

He Jiang

List of Publications by Year in descending order

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55
papers

1,499
citations

279487

23
h-index

329751

37
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all docs

55
docs citations

55
times ranked

1075
citing authors

#	ARTICLE	IF	CITATIONS
1	Data-Driven Optimal Consensus Control for Discrete-Time Multi-Agent Systems With Unknown Dynamics Using Reinforcement Learning Method. IEEE Transactions on Industrial Electronics, 2017, 64, 4091-4100.	5.2	289
2	Discrete-Time Nonzero-Sum Games for Multiplayer Using Policy-Iteration-Based Adaptive Dynamic Programming Algorithms. IEEE Transactions on Cybernetics, 2017, 47, 3331-3340.	6.2	94
3	Finite-Horizon H_{∞} Tracking Control for Unknown Nonlinear Systems With Saturating Actuators. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 1200-1212.	7.2	73
4	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
5	H_{∞} Consensus for Linear Heterogeneous Multiagent Systems Based on Event-Triggered Output Feedback Control Scheme. IEEE Transactions on Cybernetics, 2019, 49, 2268-2279.	6.2	59
6	Neural-Network-Based Robust Control Schemes for Nonlinear Multiplayer Systems With Uncertainties via Adaptive Dynamic Programming. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 579-588.	5.9	58
7	Iterative ADP learning algorithms for discrete-time multi-player games. Artificial Intelligence Review, 2018, 50, 75-91.	9.7	57
8	Deep Learning Based Energy Efficiency Optimization for Distributed Cooperative Spectrum Sensing. IEEE Wireless Communications, 2019, 26, 32-39.	6.6	52
9	Decentralized Event-Triggered Adaptive Control of Discrete-Time Nonzero-Sum Games Over Wireless Sensor-Actuator Networks With Input Constraints. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 4254-4266.	7.2	52
10	Decentralized adaptive tracking control scheme for nonlinear large-scale interconnected systems via adaptive dynamic programming. Neurocomputing, 2017, 225, 1-10.	3.5	48
11	Data-driven optimal tracking control for a class of affine nonlinear continuous-time systems with completely unknown dynamics. IET Control Theory and Applications, 2016, 10, 700-710.	1.2	45
12	Data-Driven Distributed Output Consensus Control for Partially Observable Multiagent Systems. IEEE Transactions on Cybernetics, 2019, 49, 848-858.	6.2	45
13	Data-Based Adaptive Dynamic Programming for a Class of Discrete-Time Systems With Multiple Delays. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 432-441.	5.9	45
14	H_{∞} control with constrained input for completely unknown nonlinear systems using data-driven reinforcement learning method. Neurocomputing, 2017, 237, 226-234.	3.5	39
15	Optimal tracking control for completely unknown nonlinear discrete-time Markov jump systems using data-based reinforcement learning method. Neurocomputing, 2016, 194, 176-182.	3.5	34
16	A Fuzzy Adaptive Tracking Control for MIMO Switched Uncertain Nonlinear Systems in Strict-Feedback Form. IEEE Transactions on Fuzzy Systems, 2019, 27, 2443-2452.	6.5	34
17	Iterative adaptive dynamic programming methods with neural network implementation for multi-player zero-sum games. Neurocomputing, 2018, 307, 54-60.	3.5	33
18	Data-driven adaptive dynamic programming schemes for non-zero-sum games of unknown discrete-time nonlinear systems. Neurocomputing, 2018, 275, 649-658.	3.5	33

