

# Xuanyu Cao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7271752/publications.pdf>

Version: 2024-02-01

24  
papers

390  
citations

758635

12  
h-index

794141

19  
g-index

24  
all docs

24  
docs citations

24  
times ranked

355  
citing authors

#	ARTICLE	IF	CITATIONS
1	Decentralized Online Convex Optimization With Feedback Delays. IEEE Transactions on Automatic Control, 2022, 67, 2889-2904.	3.6	12
2	Frequency Reflection Modulation for Reconfigurable Intelligent Surface Aided OFDM Systems. IEEE Transactions on Wireless Communications, 2022, 21, 9381-9393.	6.1	4
3	Distributed Constrained Online Convex Optimization Over Multiple Access Fading Channels. IEEE Transactions on Signal Processing, 2022, 70, 3468-3483.	3.2	2
4	Constrained Online Convex Optimization With Feedback Delays. IEEE Transactions on Automatic Control, 2021, 66, 5049-5064.	3.6	17
5	Distributed Newton's Method for Network Cost Minimization. IEEE Transactions on Automatic Control, 2021, 66, 1278-1285.	3.6	12
6	Online Stochastic Optimization With Time-Varying Distributions. IEEE Transactions on Automatic Control, 2021, 66, 1840-1847.	3.6	5
7	Differentially Private ADMM for Regularized Consensus Optimization. IEEE Transactions on Automatic Control, 2021, 66, 3718-3725.	3.6	8
8	Decentralized Online Convex Optimization With Event-Triggered Communications. IEEE Transactions on Signal Processing, 2021, 69, 284-299.	3.2	34
9	Decentralized online convex optimization based on signs of relative states. Automatica, 2021, 129, 109676.	3.0	17
10	Decentralized Multi-Agent Stochastic Optimization With Pairwise Constraints and Quantized Communications. IEEE Transactions on Signal Processing, 2020, 68, 3296-3311.	3.2	14
11	Dynamic Sharing Through the ADMM. IEEE Transactions on Automatic Control, 2020, 65, 2215-2222.	3.6	3
12	On the Time-Varying Distributions of Online Stochastic Optimization. , 2019, , .		2
13	Online Convex Optimization With Time-Varying Constraints and Bandit Feedback. IEEE Transactions on Automatic Control, 2019, 64, 2665-2680.	3.6	46
14	Data Center Demand Response With On-Site Renewable Generation: A Bargaining Approach. IEEE/ACM Transactions on Networking, 2018, 26, 2707-2720.	2.6	25
15	A Virtual-Queue-Based Algorithm for Constrained Online Convex Optimization With Applications to Data Center Resource Allocation. IEEE Journal on Selected Topics in Signal Processing, 2018, 12, 703-716.	7.3	21
16	On the Time-Varying Constraints and Bandit Feedback of Online Convex Optimization. , 2018, , .		3
17	An Optimal Auction Mechanism for Mobile Edge Caching. , 2018, , .		37
18	Joint Energy Procurement and Demand Response Towards Optimal Deployment of Renewables. IEEE Journal on Selected Topics in Signal Processing, 2018, 12, 657-672.	7.3	2

#	ARTICLE	IF	CITATIONS
19	Distributed Linearized ADMM for Network Cost Minimization. IEEE Transactions on Signal and Information Processing Over Networks, 2018, 4, 626-638.	1.6	13
20	A Graphical Evolutionary Game Approach to Social Learning. IEEE Signal Processing Letters, 2017, 24, 765-769.	2.1	3
21	Decentralized Sparse Multitask RLS Over Networks. IEEE Transactions on Signal Processing, 2017, 65, 6217-6232.	3.2	18
22	A data analytic approach to quantifying scientific impact. Journal of Informetrics, 2016, 10, 471-484.	1.4	43
23	Evolutionary Information Diffusion over Heterogeneous Social Networks. IEEE Transactions on Signal and Information Processing Over Networks, 2016, , 1-1.	1.6	25
24	Joint Estimation of Clock Skew and Offset in Pairwise Broadcast Synchronization Mechanism. IEEE Transactions on Communications, 2013, 61, 2508-2521.	4.9	24