Bai Weiwei

List of Publications by Year
in descending order

19 papers	766 citations
686830 13 h-index	996533 15 g-index
19 all docs	19 docs citations
19 times ranked	619 citing authors

#	Article	IF	Citations
1	Event-Triggered Multigradient Recursive Reinforcement Learning Tracking Control for Multiagent Systems. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 366-379.	7.2	50
2	Distributed Fault-Tolerant Containment Control Protocols for the Discrete-Time Multiagent Systems via Reinforcement Learning Method. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 3979-3991.	7.2	62
3	Asynchronous Frequency-Dependent Fault Detection for Nonlinear Markov Jump Systems Under Wireless Fading Channels. IEEE Transactions on Cybernetics, 2022, 52, 13598-13608.	6.2	26
4	Event-Triggered Optimal Control for Macro–Micro Composite Stage System via Single-Network ADP Method. IEEE Transactions on Industrial Electronics, 2021, 68, 4190-4198.	5.2	12
5	Event‐triggered guaranteed cost fault‐tolerant optimal tracking control for uncertain nonlinear system via adaptive dynamic programming. International Journal of Robust and Nonlinear Control, 2021, 31, 2572-2592.	2.1	31
6	Observer-Based Adaptive Fuzzy Event-Triggered Path Following Control of Marine Surface Vessel. International Journal of Fuzzy Systems, 2021, 23, 2021-2036.	2.3	19
7	Robust Fuzzy Adaptive Output Feedback Optimal Tracking Control for Dynamic Positioning of Marine Vessels with Unknown Disturbances and Uncertain Dynamics. International Journal of Fuzzy Systems, 2021, 23, 2283-2296.	2.3	16
8	Integral Backstepping Based ADRC for Path Following of Underactuated Surface Vessel. , 2021, , .		0
9	Neural-network-based formation control with collision, obstacle avoidance and connectivity maintenance for a class of second-order nonlinear multi-agent systems. Neurocomputing, 2021, 439, 243-255.	3.5	27
10	A Novel Reinforcement Learning Control for a class of Strict-feedback Discrete-time Systems via Multi-Gradient Recursive. , 2021, , .		0
11	Broad learning system-based adaptive optimal control design for dynamic positioning of marine vessels. Nonlinear Dynamics, 2021, 105, 1593-1609.	2.7	15
12	Online event-triggered optimal control for multi-agent systems using simplified ADP and experience replay technique. Nonlinear Dynamics, 2021, 106, 509-522.	2.7	11
13	Adaptive Reinforcement Learning Neural Network Control for Uncertain Nonlinear System With Input Saturation. IEEE Transactions on Cybernetics, 2020, 50, 3433-3443.	6.2	159
14	Multigradient recursive reinforcement learning NN control for affine nonlinear systems with unmodeled dynamics. International Journal of Robust and Nonlinear Control, 2020, 30, 1643-1663.	2.1	19
15	Adaptive consensus control for stochastic nonlinear multiagent systems with full state constraints. International Journal of Robust and Nonlinear Control, 2020, 30, 1487-1511.	2.1	16
16	NN Reinforcement Learning Adaptive Control for a Class of Nonstrict-Feedback Discrete-Time Systems. IEEE Transactions on Cybernetics, 2020, 50, 4573-4584.	6.2	182
17	Backstepping Sliding Mode Maneuvering Control for a Class of Surface Ships. , 2020, , .		1
18	Artificial Potential-Based Formation Control with Collision and Obstacle Avoidance for Second-order Multi-Agent Systems. , 2020, , .		7

#	Article	IF	Citations
19	Reduced Adaptive Fuzzy Tracking Control for High-Order Stochastic Nonstrict Feedback Nonlinear System With Full-State Constraints. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, , 1-11.	5.9	113