Ling Shi

List of Publications by Year
in descending order

207 papers	8,412 citations	46918 47 h-index	49773 87 g-index
211 all docs	211 docs citations	211 times ranked	3380 citing authors

#	Article	IF	Citations
1	Optimal DoS Attack Scheduling in Wireless Networked Control System. IEEE Transactions on Control Systems Technology, 2016, 24, 843-852.	3.2	473
2	Optimal Denial-of-Service Attack Scheduling With Energy Constraint. IEEE Transactions on Automatic Control, 2015, 60, 3023-3028.	3.6	465
3	Event-Based Sensor Data Scheduling: Trade-Off Between Communication Rate and Estimation Quality. IEEE Transactions on Automatic Control, 2013, 58, 1041-1046.	3.6	393
4	Jamming Attacks on Remote State Estimation in Cyber-Physical Systems: A Game-Theoretic Approach. IEEE Transactions on Automatic Control, 2015, 60, 2831-2836.	3.6	346
5	Optimal Linear Cyber-Attack on Remote State Estimation. IEEE Transactions on Control of Network Systems, 2017, 4, 4-13.	2.4	324
6	Stochastic Event-Triggered Sensor Schedule for Remote State Estimation. IEEE Transactions on Automatic Control, 2015, 60, 2661-2675.	3.6	275
7	Time Synchronization in WSNs: A Maximum-Value-Based Consensus Approach. IEEE Transactions on Automatic Control, 2014, 59, 660-675.	3.6	255
8	Optimal Denial-of-Service Attack Scheduling With Energy Constraint Over Packet-Dropping Networks. IEEE Transactions on Automatic Control, 2018, 63, 1648-1663.	3.6	232
9	SINR-Based DoS Attack on Remote State Estimation: A Game-Theoretic Approach. IEEE Transactions on Control of Network Systems, 2017, 4, 632-642.	2.4	227
10	Kalman Filtering Over a Packet-Dropping Network: A Probabilistic Perspective. IEEE Transactions on Automatic Control, 2010, 55, 594-604.	3.6	178
11	A multi-channel transmission schedule for remote state estimation under DoS attacks. Automatica, 2017, 78, 194-201.	3.0	178
12	Worst-case stealthy innovation-based linear attack on remote state estimation. Automatica, 2018, 89, 117-124.	3.0	177
13	Sensor data scheduling for optimal state estimation with communication energy constraint. Automatica, 2011, 47, 1693-1698.	3.0	163
14	Event-triggered maximum likelihood state estimation. Automatica, 2014, 50, 247-254.	3.0	163
15	Detection Against Linear Deception Attacks on Multi-Sensor Remote State Estimation. IEEE Transactions on Control of Network Systems, 2018, 5, 846-856.	2.4	161
16	An event-triggered approach to state estimation with multiple point- and set-valued measurements. Automatica, 2014, 50, 1641-1648.	3.0	140
17	Distributed filtering under false data injection attacks. Automatica, 2019, 102, 34-44.	3.0	130
18	Stochastic sensor activation for distributed state estimation over a sensor network. Automatica, 2014, 50, 2070-2076.	3.0	117

