

Wen Yang

List of Publications by Year in descending order

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45
papers

1,606
citations

361296
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36
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45
all docs

45
docs citations

45
times ranked

1353
citing authors

#	ARTICLE	IF	CITATIONS
1	Distributed Consensus Filtering in Sensor Networks. IEEE Transactions on Systems, Man, and Cybernetics, 2009, 39, 1568-1577.	5.5	383
2	Fixed-Time Leader-Follower Output Feedback Consensus for Second-Order Multiagent Systems. IEEE Transactions on Cybernetics, 2019, 49, 1545-1550.	6.2	216
3	Distributed filtering under false data injection attacks. Automatica, 2019, 102, 34-44.	3.0	130
4	Stochastic sensor activation for distributed state estimation over a sensor network. Automatica, 2014, 50, 2070-2076.	3.0	117
5	Stochastic link activation for distributed filtering under sensor power constraint. Automatica, 2017, 75, 109-118.	3.0	95
6	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
7	Fast consensus seeking in multi-agent systems with time delay. Systems and Control Letters, 2013, 62, 269-276.	1.3	61
8	Multi-Sensor Kalman Filtering With Intermittent Measurements. IEEE Transactions on Automatic Control, 2018, 63, 797-804.	3.6	59
9	Event-based distributed state estimation under deception attack. Neurocomputing, 2017, 270, 145-151.	3.5	55
10	Secure remote state estimation against linear man-in-the-middle attacks using watermarking. Automatica, 2020, 121, 109182.	3.0	54
11	Sensor selection schemes for consensus based distributed estimation over energy constrained wireless sensor networks. Neurocomputing, 2012, 87, 132-137.	3.5	34
12	Deterministic Sensor Selection for Centralized State Estimation Under Limited Communication Resource. IEEE Transactions on Signal Processing, 2015, 63, 2336-2348.	3.2	30
13	Nodes selection strategy in cooperative tracking problem. Automatica, 2016, 74, 118-125.	3.0	29
14	Optimal consensus-based distributed estimation with intermittent communication. International Journal of Systems Science, 2011, 42, 1521-1529.	3.7	28
15	Online Power Scheduling for Distributed Filtering Over an Energy-Limited Sensor Network. IEEE Transactions on Industrial Electronics, 2018, 65, 4216-4226.	5.2	28
16	Event-Triggered Risk-Sensitive State Estimation for Hidden Markov Models. IEEE Transactions on Automatic Control, 2019, 64, 4276-4283.	3.6	26
17	Resilient Consensus-Based Distributed Filtering: Convergence Analysis Under Stealthy Attacks. IEEE Transactions on Industrial Informatics, 2020, 16, 4878-4888.	7.2	25
18	Event-triggered minimax state estimation with a relative entropy constraint. Automatica, 2019, 110, 108592.	3.0	23

#	ARTICLE	IF	CITATIONS
19	An encoding mechanism for secrecy of remote state estimation. <i>Automatica</i> , 2020, 120, 109116.	3.0	23
20	Security Analysis of a Distributed Networked System Under Eavesdropping Attacks. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020, 67, 1254-1258.	2.2	22
21	Security analysis and defense strategy of distributed filtering under false data injection attacks. <i>Automatica</i> , 2022, 138, 110151.	3.0	16
22	Detection against randomly occurring complex attacks on distributed state estimation. <i>Information Sciences</i> , 2021, 547, 539-552.	4.0	12
23	Distributed Secure State Estimation Under Stochastic Linear Attacks. <i>IEEE Transactions on Network Science and Engineering</i> , 2021, 8, 2036-2047.	4.1	11
24	A Secure Encoding Mechanism Against Deception Attacks on Multisensor Remote State Estimation. <i>IEEE Transactions on Information Forensics and Security</i> , 2022, 17, 1959-1969.	4.5	10
25	Optimal Controlled Nodes Selection for Fast Consensus. <i>Asian Journal of Control</i> , 2016, 18, 932-944.	1.9	8
26	Detection of Data Integrity Attacks in Distributed State Estimation. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 7735-7744.	5.9	8
27	Sensor scheduling for lifetime maximization in centralized state estimation. <i>Neurocomputing</i> , 2017, 270, 43-53.	3.5	6
28	Power allocation scheme for distributed filtering over wireless sensor networks. <i>IET Control Theory and Applications</i> , 2015, 9, 410-417.	1.2	5
29	Consensus-based filtering under false data injection attacks. <i>European Journal of Control</i> , 2019, 48, 3-8.	1.6	5
30	Distributed State Estimation With Colored Noises. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022, 69, 2807-2811.	2.2	5
31	Distributed estimation based on LQG control over homogeneous sensor networks. <i>International Journal of Control, Automation and Systems</i> , 2012, 10, 1173-1181.	1.6	4
32	Reinforcement Learning-Based Detection for State Estimation Under False Data Injection. <i>IEEE Access</i> , 2021, 9, 66498-66508.	2.6	4
33	Energy efficient management for distributed state estimation under DoS attacks. <i>International Journal of Robust and Nonlinear Control</i> , 2022, 32, 1941-1959.	2.1	3
34	False data injection attack on distributed state estimation over a wireless sensor network. , 2016, , .		2
35	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. <i>IFAC-PapersOnLine</i> . 2016. 49, 286-290.	0.5	2
36	Communication-saving design by stochastic event triggers. <i>Journal of the Franklin Institute</i> , 2019, 356, 10532-10546.	1.9	2

#	ARTICLE	IF	CITATIONS
37	Resilience Analysis of Discrete-Time Networked System in the Presence of Information Disclosure. IEEE Access, 2019, 7, 180147-180154.	2.6	2
38	Sensor scheduling for distributed filtering under limited communication resources. , 2015, , .		1
39	Consensus based distributed estimation with sensor selection strategies in energy constrained wireless sensor networks. , 2012, , .		0
40	Optimal interconnection design for leaderâ€“follower coordination with noise. IET Control Theory and Applications, 2013, 7, 323-331.	1.2	0
41	Robust exponential stability and L_{∞} -gain analysis for uncertain switched nonlinear cascaded systems with time-varying delay. , 2016, , .		0
42	Online weight design for distributed filtering with limited power. IET Control Theory and Applications, 2017, 11, 1779-1785.	1.2	0
43	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
44	A study on the security of public opinion in social networks. , 2018, , .		0
45	Security of opinion dynamics in social networks. IFAC-PapersOnLine, 2019, 52, 162-167.	0.5	0