Control</i> , <b>2019</b> , 29, 1680-1693 | 3.6  | 1   |
| 136 | Global second-order sliding mode control for nonlinear uncertain systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2019</b> , 29, 224-237   | 3.6  | 19  |
| 135 | Stability analysis of discrete-time neural networks with an interval-like time-varying delay. <i>Neurocomputing</i> , <b>2019</b> , 329, 248-254   | 5.4  | 18  |
| 134 | Robust non-fragile $H_\infty$ fault detection filter design for delayed singular Markovian jump systems with linear fractional parametric uncertainties. <i>Nonlinear Analysis: Hybrid Systems</i> , <b>2019</b> , 32, 65-78               | 4.5  | 32  |
| 133 | Observer-based mixed passive and $H_\infty$ control for uncertain Markovian jump systems with time delays using quantized measurements. <i>Nonlinear Analysis: Hybrid Systems</i> , <b>2019</b> , 31, 233-246                              | 4.5  | 26  |
| 132 | Output-Feedback Control for Stochastic Nonlinear Systems Subject to Input Saturation and Time-Varying Delay. <i>IEEE Transactions on Automatic Control</i> , <b>2019</b> , 64, 359-364   | 5.9  | 101 |
| 131 | Realizability Condition for Digital Filters With Time Delay Using Generalized Overflow Arithmetic. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2019</b> , 66, 141-145   | 3.5  | 16  |
| 130 | Adaptive Neural Dynamic Surface Control for Nonstrict-Feedback Systems With Output Dead Zone. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2018</b> , 29, 5200-5213   | 10.3 | 48  |
| 129 | Robust predictive scheme for input delay systems subject to nonlinear disturbances. <i>Nonlinear Dynamics</i> , <b>2018</b> , 93, 1035-1045  | 5    | 8   |
| 128 | Slow State Variables Feedback Stabilization for Semi-Markov Jump Systems With Singular Perturbations. <i>IEEE Transactions on Automatic Control</i> , <b>2018</b> , 63, 2709-2714  | 5.9  | 344 |
| 127 | Adaptive finite-time control for stochastic nonlinear systems subject to unknown covariance noise. <i>Journal of the Franklin Institute</i> , <b>2018</b> , 355, 2645-2661   | 4    | 15  |
| 126 | Distributed containment control for nonlinear multiagent systems in pure-feedback form. <i>International Journal of Robust and Nonlinear Control</i> , <b>2018</b> , 28, 2742-2758   | 3.6  | 18  |
| 125 | Dissipative controller design for uncertain neutral systems with semi-Markovian jumping parameters. <i>Optimal Control Applications and Methods</i> , <b>2018</b> , 39, 888-903  | 1.7  | 7   |
| 124 | Robust approximation-based adaptive control of multiple state delayed nonlinear systems with unmodeled dynamics. <i>International Journal of Robust and Nonlinear Control</i> , <b>2018</b> , 28, 3303-3323                                | 3.6  | 6   |
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