

Zhong-Hua Pang

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,216
citations

567281

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610901

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g-index

29
all docs

29
docs citations

29
times ranked

737
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and Implementation of Secure Networked Predictive Control Systems Under Deception Attacks. IEEE Transactions on Control Systems Technology, 2012, 20, 1334-1342.	5.2	207
2	Two-Channel False Data Injection Attacks Against Output Tracking Control of Networked Systems. IEEE Transactions on Industrial Electronics, 2016, 63, 3242-3251.	7.9	171
3	Data-Based Predictive Control for Networked Nonlinear Systems With Network-Induced Delay and Packet Dropout. IEEE Transactions on Industrial Electronics, 2016, 63, 1249-1257.	7.9	144
4	Output Tracking Control for Networked Systems: A Model-Based Prediction Approach. IEEE Transactions on Industrial Electronics, 2014, 61, 4867-4877.	7.9	108
5	Detection of stealthy false data injection attacks against networked control systems via active data modification. Information Sciences, 2021, 546, 192-205.	6.9	104
6	Observer-Based Incremental Predictive Control of Networked Multi-Agent Systems With Random Delays and Packet Dropouts. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 426-430.	3.0	70
7	A Novel Networked Predictive Control Method for Systems with Random Communication Constraints. Journal of Systems Science and Complexity, 2021, 34, 1364-1378.	2.8	61
8	Design and Performance Analysis of Incremental Networked Predictive Control Systems. IEEE Transactions on Cybernetics, 2016, 46, 1400-1410.	9.5	52
9	Cloud-Based Time-Varying Formation Predictive Control of Multi-Agent Systems With Random Communication Constraints and Quantized Signals. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 1282-1286.	3.0	49
10	False Data Injection Attacks Against Partial Sensor Measurements of Networked Control Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 149-153.	3.0	46
11	Data-based predictive control for networked nonlinear systems with two-channel packet dropouts. IET Control Theory and Applications, 2015, 9, 1154-1161.	2.1	33
12	An Output-Coding-Based Detection Scheme Against Replay Attacks in Cyber-Physical Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 3306-3310.	3.0	28
13	Data-based predictive control for networked nonlinear systems with packet dropout and measurement noise. Journal of Systems Science and Complexity, 2017, 30, 1072-1083.	2.8	27
14	Distance- and Velocity-Based Collision Avoidance for Time-Varying Formation Control of Second-Order Multi-Agent Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 1253-1257.	3.0	27
15	Stealthy false data injection attacks with resource constraints against multi-sensor estimation systems. ISA Transactions, 2022, 127, 32-40.	5.7	15
16	Reachability Analysis of Cyber-Physical Systems Under Stealthy Attacks. IEEE Transactions on Cybernetics, 2022, 52, 4926-4934.	9.5	14
17	Design and performance analysis of networked predictive control systems based on input-output difference equation model. International Journal of Control, Automation and Systems, 2017, 15, 416-426.	2.7	12
18	Data-Driven Adaptive Control: An Incremental Triangular Dynamic Linearization Approach. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 4949-4953.	3.0	11

#	ARTICLE	IF	CITATIONS
19	Networked Predictive Control of Systems with Communication Constraints and Cyber Attacks. , 2019, , .		10
20	A survey on hyper basis function neural networks. Systems Science and Control Engineering, 2019, 7, 495-507.	3.1	6
21	Networked Active Fault-Tolerant Predictive Control for Systems With Random Communication Constraints and Actuator/Sensor Faults. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 2166-2170.	3.0	6
22	Stealthy FDI Attacks Against Networked Control Systems Using Two Filters With an Arbitrary Gain. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 3219-3223.	3.0	6
23	Active fault-tolerant predictive control of networked systems subject to actuator faults and random communication constraints. International Journal of Control, 2022, 95, 2357-2363.	1.9	3
24	Active fault tolerant control of networked systems with sensor fault. , 2017, , .		2
25	Improved Model Free Adaptive Control Based on Compact Form Dynamic Linearization. , 2019, , .		1
26	Incremental networked predictive control of multi-agent systems with plant-model mismatch and random communication constraints. IET Control Theory and Applications, 2022, 16, 51-65.	2.1	1
27	Event-Triggered Cooperative Predictive Control for Networked Multi-Agent Systems with Random Delays and Packet Dropouts. Symmetry, 2022, 14, 541.	2.2	1
28	Networked Predictive Control Based on Linear Input-Output Model. , 2019, , 33-56.		0