

Jin-Xi Zhang

List of Publications by Year in descending order

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25
papers

1,222
citations

471509

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docs citations

25
times ranked

626
citing authors

#	ARTICLE	IF	CITATIONS
1	Prescribed Performance Fault-Tolerant Control of Uncertain Nonlinear Systems With Unknown Control Directions. IEEE Transactions on Automatic Control, 2017, 62, 6529-6535.	5.7	275
2	Fuzzy Adaptive Output Feedback Control of Uncertain Nonlinear Systems With Prescribed Performance. IEEE Transactions on Cybernetics, 2018, 48, 1342-1354.	9.5	146
3	Low-Complexity Tracking Control of Strict-Feedback Systems With Unknown Control Directions. IEEE Transactions on Automatic Control, 2019, 64, 5175-5182.	5.7	131
4	Fault-tolerant output-constrained control of unknown Euler-Lagrange systems with prescribed tracking accuracy. Automatica, 2020, 111, 108606.	5.0	114
5	Robust Adaptive Fault-Tolerant Control for a Class of Unknown Nonlinear Systems. IEEE Transactions on Industrial Electronics, 2017, 64, 585-594.	7.9	103
6	Fault-Tolerant Fixed-Time Trajectory Tracking Control of Autonomous Surface Vessels With Specified Accuracy. IEEE Transactions on Industrial Electronics, 2020, 67, 4889-4899.	7.9	72
7	Fault-tolerant leader-follower formation control of marine surface vessels with unknown dynamics and actuator faults. International Journal of Robust and Nonlinear Control, 2018, 28, 4188-4208.	3.7	49
8	Global Output-Feedback Prescribed Performance Control of Nonlinear Systems With Unknown Virtual Control Coefficients. IEEE Transactions on Automatic Control, 2022, 67, 6904-6911.	5.7	45
9	Adaptive prescribed performance control of nonlinear output-feedback systems with unknown control direction. International Journal of Robust and Nonlinear Control, 2018, 28, 4696-4712.	3.7	35
10	Injected Infrared and Visible Image Fusion via L_1 Decomposition Model and Guided Filtering. IEEE Transactions on Computational Imaging, 2022, 8, 162-173.	4.4	30
11	Singularity-Free Continuous Adaptive Control of Uncertain Underactuated Surface Vessels With Prescribed Performance. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 5646-5655.	9.3	29
12	Global finite-time output stabilization of nonlinear systems with unknown measurement sensitivity. International Journal of Robust and Nonlinear Control, 2018, 28, 5158-5172.	3.7	28
13	Adaptive Fuzzy Fault-Tolerant Control of Uncertain Euler-Lagrange Systems With Process Faults. IEEE Transactions on Fuzzy Systems, 2020, 28, 2619-2630.	9.8	24
14	Low-Computation Adaptive Fuzzy Tracking Control of Unknown Nonlinear Systems With Unmatched Disturbances. IEEE Transactions on Fuzzy Systems, 2020, 28, 321-332.	9.8	22
15	Event-Triggered Prescribed Performance Control for a Class of Unknown Nonlinear Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6576-6586.	9.3	22
16	Fuzzy Adaptive Fault-Tolerant Control of Unknown Nonlinear Systems With Time-Varying Structure. IEEE Transactions on Fuzzy Systems, 2019, 27, 1904-1916.	9.8	20
17	Supervisory switching-based prescribed performance control of unknown nonlinear systems against actuator failures. International Journal of Robust and Nonlinear Control, 2020, 30, 2367-2385.	3.7	17
18	Distributed Fuzzy Adaptive Output-Feedback Control of Unknown Nonlinear Multiagent Systems in Strict-Feedback Form. IEEE Transactions on Cybernetics, 2022, 52, 5607-5617.	9.5	14

#	ARTICLE	IF	CITATIONS
19	Fault-Tolerant Control of Pneumatic Continuum Manipulators Under Actuator Faults. IEEE Transactions on Industrial Informatics, 2021, 17, 8299-8307.	11.3	14
20	Low-complexity adaptive tracking control of MIMO nonlinear systems with unknown control directions. International Journal of Robust and Nonlinear Control, 2019, 29, 2203-2222.	3.7	12
21	Multi-focus image fusion based on fractional order differentiation and closed image matting. ISA Transactions, 2022, 129, 703-714.	5.7	12
22	Adaptive asymptotic stabilization of a class of unknown nonlinear systems with specified convergence rate. International Journal of Robust and Nonlinear Control, 2019, 29, 238-251.	3.7	7
23	Finite-Time Tracking Control With Prescribed Accuracy for Unknown Nonlinear Systems by Event-Triggered Input. IEEE Access, 2020, 8, 210400-210409.	4.2	1
24	Deep Transfer Learning-Based Intelligent Diagnosis of Malignant Tumors on Mammography. , 2021, , .		0
25	Robust Control for a Class of Nonlinear Systems Against Denial-of-Service Attacks. , 2021, , .		0