

Ge Song

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.

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|--------------------|--------------------------|----------------|-----------------|
| 360 papers | 14,389 citations | 64 h-index | 107 g-index |
| 412 ext. papers | 17,162 ext. citations | 4.1 avg, IF | 7.56 L-index |

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 360 | A Universal Method for Constructing N-Port Reconfigurable Non-Blocking Optical Switches on a Silicon Chip. <i>IEEE Access</i> , 2022 , 10, 1850-1859 | 3.5 | |
| 359 | Semi-global Periodic Event-triggered Output Regulation for Nonlinear Multi-agent Systems. <i>IEEE Transactions on Automatic Control</i> , 2022 , 1-1 | 5.9 | 1 |
| 358 | A nonlinear observer-based approach to robust cooperative tracking for heterogeneous spacecraft attitude control and formation applications. <i>IEEE Transactions on Automatic Control</i> , 2022 , 1-1 | 5.9 | 0 |
| 357 | Stability Analysis for Hybrid Time-Delay Systems With Double Degrees. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022 , 1-13 | 7.3 | |
| 356 | Adaptive Finite-Time Command Filtered Backstepping Control for Markov Jumping Nonlinear Systems with Full-State Constraints. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022 , 1-1 | 3.5 | 0 |
| 355 | Distributed Kalman Filtering through Trace Proximity. <i>IEEE Transactions on Automatic Control</i> , 2022 , 1-1 | 5.9 | |
| 354 | A Novel Electronic Chip Detection Method Using Deep Neural Networks. <i>Machines</i> , 2022 , 10, 361 | 2.9 | 0 |
| 353 | Affective Computing Model with Impulse Control in Internet of Things based on Affective Robotics. <i>IEEE Internet of Things Journal</i> , 2022 , 1-1 | 10.7 | |
| 352 | Fast finite-time tracking consensus with applications on multiple servo motors. <i>IEEE Transactions on Industrial Electronics</i> , 2022 , 1-1 | 8.9 | 0 |
| 351 | Distributed Fault-Tolerant Cooperative Output Regulation for Multi-Agent Networks via Fixed-Time Observer and Adaptive Control. <i>IEEE Transactions on Control of Network Systems</i> , 2021 , 1-1 | 4 | 0 |
| 350 | Robust Formation Control for Multiagent Systems Based on Adaptive Observers. <i>IEEE Systems Journal</i> , 2021 , 1-12 | 4.3 | 1 |
| 349 | Synchronization Control for Coupled Delayed Neural Networks With Time-Varying Coupling Via Markov Pinning Strategy. <i>IEEE Systems Journal</i> , 2021 , 1-11 | 4.3 | |
| 348 | Output Feedback-Based Neural Adaptive Finite-Time Containment Control of Non-Strict Feedback Nonlinear Multi-Agent Systems. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021 , 1-12 | 3.9 | 8 |
| 347 | Desire-Driven Reasoning Considering Personalized Care Preferences. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-12 | 7.3 | |
| 346 | Output Feedback Sliding Mode Control of Markovian Jump Systems and Its Application to Switched Boost Converter. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021 , 68, 5134-5144 | 3.9 | 6 |
| 345 | Event-Triggered Control for Networked Systems Under Denial of Service Attacks and Applications. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021 , 1-10 | 3.9 | 4 |
| 344 | Semiglobal Tracking Cooperative Control for Multiagent Systems With Input Saturation: A Multiple Saturation Levels Framework. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 1215-1222 | 5.9 | 25 |

