

# Alex S Leong

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

472  
citations

933447

10  
h-index

996975

15  
g-index

23  
all docs

23  
docs citations

23  
times ranked

380  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sensor Scheduling in Variance Based Event Triggered Estimation With Packet Drops. IEEE Transactions on Automatic Control, 2017, 62, 1880-1895.	5.7	92
2	Deep reinforcement learning for wireless sensor scheduling in cyber-physical systems. Automatica, 2020, 113, 108759.	5.0	82
3	Transmission Scheduling for Remote State Estimation Over Packet Dropping Links in the Presence of an Eavesdropper. IEEE Transactions on Automatic Control, 2019, 64, 3732-3739.	5.7	60
4	Transmission scheduling for remote state estimation and control with an energy harvesting sensor. Automatica, 2018, 91, 54-60.	5.0	40
5	Tradeoffs in Stochastic Event-Triggered Control. IEEE Transactions on Automatic Control, 2019, 64, 2567-2574.	5.7	29
6	Remote State Estimation in the Presence of an Active Eavesdropper. IEEE Transactions on Automatic Control, 2021, 66, 229-244.	5.7	28
7	Estimation in Wireless Sensor Networks With Security Constraints. IEEE Transactions on Aerospace and Electronic Systems, 2017, 53, 544-561.	4.7	25
8	State estimation over Markovian packet dropping links in the presence of an eavesdropper. , 2017, , .		14
9	On the Use of Artificial Noise for Secure State Estimation in the Presence of Eavesdroppers. , 2018, , .		14
10	Event-Based Transmission Scheduling and LQG Control Over a Packet Dropping Link. IFAC-PapersOnLine, 2017, 50, 8945-8950.	0.9	12
11	Distortion Outage Minimization in Distributed Estimation With Estimation Secrecy Outage Constraints. IEEE Transactions on Signal and Information Processing Over Networks, 2017, 3, 12-28.	2.8	11
12	On Remote State Estimation in the Presence of an Eavesdropper. IFAC-PapersOnLine, 2017, 50, 7339-7344.	0.9	11
13	On Network Topology Reconfiguration for Remote State Estimation. IEEE Transactions on Automatic Control, 2016, 61, 3842-3856.	5.7	10
14	Optimal event-triggered transmission scheduling for privacy-preserving wireless state estimation. International Journal of Robust and Nonlinear Control, 2020, 30, 4205-4224.	3.7	8
15	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.	2.8	7
16	Information Bounds for State Estimation in the Presence of an Eavesdropper. , 2019, 3, 547-552.		7
17	Identification of FIR Systems With Binary Input and Output Observations. IEEE Transactions on Automatic Control, 2021, 66, 1190-1198.	5.7	7
18	Finite Time Encryption Schedule in the Presence of an Eavesdropper with Operation Cost. , 2019, , .		5

#	ARTICLE	IF	CITATIONS
19	On the identification of FIR systems with binary input and output observations. , 2016, , .		4
20	Optimal transmission policies for variance based event triggered estimation with an energy harvesting sensor. , 2016, , .		4
21	Game-theoretic pricing and selection with fading channels. , 2017, , .		1
22	Remote State Estimation in the Presence of an Eavesdropper. Lecture Notes in Control and Information Sciences, 2021, , 231-256.	1.0	1
23	Optimal Transmission Scheduling for Event-Triggered Estimation with Packet Drops. Springer Briefs in Electrical and Computer Engineering, 2018, , 35-64.	0.5	0