Wen Yang

List of Publications by Year
in descending order

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45 papers	1,606 citations	361296 20 h-index	345118 36 g-index
45 all docs	45 docs citations	45 times ranked	1353 citing authors

#	Article	IF	Citations
1	Distributed State Estimation With Colored Noises. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 2807-2811.	2.2	5
2	Security analysis and defense strategy of distributed filtering under false data injection attacks. Automatica, 2022, 138, 110151.	3.0	16
3	Energy efficient management for distributed state estimation under DoS attacks. International Journal of Robust and Nonlinear Control, 2022, 32, 1941-1959.	2.1	3
4	A Secure Encoding Mechanism Against Deception Attacks on Multisensor Remote State Estimation. IEEE Transactions on Information Forensics and Security, 2022, 17, 1959-1969.	4.5	10
5	Distributed Secure State Estimation Under Stochastic Linear Attacks. IEEE Transactions on Network Science and Engineering, 2021, 8, 2036-2047.	4.1	11
6	Detection of Data Integrity Attacks in Distributed State Estimation. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 7735-7744.	5.9	8
7	Detection against randomly occurring complex attacks on distributed state estimation. Information Sciences, 2021, 547, 539-552.	4.0	12
8	Reinforcement Learning-Based Detection for State Estimation Under False Data Injection. IEEE Access, 2021, 9, 66498-66508.	2.6	4
9	Event-Based Tracking Control of Mobile Robot With Denial-of-Service Attacks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 3300-3310.	5.9	62
10	Security Analysis of a Distributed Networked System Under Eavesdropping Attacks. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 1254-1258.	2.2	22
11	Resilient Consensus-Based Distributed Filtering: Convergence Analysis Under Stealthy Attacks. IEEE Transactions on Industrial Informatics, 2020, 16, 4878-4888.	7.2	25
12	Secure remote state estimation against linear man-in-the-middle attacks using watermarking. Automatica, 2020, 121, 109182.	3.0	54
13	An encoding mechanism for secrecy of remote state estimation. Automatica, 2020, 120, 109116.	3.0	23
14	Event-triggered minimax state estimation with a relative entropy constraint. Automatica, 2019, 110, 108592.	3.0	23
15	Security of opinion dynamics in social networks. IFAC-PapersOnLine, 2019, 52, 162-167.	0.5	0
16	Distributed filtering under false data injection attacks. Automatica, 2019, 102, 34-44.	3.0	130
17	Communication-saving design by stochastic event triggers. Journal of the Franklin Institute, 2019, 356, 10532-10546.	1.9	2
18	Consensus-based filtering under false data injection attacks. European Journal of Control, 2019, 48, 3-8.	1.6	5

#	Article	IF	Citations
19	Event-Triggered Risk-Sensitive State Estimation for Hidden Markov Models. IEEE Transactions on Automatic Control, 2019, 64, 4276-4283.	3.6	26
20	Resilience Analysis of Discrete-Time Networked System in the Presence of Information Disclosure. IEEE Access, 2019, 7, 180147-180154.	2.6	2
21	Fixed-Time Leaderâ€“Follower Output Feedback Consensus for Second-Order Multiagent Systems. IEEE Transactions on Cybernetics, 2019, 49, 1545-1550.	6.2	216
22	Online Power Scheduling for Distributed Filtering Over an Energy-Limited Sensor Network. IEEE Transactions on Industrial Electronics, 2018, 65, 4216-4226.	5.2	28
23	Multi-Sensor Kalman Filtering With Intermittent Measurements. IEEE Transactions on Automatic Control, 2018, 63, 797-804.	3.6	59
24	A study on the security of public opinion in social networks. , 2018, , .		0
25	Sensor scheduling for lifetime maximization in centralized state estimation. Neurocomputing, 2017, 270, 43-53.	3.5	6
26	Online weight design for distributed filtering with limited power. IET Control Theory and Applications, 2017, 11, 1779-1785.	1.2	0
27	Event-based distributed state estimation under deception attack. Neurocomputing, 2017, 270, 145-151.	3.5	55
28	Stochastic link activation for distributed filtering under sensor power constraint. Automatica, 2017, 75, 109-118.	3.0	95
29	A Typical Power Allocation for Distributed Filtering * *This work was supported in part by the National Natural Science Foundation of China under Grant(61573143,61503139), the Innovation Program of Shanghai Municipal Education Commission under Grant No. 14zz55, China Postdoctoral Science Funding 2015M570337. IFAC-PapersOnLine, 2017, 50, 10550-10555.	0.5	0
30	Optimal Controlled Nodes Selection for Fast Consensus. Asian Journal of Control, 2016, 18, 932-944.	1.9	8
31	Robust exponential stability and L<inf>2</inf>-gain analysis for uncertain switched nonlinear cascaded systems with time-varying delay. , 2016, , .		0
32	Nodes selection strategy in cooperative tracking problem. Automatica, 2016, 74, 118-125.	3.0	29
33	False data injection attack on distributed state estimation over a wireless sensor network. , 2016, , .		2
34	Event-based Distributed State Estimation over a WSN with False Data Injection Attack**This work was supported in part by the National Natural Science Foundation of China under Grant(61573143,61503139), the Innovation Program of Shanghai Municipal Education Commission under Grant No. 14zz55, China Postdoctoral Science Funding 2015M570337. IFAC-PapersOnLine, 2016, 49, 286-290.	0.5	2
35	Sensor scheduling for distributed filtering under limited communication resources. , 2015, , .		1
36	Power allocation scheme for distributed filtering over wireless sensor networks. IET Control Theory and Applications, 2015, 9, 410-417.	1.2	5

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37	Deterministic Sensor Selection for Centralized State Estimation Under Limited Communication Resource. IEEE Transactions on Signal Processing, 2015, 63, 2336-2348.	3.2	30
38	Stochastic sensor activation for distributed state estimation over a sensor network. Automatica, 2014, 50, 2070-2076.	3.0	117
39	Fast consensus seeking in multi-agent systems with time delay. Systems and Control Letters, 2013, 62, 269-276.	1.3	61
40	Optimal interconnection design for leaderâ€“follower coordination with noise. IET Control Theory and Applications, 2013, 7, 323-331.	1.2	0
41	Consensus based distributed estimation with sensor selection strategies in energy constrained wireless sensor networks. , 2012, , .		0
42	Distributed estimation based on LQG control over homogeneous sensor networks. International Journal of Control, Automation and Systems, 2012, 10, 1173-1181.	1.6	4
43	Sensor selection schemes for consensus based distributed estimation over energy constrained wireless sensor networks. Neurocomputing, 2012, 87, 132-137.	3.5	34
44	Optimal consensus-based distributed estimation with intermittent communication. International Journal of Systems Science, 2011, 42, 1521-1529.	3.7	28
45	Distributed Consensus Filtering in Sensor Networks. IEEE Transactions on Systems, Man, and Cybernetics, 2009, 39, 1568-1577.	5.5	383