

# Guannan Qu

## List of Publications by Year in descending order

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17  
papers

1,040  
citations

1040018

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1372553

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all docs

17  
docs citations

17  
times ranked

700  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reinforcement Learning for Selective Key Applications in Power Systems: Recent Advances and Future Challenges. IEEE Transactions on Smart Grid, 2022, 13, 2935-2958.	9.0	87
2	Scalable Reinforcement Learning for Multiagent Networked Systems. Operations Research, 2022, 70, 3601-3628.	1.9	5
3	Online Optimization With Predictions and Switching Costs: Fast Algorithms and the Fundamental Limit. IEEE Transactions on Automatic Control, 2021, 66, 4761-4768.	5.7	18
4	Distributed Voltage Control for Three-Phase Unbalanced Distribution Systems With DERs and Practical Constraints. IEEE Transactions on Industry Applications, 2021, 57, 6622-6633.	4.9	12
5	Accelerated Distributed Nesterov Gradient Descent. IEEE Transactions on Automatic Control, 2020, 65, 2566-2581.	5.7	107
6	Optimal Distributed Feedback Voltage Control Under Limited Reactive Power. IEEE Transactions on Power Systems, 2020, 35, 315-331.	6.5	76
7	Semi-global exponential stability of augmented primal-dual gradient dynamics for constrained convex optimization. Systems and Control Letters, 2020, 144, 104754.	2.3	15
8	Distributed Optimal Voltage Control for Three Phase Unbalanced Distribution Systems with DERs. , 2020, , .		4
9	On the Exponential Stability of Primal-Dual Gradient Dynamics. , 2019, 3, 43-48.		82
10	Voltage Control Using Limited Communication. IEEE Transactions on Control of Network Systems, 2019, 6, 993-1003.	3.7	27
11	Exploiting Fast Decaying and Locality in Multi-Agent MDP with Tree Dependence Structure. , 2019, , .		10
12	Optimal Scheduling of Battery Charging Station Serving Electric Vehicles Based on Battery Swapping. IEEE Transactions on Smart Grid, 2019, 10, 1372-1384.	9.0	105
13	An Optimal and Distributed Feedback Voltage Control Under Limited Reactive Power. , 2018, , .		5
14	Harnessing Smoothness to Accelerate Distributed Optimization. IEEE Transactions on Control of Network Systems, 2018, 5, 1245-1260.	3.7	363
15	Using Predictions in Online Optimization with Switching Costs: A Fast Algorithm and A Fundamental Limit. , 2018, , .		25
16	Accelerated Distributed Nesterov Gradient Descent for smooth and strongly convex functions. , 2016, , .		18
17	Real-time decentralized voltage control in distribution networks. , 2014, , .		81