Jason J R Liu

List of Publications by Year
in descending order

19 papers	204 citations	1307366 7 h-index	1058333 14 g-index
19 all docs	19 docs citations	19 times ranked	131 citing authors

#	Article	IF	Citations
1	Positive Consensus of Fractional-Order Multiagent Systems Over Directed Graphs. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 9542-9548.	7.2	15
2	Further Improvements on Non-Negative Edge Consensus of Networked Systems. IEEE Transactions on Cybernetics, 2022, 52, 9111-9119.	6.2	7
3	Proportional–derivative controller design of continuous–time positive linear systems. International Journal of Robust and Nonlinear Control, 2022, 32, 9497-9511.	2.1	5
4	Nonnegative Consensus Tracking of Networked Systems With Convergence Rate Optimization. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 7534-7544.	7.2	6
5	Consensus of Positive Networked Systems on Directed Graphs. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 4575-4583.	7.2	6
6	Positive Consensus of Directed Multiagent Systems. IEEE Transactions on Automatic Control, 2022, 67, 3641-3646.	3.6	9
7	Generalized Lead-Lag H_∞ Compensators for MIMO Linear Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6207-6217.	5.9	2
8	Integrated fault estimation and fault tolerant control for a class of uncertain Lipschitz systems with time-delays in finite frequency domain. Journal of the Franklin Institute, 2021, 358, 7714-7739.	1.9	3
9	PD control of positive interval continuous-time systems with time-varying delay. Information Sciences, 2021, 580, 371-384.	4.0	10
10	Positivity-Preserving Consensus of Homogeneous Multiagent Systems. IEEE Transactions on Automatic Control, 2020, 65, 2724-2729.	3.6	46
11	Equivalent conditions of finite-time time-varying output-feedback control for discrete-time positive time-varying linear systems. Cogent Engineering, 2020, 7, 1791547.	1.1	1
12	Sequential Markov Games With Ordered Agents: A Bellman-Like Approach. , 2020, 4, 898-903.		0
13	An Exact Characterization of the L_1/L_∞ Index of Positive Systems and Its Application to Fault Detection Filter Design. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 3262-3266.	2.2	16
14	Robust and nonfragile consensus of positive multiagent systems via observer–based output–feedback protocols. International Journal of Robust and Nonlinear Control, 2020, 30, 5386-5403.	2.1	14
15	Distributed finite-time bipartite consensus of multi-agent systems on directed graphs: Theory and experiment in nano-quadcopters formation. Journal of the Franklin Institute, 2020, 357, 11953-11973.	1.9	18
16	A novel approach for positive edge consensus of nodal networks. Journal of the Franklin Institute, 2020, 357, 4349-4362.	1.9	7
17	Positive Consensus of Directed Multi-agent Systems using Dynamic Output-feedback Control. , 2019, , .		11
18	Consensus of Discrete-time Positive Multi-agent Systems with Observer-type Protocols. , 2019, , .		4

#	Article	IF	Citations
19	Non-fragile multivariable PID controller design via system augmentation. International Journal of Systems Science, 2017, 48, 2168-2181.	3.7	24