

Fei Han

List of Publications by Citations

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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.

45
papers

531
citations

15
h-index

22
g-index

51
ext. papers

683
ext. citations

3.2
avg, IF

4.61
L-index

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 45 | Set-membership filtering for piecewise linear systems with censored measurements under Round-Robin protocol. <i>International Journal of Systems Science</i> , 2020 , 51, 1578-1588 | 2.3 | 55 |
| 44 | Local Condition Based Consensus Filtering With Stochastic Nonlinearities and Multiple Missing Measurements. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 4784-4790 | 5.9 | 44 |
| 43 | Filter design, fault estimation and reliable control for networked time-varying systems: a survey. <i>Systems Science and Control Engineering</i> , 2017 , 5, 331-341 | 2 | 40 |
| 42 | Finite-horizon bounded synchronisation and state estimation for discrete-time complex networks: local performance analysis. <i>IET Control Theory and Applications</i> , 2017 , 11, 827-837 | 2.5 | 34 |
| 41 | Set-Membership Filtering for State-Saturated Systems With Mixed Time-Delays Under Weighted Try-Once-Discard Protocol. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2019 , 66, 312-316 | 3.5 | 33 |
| 40 | Event-triggered distributed filtering over sensor networks with deception attacks and partial measurements. <i>International Journal of General Systems</i> , 2018 , 47, 522-534 | 2.1 | 29 |
| 39 | Reliable H _∞ filtering for discrete piecewise linear systems with infinite distributed delays. <i>International Journal of General Systems</i> , 2014 , 43, 346-358 | 2.1 | 28 |
| 38 | Improved Tobit Kalman filtering for systems with random parameters via conditional expectation. <i>Signal Processing</i> , 2018 , 147, 35-45 | 4.4 | 27 |
| 37 | A gain-scheduled approach to fault-tolerant control for discrete-time stochastic delayed systems with randomly occurring actuator faults. <i>Systems Science and Control Engineering</i> , 2013 , 1, 82-90 | 2 | 26 |
| 36 | Distributed filtering for time-varying systems over sensor networks with randomly switching topologies under the Round-Robin protocol. <i>Neurocomputing</i> , 2019 , 346, 58-64 | 5.4 | 25 |
| 35 | Local condition-based finite-horizon distributed H _∞ consensus filtering for random parameter system with event-triggering protocols. <i>Neurocomputing</i> , 2017 , 219, 221-231 | 5.4 | 22 |
| 34 | Finite-Horizon Distributed State Estimation Under Randomly Switching Topologies and Redundant Channels. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 2938-2947 | 7.3 | 21 |
| 33 | Local design of distributed H _∞ consensus filtering over sensor networks under multiplicative noises and deception attacks. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 2296-2314 | 3.6 | 18 |
| 32 | Finite-horizon H _∞ consensus control for multi-agent systems with random parameters: The local condition case. <i>Journal of the Franklin Institute</i> , 2017 , 354, 6078-6097 | 4 | 18 |
| 31 | Distributed . <i>Journal of the Franklin Institute</i> , 2015 , 352, 2029-2046 | 4 | 16 |
| 30 | An Event-Triggering Approach to Recursive Filtering for Complex Networks With State Saturations and Random Coupling Strengths. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 4279-4289 | 10.3 | 11 |
| 29 | Outlier-resistant H _∞ filtering for a class of networked systems under Round-Robin protocol. <i>Neurocomputing</i> , 2020 , 403, 133-142 | 5.4 | 11 |

