Ahmet ÃetÄºnkaya

List of Publications by Year
in descending order

36 papers	631 citations	840776 11 h-index	677142 22 g-index
37 all docs	37 docs citations	37 times ranked	425 citing authors

#	Article	IF	Citations
1	Effects of Jamming Attacks on Wireless Networked Control Systems Under Disturbance. IEEE Transactions on Automatic Control, 2023, 68, 1223-1230.	5.7	3
2	Instabilizability Conditions for Continuous-Time Stochastic Systems Under Control Input Constraints. , 2022, 6, 1430-1435.		1
3	Linearization-Based Quantized Stabilization of Nonlinear Systems Under DoS Attacks. IEEE Transactions on Automatic Control, 2022, 67, 6826-6833.	5.7	12
4	Resilient quantized control under Denial-of-Service: Variable bit rate quantization. Automatica, 2022, 141, 110302.	5.0	4
5	Networked Control Under DoS Attacks: Tradeoffs Between Resilience and Data Rate. IEEE Transactions on Automatic Control, 2021, 66, 460-467.	5.7	59
6	Dynamic Resilient Network Games With Applications to Multiagent Consensus. IEEE Transactions on Control of Network Systems, 2021, 8, 246-259.	3.7	13
7	Impossibility Results for Constrained Control of Stochastic Systems. IEEE Transactions on Automatic Control, 2021, , 1-1.	5.7	1
8	Security Analysis of Linearization for Nonlinear Networked Control Systems Under DoS. IEEE Transactions on Control of Network Systems, 2021, 8, 1692-1704.	3.7	13
9	Resilient Quantized Control under Denial-of-Service with the Application of Variable Bit Rate Quantization. , 2021, , .		2
10	Cluster Formation in Multiagent Consensus via Dynamic Resilient Graph Games. , 2021, , .		1
11	Nonlinear Data-Driven Control for Stabilizing Periodic Orbits. , 2021, , .		2
12	Rolling Horizon Games for Cluster Formation of Resilient Multiagent Systems. , 2021, , .		0
13	Stabilization of Networked Control Systems Under DoS Attacks and Output Quantization. IEEE Transactions on Automatic Control, 2020, 65, 3560-3575.	5.7	62
14	Randomized Transmission Protocols for Protection against Jamming Attacks in Multi-Agent Consensus. Automatica, 2020, 117, 108960.	5.0	29
15	DoS-Aware Quantized Control of Nonlinear Systems via Linearization. IFAC-PapersOnLine, 2020, 53, 3054-3059.	0.9	3
16	Dynamic Resilient Network Games Considering Connectivity. , 2020, , .		4
17	An Impossibility Result Concerning Bounded Average-Moment Control of Linear Stochastic Systems. IFAC-PapersOnLine, 2020, 53, 2267-2272.	0.9	1
18	Dynamic Resilient Graph Games for State-Dependent Jamming Attacks Analysis on Multi-Agent Systems. IFAC-PapersOnLine, 2020, 53, 3421-3426.	0.9	3

#	Article	IF	Citations
19	An Overview on Denial-of-Service Attacks in Control Systems: Attack Models and Security Analyses. Entropy, 2019, 21, 210.	2.2	88
20	Networked Control under DoS Attacks: Trade-off between Resilience and Data Rate. , 2019, , .		10
21	Randomized Transmissions for Networked Control Under High-Frequency Jamming. IFAC-PapersOnLine, 2019, 52, 375-380.	0.9	5
22	Stabilization of Nonlinear Networked Control Systems under Denial-of-Service Attacks: A Linearization Approach. , 2019, , .		5
23	A Sampled-Data Approach to Pyragas-Type Delayed Feedback Stabilization of Periodic Orbits. IEEE Transactions on Automatic Control, 2019, 64, 3748-3755.	5.7	8
24	Analysis of Stochastic Switched Systems With Application to Networked Control Under Jamming Attacks. IEEE Transactions on Automatic Control, 2019, 64, 2013-2028.	5.7	48
25	Subgame Perfect Equilibrium Analysis for Jamming Attacks on Resilient Graphs. , 2019, , .		10
26	Quantized Output Feedback Stabilization under DoS Attacks. , 2018, , .		10
27	State-Dependent Jamming Interference in Networked Stabilization. , 2018, , .		3
28	The Effect of Time-Varying Jamming Interference on Networked Stabilization. SIAM Journal on Control and Optimization, 2018, 56, 2398-2435.	2.1	11
29	Stabilizing unstable periodic orbits with delayed feedback control in act-and-wait fashion. Systems and Control Letters, 2018, 113, 71-77.	2.3	6
30	Self-triggered control with tradeoffs in communication and computation. Automatica, 2018, 94, 373-380.	5.0	20
31	Networked Control Under Random and Malicious Packet Losses. IEEE Transactions on Automatic Control, 2017, 62, 2434-2449.	5.7	153
32	Stochastic communication protocols for multi-agent consensus under jamming attacks. , 2017, , .		18
33	Wireless Control Under Jamming Attacks with Bounded Average Interference Power * *This work was supported in part by the JST CREST Grant No. JPMJCR15K3 and by JSPS under Grant-in-Aid for Scientific Research Grant No. 15H04020.. IFAC-PapersOnLine, 2017, 50, 8405-8410.	0.9	0
34	Self-triggered control for communication reduction in networked systems. IFAC-PapersOnLine, 2016, 49, 280-285.	0.9	2
35	Event-Triggered Output Feedback Control Resilient Against Jamming Attacks and Random Packet Lossesâˆ—â€”This work was supported in part by Japan Science and TechnologyAgency under the CREST program.. IFAC-PapersOnLine, 2015, 48, 270-275.	0.9	19
36	Sampled-data delayed feedback control for stabilizing unstable periodic orbits. , 2015, , .		2