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|-----|--|-----|----|
| 343 | Coordinated collision avoidance for multi-vehicle systems based on collision time. <i>IET Control Theory and Applications</i> , 2021 , 15, 1439-1450 | 2.5 | |
| 342 | Variational Adaptive Kalman Filter With Gaussian-Inverse-Wishart Mixture Distribution. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 1786-1793 | 5.9 | 14 |
| 341 | Optimal linear-quadratic-Gaussian control for discrete-time linear systems with white and time-correlated measurement noises. <i>Optimal Control Applications and Methods</i> , 2021 , 42, 1467-1486 | 1.7 | |
| 340 | Polytopic Event-Triggered Robust Model Predictive Control for Constrained Linear Systems. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021 , 68, 2594-2603 | 3.9 | 6 |
| 339 | Robust Formation Control for Multi-Agent Systems: A Reference Correction Based Approach. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021 , 68, 2616-2625 | 3.9 | 6 |
| 338 | Discretized quasi-time-dependent control for asynchronously switched systems with dynamic dwell-time. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 7219-7238 | 3.6 | |
| 337 | NN-based Prediction Interval for Nonlinear Processes Controller. <i>International Journal of Control, Automation and Systems</i> , 2021 , 19, 3239-3252 | 2.9 | 1 |
| 336 | Event-Based Formation Control for Nonlinear Multiagent Systems Under DoS Attacks. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 452-459 | 5.9 | 53 |
| 335 | Design of backtracking search heuristics for parameter estimation of power signals. <i>Neural Computing and Applications</i> , 2021 , 33, 1479-1496 | 4.8 | 9 |
| 334 | Dissipativity-Based Consensus for Fuzzy Multiagent Systems Under Switching Directed Topologies. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 29, 1143-1151 | 8.3 | 23 |
| 333 | Design on Type-2 Fuzzy-Based Distributed Supervisory Control With Backlash-Like Hysteresis. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 29, 252-261 | 8.3 | 26 |
| 332 | Creating rule-based agents for artificial general intelligence using association rules mining. <i>International Journal of Machine Learning and Cybernetics</i> , 2021 , 12, 223-230 | 3.8 | 2 |
| 331 | A New Approach to Characterize Successive Packet Losses in Stochastic Networked Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 552-560 | 7.3 | 7 |
| 330 | Exponential Stability of Markovian Jumping Systems via Adaptive Sliding Mode Control. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 954-964 | 7.3 | 45 |
| 329 | Control of Discrete-Time Stochastic Systems With Packet Loss by Event-Triggered Approach. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 755-764 | 7.3 | 10 |
| 328 | Command Filtered Backstepping-Based Attitude Containment Control for Spacecraft Formation. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 1278-1287 | 7.3 | 40 |
| 327 | A New Fixed-Time Consensus Tracking Approach for Second-Order Multiagent Systems Under Directed Communication Topology. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 2488-2500 | 7.3 | 24 |
| 326 | Active resilient control for two-dimensional systems under denial-of-service attacks. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 759-771 | 3.6 | 1 |

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| 325 | Disturbance-Observer-Based Terminal Sliding Mode Control for Linear Traction System With Prescribed Performance. <i>IEEE Transactions on Transportation Electrification</i> , 2021 , 7, 649-658 | 7.6 | 8 |
| 324 | Fixed-time sliding mode cooperative control for multiagent networks via event-triggered strategy. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 21-36 | 3.6 | 11 |
| 323 | New results on robust sliding mode control for linear time-delay systems. <i>IMA Journal of Mathematical Control and Information</i> , 2021 , 38, 320-336 | 1.1 | 4 |
| 322 | A Direct Approach of Path Planning Using Environmental Contours. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2021 , 101, 1 | 2.9 | 1 |
| 321 | Nonfragile Observer-Based Control for Markovian Jump Systems Subject to Asynchronous Modes. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 3533-3540 | 7.3 | 8 |
| 320 | Sliding Mode Control for Markov Jump Systems With Delays via Asynchronous Approach. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 2916-2925 | 7.3 | 20 |
| 319 | Event-Triggered Fuzzy Control for Nonlinear Systems via Sliding Mode Approach. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 29, 336-344 | 8.3 | 28 |
| 318 | Bi-Directional Benes With Large Port-Counts and Low Waveguide Crossings for Optical Network-on-Chip. <i>IEEE Access</i> , 2021 , 9, 115788-115800 | 3.5 | 2 |
| 317 | Controllability Analysis and Verification for High-Order DCDC Converters Using Switched Linear Systems Theory. <i>IEEE Transactions on Power Electronics</i> , 2021 , 1-1 | 7.2 | 3 |
| 316 | Event-Triggered Bipartite Consensus for Fuzzy Multi-Agent Systems under Markovian Switching Signed Topology. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 1-1 | 8.3 | 3 |
| 315 | A Survey on Intelligent Control for Multiagent Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 161-175 | 7.3 | 37 |
| 314 | Preserving State and Control Privacies in Networked Systems with Tokenized Polytopic Transforms. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 1-1 | 3.5 | 2 |
| 313 | Fault estimation and fault-tolerant control for networked systems based on an adaptive memory-based event-triggered mechanism. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 1-1 | 4.9 | 7 |
| 312 | Dynamic event-triggered approach for networked control systems under denial of service attacks. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 1774-1795 | 3.6 | 4 |
| 311 | Path Planning for Smart Car Based on Dijkstra Algorithm and Dynamic Window Approach. <i>Wireless Communications and Mobile Computing</i> , 2021 , 2021, 1-12 | 1.9 | 14 |
| 310 | Event-triggered adaptive leaderless consensus control for nonlinear multi-agent systems with unknown backlash-like hysteresis. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 7409-7424 | 3.6 | 3 |
| 309 | Distributed Fault Detection and Control for Markov Jump Systems Over Sensor Networks With Round-Robin Protocol. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021 , 68, 3422-3435 | 3.9 | 3 |
| 308 | Finite-time command filtered adaptive control for nonlinear systems via immersion and invariance. <i>Science China Information Sciences</i> , 2021 , 64, 1 | 3.4 | 14 |