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19	Optimal Periodic Sensor Scheduling With Limited Resources. IEEE Transactions on Automatic Control, 2011, 56, 2190-2195.	3.6	99
20	Stochastic link activation for distributed filtering under sensor power constraint. Automatica, 2017, 75, 109-118.	3.0	95
21	SATS: Secure Average-Consensus-Based Time Synchronization in Wireless Sensor Networks. IEEE Transactions on Signal Processing, 2013, 61, 6387-6400.	3.2	94
22	On Set-Valued Kalman Filtering and Its Application to Event-Based State Estimation. IEEE Transactions on Automatic Control, 2015, 60, 1275-1290.	3.6	94
23	Multi-Sensor Scheduling for State Estimation With Event-Based, Stochastic Triggers. IEEE Transactions on Automatic Control, 2016, 61, 2695-2701.	3.6	87
24	Optimal Attack Energy Allocation against Remote State Estimation. IEEE Transactions on Automatic Control, 2018, 63, 2199-2205.	3.6	87
25	Toward Event-Triggered Extended State Observer. IEEE Transactions on Automatic Control, 2018, 63, 1842-1849.	3.6	86
26	Scheduling Two Gauss–Markov Systems: An Optimal Solution for Remote State Estimation Under Bandwidth Constraint. IEEE Transactions on Signal Processing, 2012, 60, 2038-2042.	3.2	85
27	Kalman filtering over a packet-delaying network: A probabilistic approach. Automatica, 2009, 45, 2134-2140.	3.0	84
28	Optimal sensor scheduling for multiple linear dynamical systems. Automatica, 2017, 75, 260-270.	3.0	83
29	Deep reinforcement learning for wireless sensor scheduling in cyber–physical systems. Automatica, 2020, 113, 108759.	3.0	82
30	Probabilistic performance of state estimation across a lossy network. Automatica, 2008, 44, 3046-3053.	3.0	80
31	Convergence and Mean Square Stability of Suboptimal Estimator for Systems With Measurement Packet Dropping. IEEE Transactions on Automatic Control, 2012, 57, 1248-1253.	3.6	80
32	The Performance and Limitations of $epsilon$- Stealthy Attacks on Higher Order Systems. IEEE Transactions on Automatic Control, 2017, 62, 941-947.	3.6	75
33	Deterministic Sensor Data Scheduling Under Limited Communication Resource. IEEE Transactions on Signal Processing, 2011, 59, 5050-5056.	3.2	64
34	Distributed Kalman Filters With State Equality Constraints: Time-Based and Event-Triggered Communications. IEEE Transactions on Automatic Control, 2020, 65, 28-43.	3.6	64
35	Sequential fusion estimation for clustered sensor networks. Automatica, 2018, 89, 358-363.	3.0	63
36	Power Control of an Energy Harvesting Sensor for Remote State Estimation. IEEE Transactions on Automatic Control, 2017, 62, 277-290.	3.6	61

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37	Multi-Sensor Kalman Filtering With Intermittent Measurements. IEEE Transactions on Automatic Control, 2018, 63, 797-804.	3.6	59
38	Optimal Denial-of-Service attack energy management against state estimation over an SINR-based network. Automatica, 2020, 119, 109090.	3.0	59
39	Optimal Sensor Power Scheduling for State Estimation of Gauss–Markov Systems Over a Packet-Dropping Network. IEEE Transactions on Signal Processing, 2012, 60, 2701-2705.	3.2	58
40	Infinite Horizon Optimal Transmission Power Control for Remote State Estimation Over Fading Channels. IEEE Transactions on Automatic Control, 2018, 63, 85-100.	3.6	57
41	Optimal Periodic Transmission Power Schedules for Remote Estimation of ARMA Processes. IEEE Transactions on Signal Processing, 2013, 61, 6164-6174.	3.2	54
42	Attack allocation on remote state estimation in multi-systems: Structural results and asymptotic solution. Automatica, 2018, 87, 184-194.	3.0	53
43	Causality Countermeasures for Anomaly Detection in Cyber-Physical Systems. IEEE Transactions on Automatic Control, 2018, 63, 386-401.	3.6	52
44	Secure State Estimation Against Integrity Attacks: A Gaussian Mixture Model Approach. IEEE Transactions on Signal Processing, 2019, 67, 194-207.	3.2	52
45	Time and Event-based Sensor Scheduling for Networks with Limited Communication Resources. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 13263-13268.	0.4	50
46	Consensus-Based Data-Privacy Preserving Data Aggregation. IEEE Transactions on Automatic Control, 2019, 64, 5222-5229.	3.6	50
47	Dynamic sensor transmission power scheduling for remote state estimation. Automatica, 2014, 50, 1235-1242.	3.0	47
48	Worst-Case Innovation-Based Integrity Attacks With Side Information on Remote State Estimation. IEEE Transactions on Control of Network Systems, 2019, 6, 48-59.	2.4	47
49	Optimal DoS attack policy against remote state estimation. , 2013, , .		46
50	Accurate clock synchronization in wireless sensor networks with bounded noise. Automatica, 2017, 81, 350-358.	3.0	44
51	Distributed Privacy-Preserving Data Aggregation Against Dishonest Nodes in Network Systems. IEEE Internet of Things Journal, 2019, 6, 1462-1470.	5.5	43
52	DoS Attacks on Remote State Estimation With Asymmetric Information. IEEE Transactions on Control of Network Systems, 2019, 6, 653-666.	2.4	41
53	A Game-Theoretic Approach to Fake-Acknowledgment Attack on Cyber-Physical Systems. IEEE Transactions on Signal and Information Processing Over Networks, 2017, 3, 1-11.	1.6	39
54	An Online Sensor Power Schedule for Remote State Estimation With Communication Energy Constraint. IEEE Transactions on Automatic Control, 2014, 59, 1942-1947.	3.6	38

