Jie Huang

List of Publications by Year
in descending order

47 papers	370 citations	933410 10 h-index	839512 18 g-index
48 all docs	48 docs citations	48 times ranked	297 citing authors

#	Article	IF	Citations
1	Optimized Formation Control for Multi-Agent Systems Based on Adaptive Dynamic Programming Without Persistence of Excitation. , 2022, 6, 1412-1417.		6
2	A Novel Flexible Fault Current Limiter for DC Distribution Applications. IEEE Transactions on Smart Grid, 2022, 13, 1049-1060.	9.0	10
3	Distributed Robust Containment Control of Linear Heterogeneous Multi-Agent Systems: An Output Regulation Approach. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 864-877.	13.1	6
4	Human Decision-Making Modeling and Cooperative Controller Design for Human–Agent Interaction Systems. IEEE Transactions on Human-Machine Systems, 2022, 52, 1122-1134.	3.5	1
5	H_∞ filtering for switched systems subject to stochastic cyber attacks:Â A double adaptive storage event-triggering communication. Applied Mathematics and Computation, 2021, 394, 125789.	2.2	19
6	Task Planning for Multiple-Satellite Space-Situational-Awareness Systems. Aerospace, 2021, 8, 73.	2.2	7
7	Improved 1D convolutional neural network adapted to near-infrared spectroscopy for rapid discrimination of Anoectochilus roxburghii and its counterfeits. Journal of Pharmaceutical and Biomedical Analysis, 2021, 199, 114035.	2.8	23
8	Numerical analysis of lost foam casting for large-caliber water meter shell. Advances in Mechanical Engineering, 2021, 13, 168781402110280.	1.6	2
9	On Unmanned Aerial Vehicles Light Show Systems: Algorithms, Software and Hardware. Applied Sciences (Switzerland), 2021, 11, 7687.	2.5	8
10	Model predictive control for switched systems with a novel mixed time/event-triggering mechanism. Nonlinear Analysis: Hybrid Systems, 2021, 42, 101081.	3.5	21
11	Efficient Double-Layered Formation Control for Multi-Agent Systems. , 2021, , .		0
12	Trajectory Selection Optimization for Behavior-based Aerial-Ground Robots Heterogeneous System : A Predictive Approach. , 2021, , .		1
13	Space Target Surveillance Based on Non-linear Model Predictive Control. , 2021, , .		2
14	Optimized Formation Control for a Class of Second-order Multi-agent Systems based on Single Critic Reinforcement Learning Method. , 2021, , .		1
15	Event-Triggered Intervention Framework for UAV-UGV Coordination Systems. Machines, 2021, 9, 371.	2.2	2
16	Dynamic Task Priority Planning for Null-Space Behavioral Control of Multi-Agent Systems. IEEE Access, 2020, 8, 149643-149651.	4.2	15
17	A Human Decision-Making Behavior Model for Human-Robot Interaction in Multi-Robot Systems. IEEE Access, 2020, 8, 197853-197862.	4.2	9
18	Improved Q-Learning Method for Linear Discrete-Time Systems. Processes, 2020, 8, 368.	2.8	1

#	Article	IF	Citations
19	H_∞ filtering of networked switched systems with multiple packet dropouts via switched Lyapunov function approach. IET Control Theory and Applications, 2020, 14, 1220-1227.	2.1	5
20	Human Decision-Making Behavior Modeling for Human Multi-Robot Interaction System. IFAC-PapersOnLine, 2020, 53, 10202-10207.	0.9	1
21	Second-Order Linear Multi-Agent Formation Control Based on Fuzzy Logic System Approximator and Actor-Critic Reinforcement Learning. , 2020, , .		1
22	Behavioral Formation Control of Multiple Mecanum-wheeled Mobile Manipulators. , 2020, , .		1
23	Long Distance Merge based on Vehicle-infrastructure Communication. , 2020, , .		0
24	Design and Implementation of Consensus Control Protocol for First-order Linear Multi-agent Systems based on FPGA Hardware. , 2020, , .		0
25	Intelligent Mission Supervisor Design for Null-space-based Behavioral Control System: A Reinforcement Learning Approach. , 2020, , .		3
26	American License Plate Recognition Algorithm Based on Deep Multi-Model Fusion. , 2020, , .		1
27	Exploiting RSSI Difference among Multiple Neighbors to Improve Face-to-Machine Proximity Estimation in Industrial Human Machine Interaction. , 2019, , .		0
28	A Behavior Control Scheme for Multi-Robot Systems under Human Intervention. , 2019, , .		6
29	Combining Proximity Estimation With Visible Symbol Assignment to Simplify Line-of-Sight Connections in Mobile Industrial Human-Machine Interaction. IEEE Access, 2019, 7, 133559-133571.	4.2	4
30	Generalized Proportional Model of Relay Protection Based on Adaptive Homotopy Algorithm Transient Stability. Processes, 2019, 7, 899.	2.8	1
31	Adaptive Fuzzy Behavioral Control of Second-Order Autonomous Agents With Prioritized Missions: Theory and Experiments. IEEE Transactions on Industrial Electronics, 2019, 66, 9612-9622.	7.9	40
32	A Rapidly Method for the Discrimination of Aristolochic Acid and its Analogues Using SVM and PCA. , 2019, , .		0
33	Neural network–based reconfiguration control for spacecraft formation in obstacle environments. International Journal of Robust and Nonlinear Control, 2018, 28, 2442-2456.	3.7	33
34	H_∞ Time-Varying Formation Control of Multiple Spacecraft System. , 2018, , .		0
35	Simulation and Comparison of Different Types of First-order Decentralized Sliding Mode Estimators. , 2018, , .		0
36	A novel method for geographical origin identification of *Tetrastigma hemsleyanum* (Sanyeqing) by near-infrared spectroscopy. Analytical Methods, 2018, 10, 2980-2988.	2.7	16

#	Article	IF	Citations
37	Distributed Behavioral Control for Second-Order Nonlinear Multi-Agent Systems. IFAC-PapersOnLine, 2017, 50, 2445-2450.	0.9	7
38	Task assignment for robots with limited communication. , 2017, , .		6
39	Estimator-based adaptive neural network control of leader-follower high-order nonlinear multiagent systems with actuator faults. Concurrency Computation Practice and Experience, 2017, 29, e4225.	2.2	3
40	Adaptive Fuzzy Control of Leader-Follower High-Order Nonlinear Multi-agent Systems with Actuator Faults. , 2016, , .		0
41	Multi-agent Network and Cellular Automata Based Resources Assignment for City Educational System. , 2016, , .		0
42	Distributed fault-tolerant tracking control for multi-agent system in the environments with obstacles. , 2016, , .		1
43	Finite-time formation reconfiguration of multiple spacecraft with collision avoidance problems. , 2016, , .		2
44	Formation control of multiple Euler-Lagrange systems via null-space-based behavioral control. Science China Information Sciences, 2016, 59, 1-11.	4.3	53
45	Distributed backstepping-based adaptive fuzzy control of multiple high-order nonlinear dynamics. Nonlinear Dynamics, 2015, 81, 63-75.	5.2	32
46	Distributed tracking for networked Euler-Lagrange systems without velocity measurements. Journal of Systems Engineering and Electronics, 2014, 25, 671-680.	2.2	18
47	Event-triggered output tracking control for switched systems: An adaptive stay interval scheme. Optimal Control Applications and Methods, 0, , .	2.1	1