

# Jie Lu

## List of Publications by Year in descending order

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20  
papers

441  
citations

1684188

5  
h-index

1474206

9  
g-index

20  
all docs

20  
docs citations

20  
times ranked

306  
citing authors

#	ARTICLE	IF	CITATIONS
1	Zero-Gradient-Sum Algorithms for Distributed Convex Optimization: The Continuous-Time Case. IEEE Transactions on Automatic Control, 2012, 57, 2348-2354.	5.7	262
2	Gossip Algorithms for Convex Consensus Optimization Over Networks. IEEE Transactions on Automatic Control, 2011, 56, 2917-2923.	5.7	83
3	Fenchel Dual Gradient Methods for Distributed Convex Optimization Over Time-Varying Networks. IEEE Transactions on Automatic Control, 2019, 64, 4629-4636.	5.7	26
4	A Distributed Algorithm for Solving Positive Definite Linear Equations Over Networks With Membership Dynamics. IEEE Transactions on Control of Network Systems, 2018, 5, 215-227.	3.7	24
5	Fenchel dual gradient methods for distributed convex optimization over time-varying networks. , 2017, , .		8
6	Distributed Optimization With Coupling Constraints. IEEE Transactions on Automatic Control, 2023, 68, 1847-1854.	5.7	7
7	A Second-Order Proximal Algorithm for Consensus Optimization. IEEE Transactions on Automatic Control, 2021, 66, 1864-1871.	5.7	5
8	Relaxed connected dominating set problem with application to secure power network design. , 2017, , .		5
9	Distributed Optimization Over Time-Varying Networks With Minimal Connectivity. , 2020, 4, 536-541.		4
10	Decentralized Statistical Inference with Unrolled Graph Neural Networks. , 2021, , .		3
11	Deterministic coordinate descent algorithms for smooth convex optimization. , 2017, , .		2
12	An Approximately-Zero-Gradient-Sum Algorithm for Consensus Optimization. , 2018, , .		2
13	Finite-Time-Consensus-Based Methods for Distributed optimization. , 2019, , .		2
14	A Distributed Proximal Primal-Dual Algorithm for Nonsmooth Optimization with Coupling Constraints. , 2020, , .		2
15	A Unifying Approximate Method of Multipliers for Distributed Composite Optimization. IEEE Transactions on Automatic Control, 2023, 68, 2154-2169.	5.7	2
16	Distributed Fenchel Dual Gradient Methods Enabling a Smoothing Technique for Nonsmooth Optimization. , 2018, , .		1
17	Improved Convergence Rates of P-EXTRA for Non-smooth Distributed optimization. , 2019, , .		1
18	Decentralized Approximate Newton Methods for Convex Optimization on Networked Systems. IEEE Transactions on Control of Network Systems, 2021, 8, 1489-1500.	3.7	1

#	ARTICLE	IF	CITATIONS
19	Relaxed Connected Dominating Set Problem for Power System Cyber-Physical Security. IEEE Transactions on Control of Network Systems, 2022, 9, 1780-1792.	3.7	1
20	An Inexact Fenchel Dual Gradient Algorithm for Distributed Optimization. , 2020, , .		0