Cheng Tan

List of Publications by Year
in descending order

27 papers	417 citations	932766 10 h-index	794141 19 g-index
27 all docs	27 docs citations	27 times ranked	270 citing authors

#	ARTICLE	IF	CITATIONS
1	Self-Supervised Learning on Graphs: Contrastive, Generative, or Predictive. IEEE Transactions on Knowledge and Data Engineering, 2023, 35, 4216-4235.	4.0	42
2	Adaptive Control of Uncertain Nonlinear Time-Delay Systems With External Disturbance. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1288-1295.	5.9	25
3	Learning-Based Control Policy and Regret Analysis for Online Quadratic Optimization With Asymmetric Information Structure. IEEE Transactions on Cybernetics, 2022, 52, 4797-4810.	6.2	7
4	Multi-level disentanglement graph neural network. Neural Computing and Applications, 2022, 34, 9087-9101.	3.2	4
5	OT Cleaner: Label Correction as Optimal Transport. , 2022, , .		5
6	Stochastic Stabilization for Discrete-Time System with Input Delay and Multiplicative Noise in Control Variable. Processes, 2022, 10, 989.	1.3	3
7	Feedback Stabilization of Uncertain Networked Control Systems Over Delayed and Fading Channels. IEEE Transactions on Control of Network Systems, 2021, 8, 260-268.	2.4	24
8	Joint design of control policy and network scheduling policy for wireless networked control systems: Theory and application. Information Sciences, 2021, 575, 563-586.	4.0	6
9	Learning in multi-agent systems with asymmetric information structure. Neurocomputing, 2020, 412, 351-359.	3.5	2
10	Control for Multiplicative Noise Systems With Intermittent Noise and Input Delay. IEEE Access, 2020, 8, 17713-17721.	2.6	0
11	Integrated stabilisation policy over multipath routing€enabled network. IET Control Theory and Applications, 2020, 14, 3312-3319.	1.2	3
12	Formation control for a string of interconnected second-order systems via target feedback. Journal of the Franklin Institute, 2019, 356, 8521-8541.	1.9	1
13	Stabilization of discrete time stochastic system with input delay and control dependent noise. Systems and Control Letters, 2019, 123, 62-68.	1.3	18
14	Gittins index based control policy for a class of pursuit€evasion problems. IET Control Theory and Applications, 2018, 12, 110-118.	1.2	4
15	Delay-Dependent Algebraic Riccati Equation to Stabilization of Networked Control Systems: Continuous-Time Case. IEEE Transactions on Cybernetics, 2018, 48, 2783-2794.	6.2	18
16	On Stability Condition of Wireless Networked Control Systems under Joint Design of Control Policy and Network Scheduling Policy. , 2018, , .		4
17	A new approach to distributed control for multi-agent systems based on approximate upper and lower bounds. International Journal of Control, Automation and Systems, 2017, 15, 2507-2515.	1.6	13
18	A distributed Kalman filter for a class of large-scale interconnected systems. , 2017, , .		0

#	Article	IF	Citations
19	Necessary and Sufficient Stabilizing Conditions for Networked Control Systems With Simultaneous Transmission Delay and Packet Dropout. IEEE Transactions on Automatic Control, 2017, 62, 4011-4016.	3.6	50
20	On delay–dependent algebraic Riccati equation. IET Control Theory and Applications, 2017, 11, 2506-2513.	1.2	2
21	The distributed optimal consensus algorithms for general linear multi-agent systems. , 2017, , .		1
22	Necessary and sufficient stabilizing conditions for networked control systems with simultaneous transmission delay and packet dropout. , 2015, , .		3
23	Stabilization of networked control systems with both network-induced delay and packet dropout. Automatica, 2015, 59, 194-199.	3.0	138
24	On observability and detectability of continuous-time stochastic Markov jump systems. Journal of Systems Science and Complexity, 2015, 28, 830-847.	1.6	32
25	Approximate method of distributed control for continuous-time multi-agent systems. , 2015, , .		0
26	On Detectability and Observability of Discrete–Time Stochastic <scp>M</scp>arkov Jump Systems with State–Dependent Noise. Asian Journal of Control, 2013, 15, 1366-1375.	1.9	11
27	Self-discipline predictive control against large-scale packet dropouts using input delay approach. International Journal of Systems Science, 0, , 1-14.	3.7	1