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| 307 | A New Approach of Formation Control for Multi-Agent Systems With Environmental Changes. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021 , 68, 3449-3459 | 3.9 | 2 |
| 306 | Fault estimation and fault-tolerant control for linear discrete time-varying stochastic systems. <i>Science China Information Sciences</i> , 2021 , 64, 1 | 3.4 | 11 |
| 305 | Cooperative Control-Based Task Assignments for Multiagent Systems With Intermittent Communication. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 6697-6708 | 11.9 | 6 |
| 304 | Resilient Event-Triggered Control for Networked Cascade Control Systems Under Denial-of-Service Attacks and Actuator Saturation. <i>IEEE Systems Journal</i> , 2021 , 1-9 | 4.3 | 5 |
| 303 | Event-Triggered and Asynchronous Reduced-Order Filtering Codesign for Fuzzy Markov Jump Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-10 | 7.3 | 3 |
| 302 | Robust Formation Control for Nonlinear Heterogeneous Multiagent Systems Based on Adaptive Event-Triggered Strategy. <i>IEEE Transactions on Automation Science and Engineering</i> , 2021 , 1-13 | 4.9 | 5 |
| 301 | Resilient Adaptive Event-Triggered Fuzzy Tracking Control and Filtering for Nonlinear Networked Systems under Denial of Service Attacks. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 1-1 | 8.3 | 3 |
| 300 | Event-Triggered Probability-Driven Adaptive Formation Control for Multiple Elliptical Agents. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-10 | 7.3 | 5 |
| 299 | A state-feedback Nash equilibrium for the general TargetAttackerDefender differential game of degree in arbitrary dimensions. <i>International Journal of Control</i> , 2020 , 1-11 | 1.5 | 1 |
| 298 | Global Predefined Time and Accuracy Adaptive Neural Network Control for Uncertain Strict-Feedback Systems With Output Constraint and Dead Zone. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-16 | 7.3 | 19 |
| 297 | Neural network adaptive dynamic sliding mode formation control of multi-agent systems. <i>International Journal of Systems Science</i> , 2020 , 51, 2025-2040 | 2.3 | 15 |
| 296 | Periodically Intermittent Stabilization of Neural Networks Based on Discrete-Time Observations. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020 , 67, 3497-3501 | 3.5 | 4 |
| 295 | Collision-Free Formation Control for Multi-Agent Systems With Dynamic Mapping. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020 , 67, 1984-1988 | 3.5 | 11 |
| 294 | State-feedback optimal strategies for the differential game of cooperative target defence: a geometric approach. <i>International Journal of Control</i> , 2020 , 1-8 | 1.5 | 2 |
| 293 | Memory Output-Feedback Integral Sliding Mode Control for Furuta Pendulum Systems. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2020 , 67, 2042-2052 | 3.9 | 8 |
| 292 | Adaptive Robust Control for Stochastic Systems With Unknown Interconnections. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1 | 8.3 | 3 |
| 291 | Model predictive control of distributed networked control systems with quantization and switching topology. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 4584-4599 | 3.6 | 9 |
| 290 | Fuzzy Model Based Control for Energy Management and Optimization in Fuel Cell Vehicles. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 14674-14688 | 6.8 | 11 |