#	ARTICLE	IF	CITATIONS
19	Event-based H_∞ control for second-order leader-following multi-agent systems. Journal of the Franklin Institute, 2016, 353, 5081-5098.	1.9	31
20	H_∞ consensus for linear heterogeneous multi-agent systems with state and output feedback control. Neurocomputing, 2018, 275, 2635-2644.	3.5	30
21	H_∞ Consensus for Linear Heterogeneous Discrete-Time Multiagent Systems With Output Feedback Control. IEEE Transactions on Cybernetics, 2019, 49, 3713-3721.	6.2	30
22	A Distributed Iterative Learning Framework for DC Microgrids: Current Sharing and Voltage Regulation. IEEE Transactions on Emerging Topics in Computational Intelligence, 2020, 4, 119-129.	3.4	30
23	Neural-network-based learning algorithms for cooperative games of discrete-time multi-player systems with control constraints via adaptive dynamic programming. Neurocomputing, 2019, 344, 13-19.	3.5	28
24	Data-based approximate optimal control for nonzero-sum games of multi-player systems using adaptive dynamic programming. Neurocomputing, 2018, 275, 192-199.	3.5	24
25	Adaptive dynamic programming for tracking design of uncertain nonlinear systems with disturbances and input constraints. International Journal of Adaptive Control and Signal Processing, 2017, 31, 1567-1583.	2.3	23
26	Near-optimal output tracking controller design for nonlinear systems using an event-driven ADP approach. Neurocomputing, 2018, 309, 168-178.	3.5	22
27	Robust control scheme for a class of uncertain nonlinear systems with completely unknown dynamics using data-driven reinforcement learning method. Neurocomputing, 2018, 273, 68-77.	3.5	21
28	Data-driven approximate optimal tracking control schemes for unknown nonlinear multi-player systems via adaptive dynamic programming. Electronics Letters, 2017, 53, 465-467.	0.5	12
29	Unknown input based observer synthesis for an interval type-2 polynomial fuzzy system with time delays and uncertainties. Neurocomputing, 2019, 339, 171-181.	3.5	11
30	Finite-horizon optimal control of unknown nonlinear time-delay systems. Neurocomputing, 2017, 238, 277-285.	3.5	10
31	General value iteration based single network approach for constrained optimal controller design of partially-unknown continuous-time nonlinear systems. Journal of the Franklin Institute, 2018, 355, 2610-2630.	1.9	10
32	Critic-only adaptive dynamic programming algorithms' applications to the secure control of cyber-physical systems. ISA Transactions, 2020, 104, 138-144.	3.1	9
33	Reinforcement learning-based online adaptive controller design for a class of unknown nonlinear discrete-time systems with time delays. Neural Computing and Applications, 2018, 30, 1733-1745.	3.2	8
34	An Evolutionary Computation Approach for Smart Grid Cascading Failure Vulnerability Analysis. , 2019, , .		7
35	Fuzzy sliding mode control design for the stabilization of wind power generation system with permanent magnet synchronous generator. Energy Reports, 2022, 8, 1530-1537.	2.5	7
36	Q-Learning for Non-Cooperative Channel Access Game of Cognitive Radio Networks. , 2018, , .		5

#	ARTICLE	IF	CITATIONS
37	Deep Transfer Cooperative Sensing in Cognitive Radio. IEEE Wireless Communications Letters, 2021, 10, 1354-1358.	3.2	5
38	Imbalanced Learning for Cooperative Spectrum Sensing in Cognitive Radio Networks. , 2019, , .		3
39	Neural Network Based Distributed Consensus Control for Heterogeneous Multi-agent Systems. , 2018, , .		2
40	Dynamic Spectrum Access for Femtocell Networks: A Graph Neural Network Based Learning Approach. , 2020, , .		2
41	Evolutionary Search for Energy-Efficient Distributed Cooperative Spectrum Sensing. , 2020, , .		2
42	Distributed Finite-Time Economic Dispatch for Islanded Microgrids. , 2020, , .		2
43	High-Order Observer-Based Sliding Mode Control for the Isolated Microgrid with Cyber Attacks and Physical Uncertainties. Complexity, 2020, 2020, 1-11.	0.9	1
44	Learning From Negative Links. IEEE Transactions on Cybernetics, 2022, 52, 8481-8492.	6.2	1
45	Distributed Finite-Time Secondary Control for AC Microgrids With Mobile Power Resource and Communication Time-delays. , 2021, , .		1
46	Frequency Control Strategy of Isolated Grid System Using Sliding Mode Algorithm. , 2020, , .		1
47	Critic-only online adaptive learning based decentralized control schemes for nonlinear large-scale systems. Optimal Control Applications and Methods, 0, , .	1.3	1
48	Output Consensus Regulation for State-Unmeasurable Discrete-Time Multiagent Systems with External Disturbances. Mathematical Problems in Engineering, 2015, 2015, 1-7.	0.6	0
49	Data-driven optimal control for a class of unknown continuous-time nonlinear system using a novel ADP method. , 2016, , .		0
50	State space reconstruction from noisy nonlinear time series: An autoencoder-based approach. , 2017, , .		0
51	Online adaptive controller design of partially unknown nonlinear systems with state time-delay via actor-critic architecture. , 2017, , .		0
52	Adaptive synchronization control for nonlinear large-scale systems using T-S fuzzy model. , 2017, , .		0
53	Intelligent Control Algorithm Applied in Quasi-Z-Source Inverters Photovoltaic System with Multi-Peak Maximum Power Point Tracking (MPPT). , 2018, , .		0
54	Pinning Synchronization in Heterogeneous Networks of Harmonic Oscillators. Lecture Notes in Computer Science, 2017, , 836-845.	1.0	0

#	ARTICLE	IF	CITATIONS
55	A Novel Short-Term Power Load Forecasting Method Based on TSNE-EEMD-LSTM. International Transactions on Electrical Energy Systems, 2022, 2022, 1-11.	1.2	0