

# Kun Yuan

## List of Publications by Year in descending order

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32  
papers

1,412  
citations

687363

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888059

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g-index

32  
all docs

32  
docs citations

32  
times ranked

934  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Byzantine-Resilient Dual Subgradient Method for Vertical Federated Learning. , 2022, , .		1
2	A Unified and Refined Convergence Analysis for Non-Convex Decentralized Learning. IEEE Transactions on Signal Processing, 2022, 70, 3264-3279.	5.3	6
3	Decentralized Proximal Gradient Algorithms With Linear Convergence Rates. IEEE Transactions on Automatic Control, 2021, 66, 2787-2794.	5.7	41
4	Multiagent Fully Decentralized Value Function Learning With Linear Convergence Rates. IEEE Transactions on Automatic Control, 2021, 66, 1497-1512.	5.7	14
5	DecentLaM: Decentralized Momentum SGD for Large-batch Deep Training. , 2021, , .		4
6	A Proximal Diffusion Strategy for Multiagent Optimization With Sparse Affine Constraints. IEEE Transactions on Automatic Control, 2020, 65, 4554-4567.	5.7	15
7	On the Influence of Bias-Correction on Distributed Stochastic Optimization. IEEE Transactions on Signal Processing, 2020, 68, 4352-4367.	5.3	24
8	Can Primal Methods Outperform Primal-Dual Methods in Decentralized Dynamic Optimization?. IEEE Transactions on Signal Processing, 2020, 68, 4466-4480.	5.3	16
9	Walkman: A Communication-Efficient Random-Walk Algorithm for Decentralized Optimization. IEEE Transactions on Signal Processing, 2020, 68, 2513-2528.	5.3	22
10	Variance-Reduced Stochastic Learning Under Random Reshuffling. IEEE Transactions on Signal Processing, 2020, 68, 1390-1408.	5.3	6
11	Distributed Value-Function Learning with Linear Convergence Rates. , 2019, , .		6
12	COVER: A Cluster-based Variance Reduced Method for Online Learning. , 2019, , .		3
13	Dynamic Average Diffusion With Randomized Coordinate Updates. IEEE Transactions on Signal and Information Processing Over Networks, 2019, 5, 753-767.	2.8	4
14	On the Comparison between Primal and Primal-dual Methods in Decentralized Dynamic Optimization. , 2019, , .		1
15	Decentralized Dynamic ADMM with Quantized and Censored Communications. , 2019, , .		13
16	Exact Diffusion for Distributed Optimization and Learningâ€™Part I: Algorithm Development. IEEE Transactions on Signal Processing, 2019, 67, 708-723.	5.3	102
17	Stochastic Learning Under Random Reshuffling With Constant Step-Sizes. IEEE Transactions on Signal Processing, 2019, 67, 474-489.	5.3	13
18	Exact Diffusion for Distributed Optimization and Learningâ€™Part II: Convergence Analysis. IEEE Transactions on Signal Processing, 2019, 67, 724-739.	5.3	52

#	ARTICLE	IF	CITATIONS
19	Supervised Learning Under Distributed Features. IEEE Transactions on Signal Processing, 2019, 67, 977-992.	5.3	32
20	Variance-Reduced Stochastic Learning by Networked Agents Under Random Reshuffling. IEEE Transactions on Signal Processing, 2019, 67, 351-366.	5.3	39
21	Decentralized Consensus Optimization With Asynchrony and Delays. IEEE Transactions on Signal and Information Processing Over Networks, 2018, 4, 293-307.	2.8	55
22	AN EXPONENTIALLY CONVERGENT ALGORITHM FOR LEARNING UNDER DISTRIBUTED FEATURES. , 2018, , .		2
23	Efficient Variance-Reduced Learning Over Multi-Agent Networks. , 2018, , .		2
24	Decentralized exact coupled optimization. , 2017, , .		6
25	On the performance of random reshuffling in stochastic learning. , 2017, , .		3
26	Exact diffusion strategy for optimization by networked agents. , 2017, , .		6
27	Decentralized consensus optimization with asynchrony and delays. , 2016, , .		17
28	Online dual coordinate ascent learning. , 2016, , .		0
29	On the Convergence of Decentralized Gradient Descent. SIAM Journal on Optimization, 2016, 26, 1835-1854.	2.0	340
30	Stochastic gradient descent with finite samples sizes. , 2016, , .		16
31	On the influence of momentum acceleration on online learning. , 2016, , .		5
32	On the Linear Convergence of the ADMM in Decentralized Consensus Optimization. IEEE Transactions on Signal Processing, 2014, 62, 1750-1761.	5.3	546