Kaiqing Zhang

List of Publications by Year
in descending order

17 papers	625 citations	933447 10 h-index	1058476 14 g-index
17 all docs	17 docs citations	17 times ranked	463 citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-Agent Reinforcement Learning: A Selective Overview of Theories and Algorithms. Studies in Systems, Decision and Control, 2021, , 321-384.	1.0	243
2	Dependency Analysis and Improved Parameter Estimation for Dynamic Composite Load Modeling. IEEE Transactions on Power Systems, 2017, 32, 3287-3297.	6.5	64
3	Networked Multi-Agent Reinforcement Learning in Continuous Spaces. , 2018, , .		64
4	Global Convergence of Policy Gradient Methods to (Almost) Locally Optimal Policies. SIAM Journal on Control and Optimization, 2020, 58, 3586-3612.	2.1	32
5	Decentralized multi-agent reinforcement learning with networked agents: recent advances. Frontiers of Information Technology and Electronic Engineering, 2021, 22, 802-814.	2.6	29
6	Optimal Joint Bidding and Pricing of Profit-Seeking Load Serving Entity. IEEE Transactions on Power Systems, 2018, 33, 5427-5436.	6.5	26
7	Dynamic operations and pricing of electric unmanned aerial vehicle systems and power networks. Transportation Research Part C: Emerging Technologies, 2018, 92, 472-485.	7.6	25
8	Policy Optimization for $\mathcal{H}_2$ Linear Control with $\mathcal{H}_\infty$ Robustness Guarantee: Implicit Regularization and Global Convergence. SIAM Journal on Control and Optimization, 2021, 59, 4081-4109.	2.1	25
9	Communication-Efficient Policy Gradient Methods for Distributed Reinforcement Learning. IEEE Transactions on Control of Network Systems, 2022, 9, 917-929.	3.7	21
10	Consumption Behavior Analytics-Aided Energy Forecasting and Dispatch. IEEE Intelligent Systems, 2017, 32, 59-63.	4.0	20
11	Dynamic Power Distribution System Management With a Locally Connected Communication Network. IEEE Journal on Selected Topics in Signal Processing, 2018, 12, 673-687.	10.8	19
12	A Communication-Efficient Multi-Agent Actor-Critic Algorithm for Distributed Reinforcement Learning. , 2019, , .		18
13	A Finite Sample Analysis of the Actor-Critic Algorithm. , 2018, , .		11
14	Projected Stochastic Primal-Dual Method for Constrained Online Learning With Kernels. IEEE Transactions on Signal Processing, 2019, 67, 2528-2542.	5.3	10
15	Finite-Sample Analysis for Decentralized Batch Multiagent Reinforcement Learning With Networked Agents. IEEE Transactions on Automatic Control, 2021, 66, 5925-5940.	5.7	10
16	Distributed learning of average belief over networks using sequential observations. Automatica, 2020, 115, 108857.	5.0	7
17	Finite-Sample Analysis For Decentralized Cooperative Multi-Agent Reinforcement Learning From Batch Data. IFAC-PapersOnLine, 2020, 53, 1049-1056.	0.9	1