

Huiyan Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8811761/publications.pdf>

Version: 2024-02-01

27
papers

253
citations

840585

11
h-index

996849

15
g-index

27
all docs

27
docs citations

27
times ranked

213
citing authors

#	ARTICLE	IF	CITATIONS
1	Asynchronous Adaptive Fault-Tolerant Sliding-Mode Control for T-S Fuzzy Singular Markovian Jump Systems With Uncertain Transition Rates. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 544-555.	6.2	34
2	Balanced truncation approach to model reduction of Markovian jump time-varying delay systems. <i>Journal of the Franklin Institute</i> , 2015, 352, 4205-4224.	1.9	21
3	A novel optimal PID controller autotuning design based on the SLP algorithm. <i>Expert Systems</i> , 2020, 37, e12489.	2.9	21
4	Dissipative output feedback control for semi-Markovian jump systems under hybrid cyber-attacks. <i>Journal of the Franklin Institute</i> , 2021, 358, 2683-2702.	1.9	19
5	Event-triggered interval Type-2 T-S fuzzy control for nonlinear networked systems. <i>Journal of the Franklin Institute</i> , 2020, 357, 9834-9852.	1.9	18
6	Model predictive control of distributed networked control systems with quantization and switching topology. <i>International Journal of Robust and Nonlinear Control</i> , 2020, 30, 4584-4599.	2.1	18
7	Model reduction on Markovian jump systems with partially unknown transition probabilities: balanced truncation approach. <i>IET Control Theory and Applications</i> , 2015, 9, 1411-1421.	1.2	17
8	A Nonlinear Observer-Based Approach to Robust Cooperative Tracking for Heterogeneous Spacecraft Attitude Control and Formation Applications. <i>IEEE Transactions on Automatic Control</i> , 2023, 68, 400-407.	3.6	15
9	PID Controller Autotuning Design by a Deterministic Q-SLP Algorithm. <i>IEEE Access</i> , 2020, 8, 50010-50021.	2.6	12
10	Binary masses manipulation with composite bilayer metamaterial. <i>Composite Structures</i> , 2021, 267, 113866.	3.1	12
11	Exponential synchronization of complex networks via feedback control and periodically intermittent noise. <i>Journal of the Franklin Institute</i> , 2022, 359, 3614-3630.	1.9	12
12	Time-weighted MR for switched LPV systems via balanced realisation. <i>IET Control Theory and Applications</i> , 2017, 11, 3069-3078.	1.2	11
13	Semiglobal Periodic Event-Triggered Output Regulation for Nonlinear Multiagent Systems. <i>IEEE Transactions on Automatic Control</i> , 2023, 68, 393-399.	3.6	10
14	Improved event-triggered sliding mode control of switched systems with disturbances. <i>Asian Journal of Control</i> , 2021, 23, 2214-2226.	1.9	7
15	Bi-Directional Benes With Large Port-Counts and Low Waveguide Crossings for Optical Network-on-Chip. <i>IEEE Access</i> , 2021, 9, 115788-115800.	2.6	5
16	Chip Appearance Inspection Method for High-Precision SMT Equipment. <i>Machines</i> , 2021, 9, 34.	1.2	5
17	Leader-following consensus control of multiple nonholonomic mobile robots: An iterative learning adaptive control scheme. <i>Journal of the Franklin Institute</i> , 2022, 359, 1018-1040.	1.9	5
18	Adaptive Neural Security Control for Networked Singular Systems Under Deception Attacks. <i>IEEE Access</i> , 2022, 10, 33230-33237.	2.6	3

#	ARTICLE	IF	CITATIONS
19	Balanced truncation for linear switched systems with time-varying delay: Continuous-time case. , 2014, , .		2
20	Kalman filtering with finite-step autocorrelated measurement noise. Journal of Computational and Applied Mathematics, 2022, 408, 114138.	1.1	2
21	Fuzzy inference-based control and decision system for precise aeration of sewage treatment process. Electronics Letters, 2021, 57, 112-115.	0.5	1
22	Stochastic exponential stabilization of hybrid systems with time-varying delays via adaptive control. Electronics Letters, 2021, 57, 241-244.	0.5	1
23	An XGBoost-Based Vulnerability Analysis of Smart Grid Cascading Failures under Topology Attacks. , 2021, , .		1
24	A Novel Electronic Chip Detection Method Using Deep Neural Networks. Machines, 2022, 10, 361.	1.2	1
25	Balanced Performance Preserving Model Reduction for Uncertain Semi-Markovian Jump Systems. , 2019, , .		0
26	Enhancing Matrix Factorization-based Recommender Systems via Graph Neural Networks. , 2021, , .		0
27	Decentralized Event-Triggered Output Feedback Control for Nonlinear Networked Interconnected Systems under Multiple Cyber Attacks. , 2021, , .		0