

He Jiang

List of Publications by Year in descending order

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55
papers

1,499
citations

279798
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330143
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. | 7.9 | 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. | 9.5 | 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. | 11.3 | 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. | 9.3 | 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. | 9.5 | 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. | 9.3 | 58 |
| 7 | Iterative ADP learning algorithms for discrete-time multi-player games. Artificial Intelligence Review, 2018, 50, 75-91. | 15.7 | 57 |
| 8 | Deep Learning Based Energy Efficiency Optimization for Distributed Cooperative Spectrum Sensing. IEEE Wireless Communications, 2019, 26, 32-39. | 9.0 | 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. | 11.3 | 52 |
| 10 | Decentralized adaptive tracking control scheme for nonlinear large-scale interconnected systems via adaptive dynamic programming. Neurocomputing, 2017, 225, 1-10. | 5.9 | 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. | 2.1 | 45 |
| 12 | Data-Driven Distributed Output Consensus Control for Partially Observable Multiagent Systems. IEEE Transactions on Cybernetics, 2019, 49, 848-858. | 9.5 | 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. | 9.3 | 45 |
| 14 | H_{∞} control with constrained input for completely unknown nonlinear systems using data-driven reinforcement learning method. Neurocomputing, 2017, 237, 226-234. | 5.9 | 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. | 5.9 | 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. | 9.8 | 34 |
| 17 | Iterative adaptive dynamic programming methods with neural network implementation for multi-player zero-sum games. Neurocomputing, 2018, 307, 54-60. | 5.9 | 33 |
| 18 | Data-driven adaptive dynamic programming schemes for non-zero-sum games of unknown discrete-time nonlinear systems. Neurocomputing, 2018, 275, 649-658. | 5.9 | 33 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Event-based \mathcal{H}_∞ consensus for linear heterogeneous multi-agent systems with state and output feedback control for second-order leader-following multi-agent systems. Journal of the Franklin Institute, 2016, 353, 5081-5098. | 3.4 | 31 |
| 20 | \mathcal{H}_∞ consensus for linear heterogeneous multi-agent systems with state and output feedback control. Neurocomputing, 2018, 275, 2635-2644. | 5.9 | 30 |
| 21 | \mathcal{H}_∞ Consensus for Linear Heterogeneous Discrete-Time Multiagent Systems With Output Feedback Control. IEEE Transactions on Cybernetics, 2019, 49, 3713-3721. | 9.5 | 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. | 4.9 | 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. | 5.9 | 28 |
| 24 | Data-based approximate optimal control for nonzero-sum games of multi-player systems using adaptive dynamic programming. Neurocomputing, 2018, 275, 192-199. | 5.9 | 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. | 4.1 | 23 |
| 26 | Near-optimal output tracking controller design for nonlinear systems using an event-driven ADP approach. Neurocomputing, 2018, 309, 168-178. | 5.9 | 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. | 5.9 | 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. | 1.0 | 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. | 5.9 | 11 |
| 30 | Finite-horizon optimal control of unknown nonlinear time-delay systems. Neurocomputing, 2017, 238, 277-285. | 5.9 | 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. | 3.4 | 10 |
| 32 | Critic-only adaptive dynamic programming algorithms' applications to the secure control of cyber-physical systems. ISA Transactions, 2020, 104, 138-144. | 5.7 | 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. | 5.6 | 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. | 5.1 | 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. | 5.0 | 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. | 1.6 | 1 |
| 44 | Learning From Negative Links. IEEE Transactions on Cybernetics, 2022, 52, 8481-8492. | 9.5 | 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 | Criticâ€only online adaptive learning based decentralized control schemes for nonlinear largeâ€scale systems. Optimal Control Applications and Methods, 0, , . | 2.1 | 1 |
| 48 | Output Consensus Regulation for State-Unmeasurable Discrete-Time Multiagent Systems with External Disturbances. Mathematical Problems in Engineering, 2015, 2015, 1-7. | 1.1 | 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. | 1.3 | 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. | 1.9 | 0 |