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55	Optimal scheduling of multiple sensors over shared channels with packet transmission constraint. Automatica, 2018, 96, 22-31.	3.0	38
56	On the Performance Analysis of Reset Attack in Cyber-Physical Systems. IEEE Transactions on Automatic Control, 2020, 65, 419-425.	3.6	37
57	Optimal Periodic Sensor Schedule for Steady-State Estimation Under Average Transmission Energy Constraint. IEEE Transactions on Automatic Control, 2013, 58, 3265-3271.	3.6	36
58	Consensus Under Bounded Noise in Discrete Network Systems: An Algorithm With Fast Convergence and High Accuracy. IEEE Transactions on Cybernetics, 2016, 46, 2874-2884.	6.2	36
59	Randomized Consensus-Based Distributed Kalman Filtering Over Wireless Sensor Networks. IEEE Transactions on Automatic Control, 2021, 66, 3794-3801.	3.6	36
60	How Can Online Schedules Improve Communication and Estimation Tradeoff?. IEEE Transactions on Signal Processing, 2013, 61, 1625-1631.	3.2	35
61	Data-driven power control for state estimation: A Bayesian inference approach. Automatica, 2015, 54, 332-339.	3.0	34
62	Event-Triggered Sampled-Data Control: An Active Disturbance Rejection Approach. IEEE/ASME Transactions on Mechatronics, 2019, 24, 2052-2063.	3.7	31
63	Optimal Scheduling of Multiple Sensors Over Lossy and Bandwidth Limited Channels. IEEE Transactions on Control of Network Systems, 2020, 7, 1188-1200.	2.4	31
64	Distributed state estimation for uncertain linear systems: A regularized least-squares approach. Automatica, 2020, 117, 109007.	3.0	31
65	Deterministic Sensor Selection for Centralized State Estimation Under Limited Communication Resource. IEEE Transactions on Signal Processing, 2015, 63, 2336-2348.	3.2	30
66	Stochastic Game in Remote Estimation Under DoS Attacks. , 2017, 1, 146-151.		30
67	Schedule Communication for Decentralized State Estimation. IEEE Transactions on Signal Processing, 2013, 61, 2525-2535.	3.2	29
68	Finite Horizon LQR Control With Limited Controller-System Communication. IEEE Transactions on Automatic Control, 2013, 58, 1835-1841.	3.6	29
69	Estimation Over Wireless Sensor Networks: Tradeoff between Communication, Computation and Estimation Qualities. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 605-611.	0.4	28
70	Jamming attack on Cyber-Physical Systems: A game-theoretic approach. , 2013, , .		28
71	Optimal Parameter Estimation Under Controlled Communication Over Sensor Networks. IEEE Transactions on Signal Processing, 2015, 63, 6473-6485.	3.2	28
72	Finite-horizon Gaussianity-preserving event-based sensor scheduling in Kalman filter applications. Automatica, 2016, 72, 100-107.	3.0	28