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| 289 | Event-triggered estimation and model predictive control for linear systems with actuator fault. <i>IET Control Theory and Applications</i> , 2020 , 14, 2406-2412 | 2.5 | 3 |
| 288 | A new unified input-to-state stability criterion for impulsive stochastic delay systems with Markovian switching. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 159-181 | 3.6 | 3 |
| 287 | Solving fuzzy regression equation and its approximation for random fuzzy variable and their application. <i>Soft Computing</i> , 2020 , 24, 919-933 | 3.5 | 7 |
| 286 | Design on nonfragile fuzzy filter for nonlinear time-delay systems. <i>International Journal of Adaptive Control and Signal Processing</i> , 2020 , 34, 248-265 | 2.8 | 2 |
| 285 | Formation control of singular multiagent systems with switching topologies. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 652-664 | 3.6 | 6 |
| 284 | Resilient filtering for cyber-physical systems under denial-of-service attacks. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 1754-1769 | 3.6 | 15 |
| 283 | Energy-to-Peak Filtering of Semi-Markov Jump Systems With Mismatched Modes. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 4356-4361 | 5.9 | 16 |
| 282 | Secure state estimation for cyber-physical systems under sparse data injection attacks: a switched counteraction approach. <i>International Journal of Control</i> , 2020 , 1-12 | 1.5 | 1 |
| 281 | Distributed L2 \mathcal{H}_2 consensus of multi-agent systems under asynchronous switching topologies. <i>International Journal of Control</i> , 2020 , 1-10 | 1.5 | 1 |
| 280 | Event-triggered \mathcal{H}_2 filtering for nonlinear discrete-time stochastic systems with application to vehicle roll stability control. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 8430-8448 | 3.6 | 5 |
| 279 | Stackelberg-Nash Game Approach for Constrained Robust Optimization With Fuzzy Variables. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1 | 8.3 | 4 |
| 278 | Event-triggered dynamic output feedback control for networked nonlinear systems. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 7031-7051 | 3.6 | 2 |
| 277 | Robust \mathcal{H}_2 pinning synchronization for complex networks with event-triggered communication scheme. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2020 , 67, 5233-5245 | 3.9 | 13 |
| 276 | Energy Management of Fuel Cell Hybrid Vehicle Based on Partially Observable Markov Decision Process. <i>IEEE Transactions on Control Systems Technology</i> , 2020 , 28, 318-330 | 4.8 | 19 |
| 275 | Event-based mixed \mathcal{H}_2 and passive filtering for discrete singular stochastic systems. <i>International Journal of Control</i> , 2020 , 93, 2407-2415 | 1.5 | 10 |
| 274 | Robust functional observer for stabilising uncertain fuzzy systems with time-delay. <i>Granular Computing</i> , 2020 , 5, 55-69 | 5.4 | 1 |
| 273 | Probability-triggered formation control with adaptive roles. <i>International Journal of Control</i> , 2020 , 93, 1989-2000 | 1.5 | 4 |
| 272 | Model Reduction of Markovian Jump Systems With Uncertain Probabilities. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 382-388 | 5.9 | 30 |

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| 271 | Synchronization Control for Neutral Stochastic Delay Markov Networks via Single Pinning Impulsive Strategy. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 5406-5419 | 7.3 | 16 |
| 270 | Nonfragile and Nonsynchronous Synthesis of Reachable Set for Bernoulli Switched Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 726-731 | 7.3 | 8 |
| 269 | Stability Analysis and Control for Switched System With Bounded Actuators. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 4506-4512 | 7.3 | 13 |
| 268 | A Novel Double-Quadrant SoC Consistent Adaptive Droop Control in DC Microgrids. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020 , 67, 2034-2038 | 3.5 | 4 |
| 267 | Stabilization of a Class of Nonlinear Systems With Random Disturbance via Intermittent Stochastic Noise. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 1318-1324 | 5.9 | 9 |
| 266 | Directed-Graph-Observer-Based Model-Free Cooperative Sliding Mode Control for Distributed Energy Storage Systems in DC Microgrid. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 1224-1235 ^{11.9} | 11.9 | 15 |
| 265 | Cooperative fault-tolerant tracking control of heterogeneous hybrid-order mechanical systems with actuator and amplifier faults. <i>Nonlinear Dynamics</i> , 2019 , 98, 447-462 | 5 | 14 |
| 264 | Robust Adaptive Control of Internet-based Bilateral Teleoperation Systems with Time-Varying Delay and Model Uncertainties 2019 , | | 4 |
| 263 | Uniform State-of-Charge Control Strategy for Plug-and-Play Electric Vehicle in Super-UPS. <i>IEEE Transactions on Transportation Electrification</i> , 2019 , 5, 1145-1154 | 7.6 | 7 |
| 262 | Distributed fault estimation design of interconnected systems with external disturbances. <i>IET Control Theory and Applications</i> , 2019 , 13, 377-386 | 2.5 | 9 |
| 261 | Containment Control of Multi-agent Systems with Uniform Quantization. <i>Circuits, Systems, and Signal Processing</i> , 2019 , 38, 3952-3970 | 2.2 | 4 |
| 260 | Robust sampled-data model predictive control for networked systems with time-varying delay. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 1758-1768 | 3.6 | 6 |
| 259 | Robust H_{∞} Control for T _S Fuzzy Systems With State and Input Time-Varying Delays via Delay-Product-Type Functional Method. <i>IEEE Transactions on Fuzzy Systems</i> , 2019 , 27, 1917-1930 | 8.3 | 62 |
| 258 | Fault reconstruction for Markovian jump systems with iterative adaptive observer. <i>Automatica</i> , 2019 , 105, 254-263 | 5.7 | 23 |
| 257 | Robust Active Noise Control Design by Optimal Weighted Least Squares Approach. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2019 , 66, 3955-3967 | 3.9 | 15 |
| 256 | Multileader Multiagent Systems Containment Control With Event-Triggering. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 1-10 | 7.3 | 19 |
| 255 | Event-based Distributed Filtering Approach to Nonlinear Stochastic Systems over Sensor Networks. <i>International Journal of Control, Automation and Systems</i> , 2019 , 17, 896-906 | 2.9 | 12 |
| 254 | Fuzzy adaptive control of a class of nonlinear systems with unmodeled dynamics. <i>International Journal of Adaptive Control and Signal Processing</i> , 2019 , 33, 712-730 | 2.8 | 26 |

