

# Kun Zhang

## List of Publications by Year in descending order

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34  
papers

928  
citations

471061

17  
h-index

454577

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g-index

34  
all docs

34  
docs citations

34  
times ranked

636  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	Integrated design of robust fault estimation and fault-tolerant control against simultaneous actuator and sensor faults. Asian Journal of Control, 2021, 23, 341-350.	1.9	3
7	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
8	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
9	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
10	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
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	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
13	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
14	Multi-target vehicle detection and tracking based on video. , 2020, , .		5
15	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
16	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
17	A novel neural network discrete-time optimal control design for nonlinear time-delay systems using adaptive critic designs. Optimal Control Applications and Methods, 2020, 41, 748-764.	1.3	12
18	An Event-Triggered Control Approach with Single-Critic Architecture for a Class of Nonlinear Systems. , 2020, , .		0

#	ARTICLE	IF	CITATIONS
19	Observer-based actuator fault estimation and proportional derivative fault tolerant control for continuous-time singular systems. <i>Optimal Control Applications and Methods</i> , 2019, 40, 979-997.	1.3	9
20	Neurodynamic programming and tracking control scheme of constrained-input systems via a novel event-triggered PI algorithm. <i>Applied Soft Computing Journal</i> , 2019, 83, 105629.	4.1	13
21	Event-Triggered Adaptive Dynamic Programming for Non-Zero-Sum Games of Unknown Nonlinear Systems via Generalized Fuzzy Hyperbolic Models. <i>IEEE Transactions on Fuzzy Systems</i> , 2019, 27, 2202-2214.	6.5	66
22	Tracking control optimization scheme for a class of partially unknown fuzzy systems by using integral reinforcement learning architecture. <i>Applied Mathematics and Computation</i> , 2019, 359, 344-356.	1.4	13
23	Adaptive Fuzzy Fault-Tolerant Tracking Control for Partially Unknown Systems With Actuator Faults via Integral Reinforcement Learning Method. <i>IEEE Transactions on Fuzzy Systems</i> , 2019, 27, 1986-1998.	6.5	83
24	Distributed leader-following consensus of heterogeneous second-order time-varying nonlinear multi-agent systems under directed switching topology. <i>Neurocomputing</i> , 2019, 325, 31-47.	3.5	41
25	Value iteration based integral reinforcement learning approach for H $\infty$ controller design of continuous-time nonlinear systems. <i>Neurocomputing</i> , 2018, 285, 51-59.	3.5	20
26	Fault Estimation and Fault-Tolerant Control for Switched Fuzzy Stochastic Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2018, 26, 2993-3003.	6.5	139
27	Online reinforcement learning for a class of partially unknown continuous-time nonlinear systems via value iteration. <i>Optimal Control Applications and Methods</i> , 2018, 39, 1011-1028.	1.3	17
28	Iterative adaptive dynamic programming methods with neural network implementation for multi-player zero-sum games. <i>Neurocomputing</i> , 2018, 307, 54-60.	3.5	33
29	Near-optimal output tracking controller design for nonlinear systems using an event-driven ADP approach. <i>Neurocomputing</i> , 2018, 309, 168-178.	3.5	22
30	Microblog Topic Mining Based on FR-DATM. <i>Chinese Journal of Electronics</i> , 2018, 27, 334-341.	0.7	2
31	Online adaptive policy iteration based fault-tolerant control algorithm for continuous-time nonlinear tracking systems with actuator failures. <i>Journal of the Franklin Institute</i> , 2018, 355, 6947-6968.	1.9	16
32	Tracking control optimization scheme of continuous-time nonlinear system via online single network adaptive critic design method. <i>Neurocomputing</i> , 2017, 251, 127-135.	3.5	39
33	Data-driven optimal control for a class of unknown continuous-time nonlinear system using a novel ADP method. , 2016, , .		0
34	Echo state networks with double-reservoir for time-series prediction. , 2016, , .		4