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73	An Event-Based Stealthy Attack on Remote State Estimation. IEEE Transactions on Automatic Control, 2020, 65, 4348-4355.	3.6	28
74	Remote State Estimation in the Presence of an Active Eavesdropper. IEEE Transactions on Automatic Control, 2021, 66, 229-244.	3.6	28
75	Event-Triggered State Estimation: Experimental Performance Assessment and Comparative Study. IEEE Transactions on Control Systems Technology, 2017, 25, 1865-1872.	3.2	27
76	Time synchronization in WSNs: A maximum value based consensus approach. , 2011, , .		26
77	On Optimal Partial Broadcasting of Wireless Sensor Networks for Kalman Filtering. IEEE Transactions on Automatic Control, 2012, 57, 715-721.	3.6	25
78	Online Deception Attack Against Remote State Estimation. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 128-133.	0.4	25
79	An improved stability condition for Kalman filtering with bounded Markovian packet losses. Automatica, 2015, 62, 32-38.	3.0	25
80	Performance Assessment of Discrete-Time Extended State Observers: Theoretical and Experimental Results. IEEE Transactions on Circuits and Systems I: Regular Papers, 2018, 65, 2256-2268.	3.5	25
81	Learning Optimal Scheduling Policy for Remote State Estimation Under Uncertain Channel Condition. IEEE Transactions on Control of Network Systems, 2020, 7, 579-591.	2.4	25
82	Kalman Filtering Over Graphs: Theory and Applications. IEEE Transactions on Automatic Control, 2009, 54, 2230-2234.	3.6	24
83	A Stochastic Online Sensor Scheduler for Remote State Estimation With Time-Out Condition. IEEE Transactions on Automatic Control, 2014, 59, 3110-3116.	3.6	23
84	Event-triggered minimax state estimation with a relative entropy constraint. Automatica, 2019, 110, 108592.	3.0	23
85	Whittle Index Policy for Dynamic Multichannel Allocation in Remote State Estimation. IEEE Transactions on Automatic Control, 2020, 65, 591-603.	3.6	23
86	Estimation with Information Loss: Asymptotic Analysis and Error Bounds. , 0, , .		22
87	Sensor scheduling over a packet-delaying network. Automatica, 2011, 47, 1089-1092.	3.0	22
88	Optimal Denial-of-Service attack scheduling against linear quadratic Gaussian control. , 2014, , .		22
89	Time Synchronization for Random Mobile Sensor Networks. IEEE Transactions on Vehicular Technology, 2014, 63, 3935-3946.	3.9	22
90	Drift-Free and Self-Aligned IMU-based Human Gait Tracking System with Augmented Precision and Robustness. IEEE Robotics and Automation Letters, 2020, , 1-1.	3.3	21

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91	Event-Based State Estimation of Hidden Markov Models Through a Gilbertâ€"Elliott Channel. IEEE Transactions on Automatic Control, 2017, 62, 3626-3633.	3.6	19
92	Defensive deception against reactive jamming attacks in remote state estimation. Automatica, 2020, 113, 108680.	3.0	19
93	Decentralised final value theorem for discrete-time LTI systems with application to minimal-time distributed consensus. , 2009, , .		18
94	Online sensor transmission power schedule for remote state estimation. , 2013, , .		18
95	Sparse Linear Injection Attack on Multi-Agent Consensus Control Systems. , 2021, 5, 665-670.		18
96	Effective Sensor Scheduling Schemes in a Sensor Network by Employing Feedback in the Communication Loop. Control Applications (CCA), Proceedings of the IEEE International Conference on, 2007, , .	0.0	17
97	Optimal innovation-based deception attack on remote state estimation. , 2017, , .		17
98	Kalman filtering over a packet dropping network: A probabilistic approach. , 2008, , .		15
99	Deception-based Sensor Scheduling for Remote Estimation under DoS Attacks. IFAC-PapersOnLine, 2016, 49, 169-174.	0.5	15
100	A Novel Warehouse Multi-Robot Automation System with Semi-Complete and Computationally Efficient Path Planning and Adaptive Genetic Task Allocation Algorithms. , 2018, , .		15
101	Multi-sensor transmission power scheduling for remote state estimation under SINR model. , 2014, , .		14
102	Event-based state estimation of linear dynamical systems: Communication rate analysis. , 2014, , .		13
103	Encryption scheduling for remote state estimation under an operation constraint. Automatica, 2021, 127, 109537.	3.0	13
104	An Opportunistic Sensor Scheduling Solution to Remote State Estimation Over Multiple Channels. IEEE Transactions on Signal Processing, 2016, 64, 4905-4917.	3.2	12
105	Quickest Change Detection With Observation Scheduling. IEEE Transactions on Automatic Control, 2017, 62, 2635-2647.	3.6	12
106	Stochastic Event-Based Sensor Schedules for Remote State Estimation in Cognitive Radio Sensor Networks. IEEE Transactions on Automatic Control, 2021, 66, 2407-2414.	3.6	12
107	An improved hybrid sensor schedule for remote state estimation under limited communication resources. , 2012, , .		11
108	A Game-theoretic Approach to Remote State Estimation in Presence of a DoS Attacker. IFAC-PapersOnLine, 2017, 50, 2595-2600.	0.5	11