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| 253 | Asynchronous Control of Continuous-Time Nonlinear Markov Jump Systems Subject to Strict Dissipativity. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 1250-1256 | 5.9 | 65 |
| 252 | High-order Intuitionistic Fuzzy Cognitive Map Based on Evidential Reasoning Theory. <i>IEEE Transactions on Fuzzy Systems</i> , 2019 , 27, 16-30 | 8.3 | 11 |
| 251 | Fault detection for vehicle active suspension systems in finite-frequency domain. <i>IET Control Theory and Applications</i> , 2019 , 13, 387-394 | 2.5 | 13 |
| 250 | Boundary control of linear stochastic reaction-diffusion systems. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 268-282 | 3.6 | 15 |
| 249 | Event Triggered Adaptive Fuzzy Consensus for Interconnected Switched Multiagent Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2019 , 27, 144-158 | 8.3 | 45 |
| 248 | Discrete-Time Sliding Mode Control With Disturbance Rejection. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 7967-7975 | 8.9 | 34 |
| 247 | Distributed cooperative adaptive tracking control for heterogeneous systems with hybrid nonlinear dynamics. <i>Nonlinear Dynamics</i> , 2019 , 95, 2131-2141 | 5 | 16 |
| 246 | Convergence of Optimal Linear Estimator With Multiplicative and Time-Correlated Additive Measurement Noises. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 2190-2197 | 5.9 | 10 |
| 245 | Variable Threshold-Based Selective Updating Algorithms in Feed-Forward Active Noise Control Systems. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2019 , 66, 782-795 | 3.9 | 12 |
| 244 | Necessary conditions of exponential stability for a class of linear neutral-type time-delay systems. <i>International Journal of Control</i> , 2019 , 92, 1289-1297 | 1.5 | 7 |
| 243 | Adaptive consensus control of leader-following systems with transmission nonlinearities. <i>International Journal of Control</i> , 2019 , 92, 317-328 | 1.5 | 57 |
| 242 | Robust Kalman Filters Based on Gaussian Scale Mixture Distributions With Application to Target Tracking. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 2082-2096 | 7.3 | 77 |
| 241 | Sliding mode control of singularly perturbed systems and its application in quad-rotors. <i>International Journal of Control</i> , 2019 , 92, 1325-1334 | 1.5 | 6 |
| 240 | Robust fault estimation observer in the finite frequency domain for descriptor systems. <i>International Journal of Control</i> , 2019 , 92, 1590-1599 | 1.5 | 14 |
| 239 | Reliable Filtering of Nonlinear Markovian Jump Systems: The Continuous-Time Case. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 386-394 | 7.3 | 48 |
| 238 | Formation control for multi-robot systems with collision avoidance. <i>International Journal of Control</i> , 2019 , 92, 2223-2234 | 1.5 | 11 |
| 237 | Reliable Tracking Control for Under-Actuated Quadrotors With Wind Disturbances. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 2059-2070 | 7.3 | 27 |
| 236 | Asynchronous Filtering for Markov Jump Neural Networks With Quantized Outputs. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 433-443 | 7.3 | 57 |

