Changzhu Zhang

List of Publications by Year
in descending order

37	794	567281	580821
papers	citations	15	25
		h-index	g-index

37	37	37	709
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Data-Based Predictive Control via Multistep Policy Gradient Reinforcement Learning. IEEE Transactions on Cybernetics, 2023, 53, 2818-2828.	9.5	1
2	Output Consensus of Heterogeneous Linear Multiagent Systems With Directed Graphs via Adaptive Dynamic Event-Triggered Mechanism. IEEE Transactions on Cybernetics, 2023, 53, 4606-4618.	9.5	3
3	Finite-Time Dynamic Event-Triggered Distributed H_∞ Filtering for T-S Fuzzy Systems. IEEE Transactions on Fuzzy Systems, 2022, 30, 2476-2486.	9.8	24
4	Nonlinear State Estimation With Multisensor Stochastic Scheduling. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 3349-3359.	9.3	6
5	A GEVP formulation for robust predictor feedback controller design of linear systems with uncertain input delay. International Journal of Systems Science, 2022, 53, 909-921.	5.5	0
6	Desired compensation adaptive robust repetitive control of a multi-DoFs industrial robot. ISA Transactions, 2022, 128, 556-564.	5.7	5
7	Leader-Following and Leaderless Consensus of Linear Multiagent Systems Under Directed Graphs by Double Dynamic Event-Triggered Mechanism. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 6426-6438.	9.3	12
8	A Telepresence-Guaranteed Control Scheme for Teleoperation Applications of Transferring Weight-Unknown Objects. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 1015-1025.	13.1	3
9	Output Feedback and Stability Analysis of Positive Polynomial Fuzzy Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 7707-7718.	9.3	13
10	Distributed Adaptive Event-Triggered Control and Stability Analysis for Vehicular Platoon. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 1627-1638.	8.0	35
11	Foot Placement Compensator Design for Humanoid Walking Based on Discrete Control Lyapunov Function. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 2332-2341.	9.3	5
12	Fuzzy-Model-Based Output Feedback Steering Control in Autonomous Driving Subject to Actuator Constraints. IEEE Transactions on Fuzzy Systems, 2021, 29, 457-470.	9.8	25
13	Deep Reinforcement Learning Based Autonomous Racing Car Control With Priori Knowledge. , 2021, , .		0
14	A Model-Free Control Strategy for Vehicle Lateral Stability With Adaptive Dynamic Programming. IEEE Transactions on Industrial Electronics, 2020, 67, 10693-10701.	7.9	63
15	Formation Control Strategy of Multi-agent Systems with Obstacle Avoidance. , 2020, , .		1
16	Bio-inspired Network Optimization Based on Semi-Definite Programming*. , 2020, , .		0
17	Observer-based control of positive polynomial fuzzy systems with unknown time delay. Neurocomputing, 2019, 349, 77-90.	5.9	19
18	Event-Triggered Dissipative Control for Discrete-Time T-S Fuzzy Singular Systems Based on PQLF. , 2019, , .		0

#	Article	IF	Citations
19	Fuzzy model-based controller synthesis for networked nonlinear systems with event triggering communication scheme. International Journal of Systems Science, 2019, 50, 379-391.	5.5	1
20	A New Design of Membership-Function-Dependent Controller for T-S Fuzzy Systems Under Imperfect Premise Matching. IEEE Transactions on Fuzzy Systems, 2019, 27, 1428-1440.	9.8	30
21	Architecture Design and Implementation of an Autonomous Vehicle. IEEE Access, 2018, 6, 21956-21970.	4.2	42
22	Multi-Layered CPG for Adaptive Walking of Quadruped Robots. Journal of Bionic Engineering, 2018, 15, 341-355.	5.0	26
23	State-Feedback Path Tracking Control for Autonomous Vehicle with Sampled-Data Measurements. , 2018, , .		2
24	A Novel Fuzzy Observer-Based Steering Control Approach for Path Tracking in Autonomous Vehicles. IEEE Transactions on Fuzzy Systems, 2018, , 1-1.	9.8	76
25	Robust H_∞ filtering for vehicle sideslip angle estimation with sampled-data measurements. Transactions of the Institute of Measurement and Control, 2017, 39, 1059-1070.	1.7	15
26	Reliable Output Feedback Control for T-S Fuzzy Systems With Decentralized Event Triggering Communication and Actuator Failures. IEEE Transactions on Cybernetics, 2017, 47, 2592-2602.	9.5	59
27	Reachable Set Estimation for Discrete‐Time Singular Systems. Asian Journal of Control, 2017, 19, 1862-1870.	3.0	29
28	Event-Triggered Nonsynchronized $\mathcal{H}_{\infty}$ Filtering for Discrete-Time T–S Fuzzy Systems Based on Piecewise Lyapunov Functions. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 2330-2341.	9.3	91
29	Fuzzy-model-based H_∞ dynamic output feedback control with feedforward for autonomous vehicle path tracking. , 2017, , .		4
30	Event-triggered H_∞ state feedback controller design of a T-S fuzzy system based on piecewise Lyapunov function. , 2017, , .		0
31	Vehicle model based visual-tag monocular ORB-SLAM. , 2017, , .		5
32	Event-triggered robust H_∞ state estimation for T-S fuzzy systems via piecewise Lyapunov functions. , 2017, , .		0
33	H_∞ filtering for networked T-S fuzzy systems with medium access constraint. , 2014, , .		0
34	T–S fuzzy-model-based piecewise output feedback controller design for networked nonlinear systems with medium access constraint. Fuzzy Sets and Systems, 2014, 248, 86-105.	2.7	44
35	A novel dropout compensation scheme for control of networked T–S fuzzy dynamic systems. Fuzzy Sets and Systems, 2014, 235, 44-61.	2.7	44
36	H_{∞} Filtering For Nonlinear Discrete-Time Systems Subject to Quantization and Packet Dropouts. IEEE Transactions on Fuzzy Systems, 2011, 19, 353-365.	9.8	111

#	Article	IF	Citations
37	SPMNet: A light-weighted network with separable pyramid module for real-time semantic segmentation. Journal of Experimental and Theoretical Artificial Intelligence, 0, , 1-12.	2.8	0