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109	Practical closed-loop dynamic pricing in smart grid for supply and demand balancing. Automatica, 2018, 89, 92-102.	3.0	11
110	Joint Power Allocation for Remote State Estimation With SWIPT. IEEE Transactions on Signal Processing, 2022, 70, 1434-1447.	3.2	11
111	Clock synchronization for random mobile sensor networks. , 2012, , .		10
112	Stochastic event-triggered sensor scheduling for remote state estimation. , 2013, , .		10
113	Event-based attack against remote state estimation. , 2015, , .		10
114	Worst-case analysis of innovation-based linear attack on remote state estimation with resource constraint. , 2016, , .		10
115	Optimal Scheduling of Multiple Sensors with Packet Length Constraint. IFAC-PapersOnLine, 2017, 50, 14430-14435.	0.5	10
116	Multi-sensor Transmission Management for Remote State Estimation under Coordination. IFAC-PapersOnLine, 2017, 50, 3829-3834.	0.5	10
117	State Estimation Over Delayed Mutihop Network. IEEE Transactions on Automatic Control, 2018, 63, 3545-3550.	3.6	10
118	Performance Evaluation of Distributed Linear Regression Kalman Filtering Fusion. IEEE Transactions on Automatic Control, 2021, 66, 2889-2896.	3.6	10
119	Fake-acknowledgment attack on ACK-based sensor power schedule for remote state estimation. , 2015, , .		9
120	Multi-Party Dynamic State Estimation That Preserves Data and Model Privacy. IEEE Transactions on Information Forensics and Security, 2021, 16, 2288-2299.	4.5	9
121	On the nonexistence of event-based triggers that preserve Gaussian state in presence of package-drop. , 2017, , .		9
122	Jamming attack in centralized state estimation. , 2015, , .		8
123	Time Synchronization Attack and Countermeasure for Multisystem Scheduling in Remote Estimation. IEEE Transactions on Automatic Control, 2021, 66, 916-923.	3.6	8
124	Distributed State Estimation for Continuous-Time Linear Systems With Correlated Measurement Noise. IEEE Transactions on Automatic Control, 2022, 67, 4614-4628.	3.6	8
125	Infinite-horizon sensor scheduling for estimation over lossy networks. , 2012, , .		7
126	Multi-Sensor Scheduling for State Estimation with Event-Based, Stochastic Triggers*. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 15-22.	0.4	7

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127	Optimal DoS attacks on Bayesian quickest change detection. , 2014, , .		7
128	Transmission Power Scheduling for Energy Harvesting Sensor in Remote State Estimation. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 122-127.	0.4	7
129	Multi-Sensor-Based Aperiodic Least-Squares Estimation for Networked Systems With Transmission Constraints. IEEE Transactions on Signal Processing, 2015, 63, 2349-2363.	3.2	7
130	Pricing and Selection of Channels for Remote State Estimation Using a Stackelberg Game Framework. IEEE Transactions on Signal and Information Processing Over Networks, 2019, 5, 657-668.	1.6	7
131	Joint Sensor and Actuator Placement for Infinite-Horizon LQG Control. IEEE Transactions on Automatic Control, 2022, 67, 398-405.	3.6	7
132	Consensus-based distributed filtering with fusion step analysis. Automatica, 2022, 142, 110408.	3.0	7
133	Stochastic Filtering for Diffusion Processes With Level Crossings. IEEE Transactions on Automatic Control, 2011, 56, 2201-2206.	3.6	6
134	Improved results on transmission power control for remote state estimation. Systems and Control Letters, 2017, 107, 44-48.	1.3	6
135	Zeno-Free Stochastic Distributed Event-Triggered Consensus Control for Multi-Agent Systems. , 2019, , .		6
136	On the Nonexistence of Event Triggers That Preserve Gaussian State in Presence of Packet-Drop. IEEE Transactions on Automatic Control, 2020, 65, 4302-4307.	3.6	6
137	Remote state estimation with usage-dependent Markovian packet losses. Automatica, 2021, 123, 109342.	3.0	6
138	Interference Game for Intelligent Sensors in Cyber–physical Systems. Automatica, 2021, 129, 109668.	3.0	6
139	Multi-Kernel Maximum Correntropy Kalman Filter. , 2022, 6, 1490-1495.		6
140	Consequence Analysis of Innovation-based Integrity Attacks with Side Information on Remote State Estimation * *The work by Z. Guo and L. Shi is supported by an HKUST KTH Partnership FP804. The work by D. Shi is supported by Natural Science Foundation of China (61503027). The work by K.H. Johansson is supported by the Knut and Alice Wallenberg Foundation and the Swedish Research Council.. IFAC-PapersOnLine, 2017, 50, 8399-8404.	0.5	5
141	Quickest Change Detection in Adaptive Censoring Sensor Networks. IEEE Transactions on Control of Network Systems, 2018, 5, 239-250.	2.4	5
142	Finite Time Encryption Schedule in the Presence of an Eavesdropper with Operation Cost. , 2019, , .		5
143	Proportional Tracking Control of Positive Linear Systems. , 2022, 6, 1670-1675.		5
144	Scheduling for finite time consensus. , 2009, , .		4