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| 235 | Decentralized Adaptive Event-Triggered H Filtering for a Class of Networked Nonlinear Interconnected Systems. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 1570-1579 | 10.2 | 98 |
| 234 | Necessary and Sufficient Conditions of Exponential Stability for Delayed Linear Discrete-Time Systems. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 712-719 | 5.9 | 21 |
| 233 | Mathcal H_{\infty} Control for 2-D Markov Jump Systems in Roesser Model. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 427-432 | 5.9 | 59 |
| 232 | Robust exponential stability of uncertain stochastic systems with probabilistic time-varying delays. <i>International Journal of Robust and Nonlinear Control</i> , 2018 , 28, 3273-3291 | 3.6 | 11 |
| 231 | Functional observer-based fuzzy controller design for continuous nonlinear systems. <i>International Journal of Systems Science</i> , 2018 , 49, 1047-1060 | 2.3 | 8 |
| 230 | Fault Estimation Sliding-Mode Observer With Digital Communication Constraints. <i>IEEE Transactions on Automatic Control</i> , 2018 , 63, 3434-3441 | 5.9 | 86 |
| 229 | Event-Triggered Pinning Control for Consensus of Multiagent Systems With Quantized Information. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 1929-1938 | 7.3 | 127 |
| 228 | Reachable set estimation for discrete-time switched system with application to time-delay system. <i>International Journal of Robust and Nonlinear Control</i> , 2018 , 28, 2468-2483 | 3.6 | 15 |
| 227 | New criteria for stochastic suppression and stabilization of hybrid functional differential systems. <i>International Journal of Robust and Nonlinear Control</i> , 2018 , 28, 3946-3958 | 3.6 | 17 |
| 226 | Robust approximation-based adaptive control of multiple state delayed nonlinear systems with unmodeled dynamics. <i>International Journal of Robust and Nonlinear Control</i> , 2018 , 28, 3303-3323 | 3.6 | 6 |
| 225 | Adaptive Fuzzy Control of Nonlinear Systems With Unknown Dead Zones Based on Command Filtering. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 46-55 | 8.3 | 115 |
| 224 | Fault Detection Filtering for Nonhomogeneous Markovian Jump Systems via a Fuzzy Approach. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 131-141 | 8.3 | 178 |
| 223 | Fault Diagnosis of Power Systems Using Intuitionistic Fuzzy Spiking Neural P Systems. <i>IEEE Transactions on Smart Grid</i> , 2018 , 9, 4777-4784 | 10.7 | 73 |
| 222 | Robust adaptive constrained boundary control for a suspension cable system of a helicopter. <i>International Journal of Adaptive Control and Signal Processing</i> , 2018 , 32, 50-68 | 2.8 | 18 |
| 221 | Finite-time boundary stabilization of reaction-diffusion systems. <i>International Journal of Robust and Nonlinear Control</i> , 2018 , 28, 1641-1652 | 3.6 | 25 |
| 220 | Controllable-Domain-Based Fuzzy Rule Extraction for Copper Removal Process Control. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 1744-1756 | 8.3 | 15 |
| 219 | Stability and control of discrete-time switched systems via one-step ahead Lyapunov function approach. <i>IET Control Theory and Applications</i> , 2018 , 12, 1141-1147 | 2.5 | 14 |
| 218 | Pinning impulsive synchronization for stochastic reaction-diffusion dynamical networks with delay. <i>Neural Networks</i> , 2018 , 106, 281-293 | 9.1 | 24 |

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| 217 | Two-Dimensional Peak-to-Peak Filtering for Stochastic Fornasini-Marchesini Systems. <i>IEEE Transactions on Automatic Control</i> , 2018 , 63, 1472-1479 | 5.9 | 33 |
| 216 | Output-Feedback Control With Finite Multiple Measurement Information. <i>IEEE Transactions on Automatic Control</i> , 2018 , 63, 2588-2595 | 5.9 | 5 |
| 215 | Reliable Control of Fuzzy Singularly Perturbed Systems and Its Application to Electronic Circuits. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2018 , 65, 3519-3528 | 3.9 | 91 |
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