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| 28 | Observer-based non-fragile H ∞ consensus control for multi-agent systems under deception attacks. <i>International Journal of Systems Science</i> , 2021 , 52, 1223-1236 | 2.3 | 10 |
| 27 | Partial-Nodes-Based Scalable H ∞ Consensus Filtering With Censored Measurements Over Sensor Networks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-12 | 7.3 | 9 |
| 26 | Finite-horizon distributed H ∞ consensus control of time-varying multi-agent systems with Round-Robin protocol. <i>Neurocomputing</i> , 2019 , 364, 219-226 | 5.4 | 7 |
| 25 | An improved reinforcement learning algorithm based on knowledge transfer and applications in autonomous vehicles. <i>Neurocomputing</i> , 2019 , 361, 243-255 | 5.4 | 7 |
| 24 | Scalable consensus filtering for uncertain systems over sensor networks with Round-Robin protocol. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 1051-1066 | 3.6 | 6 |
| 23 | Recursive filtering for nonlinear systems subject to measurement outliers. <i>Science China Information Sciences</i> , 2021 , 64, 1 | 3.4 | 5 |
| 22 | Recursive Minimum-Variance Filter Design for State-Saturated Complex Networks With Uncertain Coupling Strengths Subject to Deception Attacks. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP, | 10.2 | 5 |
| 21 | Recursive filtering for time-varying systems under duty cycle scheduling based on collaborative prediction. <i>Journal of the Franklin Institute</i> , 2020 , 357, 13189-13204 | 4 | 4 |
| 20 | Decouple design of leader-following consensus control for nonlinear multi-agent systems. <i>Systems Science and Control Engineering</i> , 2020 , 8, 288-296 | 2 | 4 |
| 19 | Distributed resilient estimation over sensor networks for nonlinear time-delayed systems with stochastic perturbations. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 843-863 | 3.6 | 3 |
| 18 | Consensus-based unscented Kalman filter for sensor networks with sensor saturations 2014 , | | 2 |
| 17 | A novel PID-like particle swarm optimizer: on terminal convergence analysis. <i>Complex & Intelligent Systems</i> , 1 | 7.1 | 2 |
| 16 | Outlier-Resistant Observer-Based H ∞ Consensus Control for Multi-Rate Multi-Agent Systems. <i>Journal of the Franklin Institute</i> , 2021 , 358, 8914-8914 | 4 | 2 |
| 15 | Sampled-data non-fragile state estimation for delayed genetic regulatory networks under stochastically switching sampling periods. <i>Neurocomputing</i> , 2021 , 463, 168-176 | 5.4 | 2 |
| 14 | Outlier-resistant observer-based H ∞ PID control under stochastic communication protocol. <i>Applied Mathematics and Computation</i> , 2021 , 411, 126535 | 2.7 | 2 |
| 13 | Event-triggered distributed filtering for discrete-time systems with integral measurements. <i>Systems Science and Control Engineering</i> , 2021 , 9, 272-282 | 2 | 1 |
| 12 | Dynamic event-triggered protocol-based distributed secondary control for islanded microgrids. <i>International Journal of Electrical Power and Energy Systems</i> , 2021 , 107723 | 5.1 | 0 |
| 11 | An improved CS-LS hybrid algorithm on microseismic source location. <i>Systems Science and Control Engineering</i> , 2021 , 9, 467-478 | 2 | |

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| 10 | Multi-layer Gaussian Mixture Model algorithm and its application in lithology classification. <i>Systems Science and Control Engineering</i> , 2021 , 9, 580-591 | 2 |
| 9 | Bounded H_{∞} Synchronization and H_{∞} Filtering for Discrete-Time Complex Networks. <i>Studies in Systems, Decision and Control</i> , 2022 , 191-212 | 0.8 |
| 8 | Partial-Nodes-Based Scalable H_{∞} -Consensus Filtering with Censored Measurements. <i>Studies in Systems, Decision and Control</i> , 2022 , 97-119 | 0.8 |
| 7 | Distributed H_{∞} Filtering for Discrete-Time Piecewise Linear Systems. <i>Studies in Systems, Decision and Control</i> , 2022 , 25-41 | 0.8 |
| 6 | Distributed H_{∞} -Consensus Filtering over Sensor Networks Under Deception Attacks. <i>Studies in Systems, Decision and Control</i> , 2022 , 121-141 | 0.8 |
| 5 | Consensus Filtering with Stochastic Nonlinearities and Multiple Missing Measurements. <i>Studies in Systems, Decision and Control</i> , 2022 , 43-58 | 0.8 |
| 4 | Finite-Horizon H_{∞} -Consensus Control for Multi-agent Systems with Random Parameters. <i>Studies in Systems, Decision and Control</i> , 2022 , 171-190 | 0.8 |
| 3 | Distributed Resilient Filtering for Time-Delayed Systems with Stochastic Perturbations. <i>Studies in Systems, Decision and Control</i> , 2022 , 143-169 | 0.8 |
| 2 | Distributed Filtering for Random Parameter System with Event-Triggering Protocols. <i>Studies in Systems, Decision and Control</i> , 2022 , 59-77 | 0.8 |
| 1 | Scalable Consensus Filtering for Uncertain Systems with Round-Robin Protocol. <i>Studies in Systems, Decision and Control</i> , 2022 , 79-96 | 0.8 |