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145	Distributed time synchronization under bounded noise in wireless sensor networks. , 2014, , .		4
146	A secure cross-layer design for remote estimation under DoS attack: When multi-sensor meets multi-channel. , 2016, , .		4
147	A study of packet-reordering integrity attack on remote state estimation. , 2016, , .		4
148	Optimal DoS Attacks on Remote State Estimation with a Router. , 2018, , .		4
149	Remote State Estimation With a Strategic Sensor Using a Stackelberg Game Framework. IEEE Transactions on Control of Network Systems, 2021, 8, 1613-1623.	2.4	4
150	Optimal unbiased linear sensor fusion over multiple lossy channels with collective observability. Automatica, 2021, 128, 109568.	3.0	4
151	Linear Gaussian Systems and Event-Based State Estimation. Studies in Systems, Decision and Control, 2016, , 33-46.	0.8	4
152	Privacy Preserving via Secure Summation in Distributed Kalman Filtering. IEEE Transactions on Control of Network Systems, 2022, 9, 1481-1492.	2.4	4
153	Optimal two-sensor scheduling under duty cycle constraint. Systems and Control Letters, 2013, 62, 1175-1179.	1.3	3
154	A study of estimation and communication tradeoff using an event-based approach. , 2013, , .		3
155	Distributed Kalman Filter with minimum-time covariance computation. , 2013, , .		3
156	Supply and demand in smart grid: A closed-loop pricing strategy. , 2015, , .		3
157	Optimal DoS attack strategy against remote state estimation over lossy networks. , 2017, , .		3
158	Optimal denial-of-service attack on feedback channel against acknowledgment-based sensor power schedule for remote estimation. , 2017, , .		3
159	Optimal Stealthy Attack under KL Divergence and Countermeasure with Randomized Threshold. IFAC-PapersOnLine, 2017, 50, 9496-9501.	0.5	3
160	Efficient Linear Sensor Fusion Over Multiple Lossy Channels With Local Observability. , 2019, 3, 721-726.		3
161	Max–Min Fair Sensor Scheduling: Game-Theoretic Perspective and Algorithmic Solution. IEEE Transactions on Automatic Control, 2021, 66, 2379-2385.	3.6	3
162	Mean-Field Transmission Power Control in Dense Networks. IEEE Transactions on Control of Network Systems, 2021, 8, 99-110.	2.4	3

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163	On the Performance Analysis of Binary Hypothesis Testing with Byzantine Sensors. , 2019, , .		3
164	Learning-Based DoS Attack Power Allocation in Multiprocess Systems. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 8017-8030.	7.2	3
165	Strategic DoS Attack in Continuous Space for Cyber-Physical Systems Over Wireless Networks. IEEE Transactions on Signal and Information Processing Over Networks, 2022, 8, 421-432.	1.6	3
166	Multi-Kernel Maximum Correntropy Kalman Filter for Orientation Estimation. IEEE Robotics and Automation Letters, 2022, 7, 6693-6700.	3.3	3
167	State estimation over a network: Packet-dropping analysis and design. , 2009, , .		2
168	Sensor data scheduling over a packet-dropping network. , 2010, , .		2
169	Sensor scheduling with limited communication energy and bandwidth. , 2010, , .		2
170	An innovative packet-splitting approach for kalman filtering over lossy networks. , 2011, , .		2
171	Consensus and convergence rate analysis for multi-agent systems with time delay. , 2012, , .		2
172	Bayesian quickest change detection under energy constraints over wireless sensor networks with correlated fading channels. , 2014, , .		2
173	Stochastic packet scheduling for optimal parameter estimation. , 2015, , .		2
174	A data-driven power schedule for privacy protection in remote state estimation. , 2016, , .		2
175	Dynamic Pricing for Power Control in Remote State Estimation. IFAC-PapersOnLine, 2020, 53, 11038-11043.	0.5	2
176	A Stochastic Event-Triggering Approach. Studies in Systems, Decision and Control, 2016, , 109-141.	0.8	2
177	State estimation over a communication network: measurement or estimate communication?. Journal of Control Theory and Applications, 2010, 8, 20-26.	0.8	1
178	Networked state estimation of MIMO Systems. , 2012, , .		1
179	Sensor data scheduling for linear quadratic Gaussian control with full state feedback. , 2012, , .		1
180	Minimum sensor duty cycle with guaranteed estimator performance. , 2012, , .		1

