

Fei Han

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.

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	Bounded H_{∞} Synchronization and H_{∞} Filtering for Discrete-Time Complex Networks. <i>Studies in Systems, Decision and Control</i> , 2022 , 191-212	0.8	
44	Partial-Nodes-Based Scalable H_{∞} -Consensus Filtering with Censored Measurements. <i>Studies in Systems, Decision and Control</i> , 2022 , 97-119	0.8	
43	Distributed H_{∞} Filtering for Discrete-Time Piecewise Linear Systems. <i>Studies in Systems, Decision and Control</i> , 2022 , 25-41	0.8	
42	Distributed H_{∞} -Consensus Filtering over Sensor Networks Under Deception Attacks. <i>Studies in Systems, Decision and Control</i> , 2022 , 121-141	0.8	
41	Consensus Filtering with Stochastic Nonlinearities and Multiple Missing Measurements. <i>Studies in Systems, Decision and Control</i> , 2022 , 43-58	0.8	
40	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	
39	Distributed Resilient Filtering for Time-Delayed Systems with Stochastic Perturbations. <i>Studies in Systems, Decision and Control</i> , 2022 , 143-169	0.8	
38	Distributed Filtering for Random Parameter System with Event-Triggering Protocols. <i>Studies in Systems, Decision and Control</i> , 2022 , 59-77	0.8	
37	Scalable Consensus Filtering for Uncertain Systems with Round-Robin Protocol. <i>Studies in Systems, Decision and Control</i> , 2022 , 79-96	0.8	
36	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
35	Recursive filtering for nonlinear systems subject to measurement outliers. <i>Science China Information Sciences</i> , 2021 , 64, 1	3.4	5
34	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
33	An improved CS-LS hybrid algorithm on microseismic source location. <i>Systems Science and Control Engineering</i> , 2021 , 9, 467-478	2	
32	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
31	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
30	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
29	Outlier-resistant observer-based H_{∞} PID control under stochastic communication protocol. <i>Applied Mathematics and Computation</i> , 2021 , 411, 126535	2.7	2

28	Event-triggered distributed filtering for discrete-time systems with integral measurements. <i>Systems Science and Control Engineering</i> , 2021 , 9, 272-282	2	1
27	Multi-layer Gaussian Mixture Model algorithm and its application in lithology classification. <i>Systems Science and Control Engineering</i> , 2021 , 9, 580-591	2	
26	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
25	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
24	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
23	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
22	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
21	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
20	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
19	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
18	Outlier-resistant H ∞ filtering for a class of networked systems under Round-Robin protocol. <i>Neurocomputing</i> , 2020 , 403, 133-142	5.4	11
17	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
16	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
15	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
14	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
13	An improved reinforcement learning algorithm based on knowledge transfer and applications in autonomous vehicles. <i>Neurocomputing</i> , 2019 , 361, 243-255	5.4	7
12	Improved Tobit Kalman filtering for systems with random parameters via conditional expectation. <i>Signal Processing</i> , 2018 , 147, 35-45	4.4	27
11	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

10	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
9	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
8	Finite-horizon H_2 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
7	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
6	Local condition-based finite-horizon distributed H_2 consensus filtering for random parameter system with event-triggering protocols. <i>Neurocomputing</i> , 2017 , 219, 221-231	5.4	22
5	Distributed . <i>Journal of the Franklin Institute</i> , 2015 , 352, 2029-2046	4	16
4	Consensus-based unscented Kalman filter for sensor networks with sensor saturations 2014 ,		2
3	Reliable H_2 filtering for discrete piecewise linear systems with infinite distributed delays. <i>International Journal of General Systems</i> , 2014 , 43, 346-358	2.1	28
2	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
1	A novel PID-like particle swarm optimizer: on terminal convergence analysis. <i>Complex & Intelligent Systems</i> , 1	7.1	2