Kun Zhang

List of Publications by Year
in descending order

34 papers	928 citations	471061 17 h-index	454577 30 g-index
34 all docs	34 docs citations	34 times ranked	636 citing authors

#	Article	IF	Citations
1	Fault Estimation and Fault-Tolerant Control for Switched Fuzzy Stochastic Systems. IEEE Transactions on Fuzzy Systems, 2018, 26, 2993-3003.	6.5	139
2	Adaptive Fuzzy Fault-Tolerant Tracking Control for Partially Unknown Systems With Actuator Faults via Integral Reinforcement Learning Method. IEEE Transactions on Fuzzy Systems, 2019, 27, 1986-1998.	6.5	83
3	Robust Optimal Control Scheme for Unknown Constrained-Input Nonlinear Systems via a Plug-n-Play Event-Sampled Critic-Only Algorithm. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 3169-3180.	5.9	70
4	Event-Triggered Adaptive Dynamic Programming for Non-Zero-Sum Games of Unknown Nonlinear Systems via Generalized Fuzzy Hyperbolic Models. IEEE Transactions on Fuzzy Systems, 2019, 27, 2202-2214.	6.5	66
5	Adaptive Resilient Event-Triggered Control Design of Autonomous Vehicles With an Iterative Single Critic Learning Framework. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 5502-5511.	7.2	54
6	Echo State Network-Based Decentralized Control of Continuous-Time Nonlinear Large-Scale Interconnected Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6293-6303.	5.9	45
7	Distributed leader-following consensus of heterogeneous second-order time-varying nonlinear multi-agent systems under directed switching topology. Neurocomputing, 2019, 325, 31-47.	3.5	41
8	Tracking control optimization scheme of continuous-time nonlinear system via online single network adaptive critic design method. Neurocomputing, 2017, 251, 127-135.	3.5	39
9	Decentralized Tracking Optimization Control for Partially Unknown Fuzzy Interconnected Systems via Reinforcement Learning Method. IEEE Transactions on Fuzzy Systems, 2021, 29, 917-926.	6.5	39
10	Iterative adaptive dynamic programming methods with neural network implementation for multi-player zero-sum games. Neurocomputing, 2018, 307, 54-60.	3.5	33
11	A Novel Approach to Observer-Based Fault Estimation and Fault-Tolerant Controller Design for Tâ€“S Fuzzy Systems With Multiple Time Delays. IEEE Transactions on Fuzzy Systems, 2020, 28, 1679-1693.	6.5	32
12	Observer-Based Output Feedback Event-Triggered Adaptive Control for Linear Multiagent Systems Under Switching Topologies. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 7161-7171.	7.2	28
13	Finite-time time-varying output formation-tracking of heterogeneous linear multi-agent systems. Journal of the Franklin Institute, 2020, 357, 926-941.	1.9	26
14	Fault Estimation and Tolerant Control for Discrete-Time Multiple Delayed Fuzzy Stochastic Systems With Intermittent Sensor and Actuator Faults. IEEE Transactions on Cybernetics, 2021, 51, 6213-6225.	6.2	25
15	Near-optimal output tracking controller design for nonlinear systems using an event-driven ADP approach. Neurocomputing, 2018, 309, 168-178.	3.5	22
16	Parallel Optimal Tracking Control Schemes for Mode-Dependent Control of Coupled Markov Jump Systems via Integral RL Method. IEEE Transactions on Automation Science and Engineering, 2020, , 1-11.	3.4	22
17	Value iteration based integral reinforcement learning approach for Hâˆž controller design of continuous-time nonlinear systems. Neurocomputing, 2018, 285, 51-59.	3.5	20
18	Fuzzy adaptive dynamic programming-based optimal leader-following consensus for heterogeneous nonlinear multi-agent systems. Neural Computing and Applications, 2020, 32, 8763-8781.	3.2	18

#	Article	IF	Citations
19	Online reinforcement learning for a class of partially unknown continuousâ€time nonlinear systems via value iteration. Optimal Control Applications and Methods, 2018, 39, 1011-1028.	1.3	17
20	Online adaptive policy iteration based fault-tolerant control algorithm for continuous-time nonlinear tracking systems with actuator failures. Journal of the Franklin Institute, 2018, 355, 6947-6968.	1.9	16
21	Neurodynamic programming and tracking control scheme of constrained-input systems via a novel event-triggered PI algorithm. Applied Soft Computing Journal, 2019, 83, 105629.	4.1	13
22	Tracking control optimization scheme for a class of partially unknown fuzzy systems by using integral reinforcement learning architecture. Applied Mathematics and Computation, 2019, 359, 344-356.	1.4	13
23	A novel neural network discreteâ€time optimal control design for nonlinear timeâ€delay systems using adaptive critic designs. Optimal Control Applications and Methods, 2020, 41, 748-764.	1.3	12
24	A new robust output tracking control for discrete-time switched constrained-input systems with uncertainty via a critic-only iteration learning method. Neurocomputing, 2020, 396, 162-171.	3.5	11
25	Observerâ€based actuator fault estimation and proportional derivative fault tolerant control for continuousâ€time singular systems. Optimal Control Applications and Methods, 2019, 40, 979-997.	1.3	9
26	A Novel Resilient Control Scheme for a Class of Markovian Jump Systems With Partially Unknown Information. IEEE Transactions on Cybernetics, 2022, 52, 8191-8200.	6.2	9
27	Off-policy based adaptive dynamic programming method for nonzero-sum games on discrete-time system. Journal of the Franklin Institute, 2020, 357, 8059-8081.	1.9	7
28	Multi-target vehicle detection and tracking based on video. , 2020, , .		5
29	Off-policy integral reinforcement learning algorithm in dealing with nonzero sum game for nonlinear distributed parameter systems. Transactions of the Institute of Measurement and Control, 2020, 42, 2919-2928.	1.1	5
30	Echo state networks with double-reservoir for time-series prediction. , 2016, , .		4
31	Integrated design of robust fault estimation and faultâ€tolerant control against simultaneous actuator and sensor faults. Asian Journal of Control, 2021, 23, 341-350.	1.9	3
32	Microblog Topic Mining Based on FRâ€ÐATM. Chinese Journal of Electronics, 2018, 27, 334-341.	0.7	2
33	Data-driven optimal control for a class of unknown continuous-time nonlinear system using a novel ADP method. , 2016, , .		0
34	An Event-Triggered Control Approach with Single-Critic Architecture for a Class of Nonlinear Systems. , 2020, , .		0