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181	An event-based scheduling solution for remote state estimation of two LTI systems under bandwidth constraint. , 2013, , .		1
182	Analysis and design of secure cyber-physical systems. Control Theory and Technology, 2014, 12, 413-414.	1.0	1
183	State estimation of finite-state hidden Markov models subject to stochastically event-triggered measurements. , 2015, , .		1
184	Stability analysis for Kalman filtering in a muti-hop network. , 2015, , .		1
185	A Game-Theoretic Approach to Jamming Attacks on Remote State Estimation in Cyber-Physical Systems. , 2016, , 3-30.		1
186	Game-theoretic pricing and selection with fading channels. , 2017, , .		1
187	Time Decision for Multi-Input and Multi-Output Networked Control Systems. IEEE Transactions on Control of Network Systems, 2020, 7, 558-567.	2.4	1
188	A comprehensive swarming intelligent method for optimizing deep learning-based object detection by unmanned ground vehicles. PLoS ONE, 2021, 16, e0251339.	1.1	1
189	Learning hidden Markov models for linear Gaussian systems with applications to event-based state estimation. Automatica, 2021, 128, 109560.	3.0	1
190	Convergence and mean square stability of optimal estimators for systems with measurement packet dropping. , 2010, , .		0
191	On optimal partial broadcasting of wireless sensor networks for Kalman filtering. , 2011, , .		0
192	State estimation over a lossy network using linear temporal coding. , 2012, , .		0
193	Communication scheduling for decentralized state estimation. , 2012, , .		0
194	Stochastic online sensor scheduler for remote state estimation. , 2013, , .		0
195	Sensor scheduling for communication resource minimization in in centralized state estimation. , 2014, , .		0
196	Sensor selection and routing design for state estimation over wireless sensor networks. , 2017, , .		0
197	Corrections to â€œMulti-Sensor Kalman Filtering With Intermittent Measurementsâ€•[Mar 18 797-804]. IEEE Transactions on Automatic Control, 2018, 63, 1545-1545.	3.6	0
198	Stochastic Optimal Control of Dynamic Queue Systems: A Probabilistic Perspective. , 2018, , .		0

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199	Optimal Continuous Glucose Monitoring Sensor Calibration for Patients with Type 1 Diabetes. , 2019, , .		0
200	Event-Triggered Active Disturbance Rejection Control. Studies in Systems, Decision and Control, 2021, , 81-103.	0.8	0
201	Cyber-Physical Systems Security: A Control-Theoretic Approach. , 2021, , 487-497.		0
202	Event-Triggered ADRC for Electric Cylinders with PD-Type Event-Triggering Conditions. Studies in Systems, Decision and Control, 2021, , 161-182.	0.8	0
203	Event-Triggered Extended State Observer. Studies in Systems, Decision and Control, 2021, , 61-79.	0.8	0
204	Performance Assessment of Discrete-Time Extended State Observers. Studies in Systems, Decision and Control, 2021, , 31-59.	0.8	0
205	Approximate Event-Triggering Approaches. Studies in Systems, Decision and Control, 2016, , 47-75.	0.8	0
206	Cyber-Physical Systems Security: A Control-Theoretic Approach. , 2020, , 1-11.		0
207	Linear Quadratic Control of Positive Systems: A Projection-Based Approach. IEEE Transactions on Automatic Control, 2023, 68, 2376-2382.	3.6	0