

# Ahmed Samir Zamzam

## List of Publications by Year in descending order

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34  
papers

632  
citations

1163117

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h-index

1058476

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g-index

34  
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34  
docs citations

34  
times ranked

532  
citing authors

#	ARTICLE	IF	CITATIONS
1	Large Scale Tensor Factorization via Parallel Sketches. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 365-378.	5.7	6
2	Learning-Accelerated ADMM for Distributed DC Optimal Power Flow. , 2022, 6, 1-6.		17
3	Efficient Region of Attraction Characterization for Control and Stabilization of Load Tap Changer Dynamics. IEEE Transactions on Control of Network Systems, 2022, 9, 1506-1517.	3.7	2
4	Multiarea Distribution System State Estimation via Distributed Tensor Completion. IEEE Transactions on Smart Grid, 2022, 13, 4887-4898.	9.0	3
5	PowerGridworld. , 2022, , .		5
6	OPF-Learn: An Open-Source Framework for Creating Representative AC Optimal Power Flow Datasets. , 2022, , .		2
7	Model-Free State Estimation Using Low-Rank Canonical Polyadic Decomposition. , 2021, 5, 605-610.		4
8	Cell-Edge Detection via Selective Cooperation and Generalized Canonical Correlation. IEEE Transactions on Wireless Communications, 2021, 20, 7431-7444.	9.2	5
9	Multi-Area Distribution System State Estimation Using Decentralized Physics-Aware Neural Networks. Energies, 2021, 14, 3025.	3.1	16
10	Network-Cognizant Time-Coupled Aggregate Flexibility of Distribution Systems Under Uncertainties. , 2021, , .		2
11	Substation-Level Grid Topology Optimization Using Bus Splitting. , 2021, , .		2
12	Enhancement of Distribution System State Estimation Using Pruned Physics-Aware Neural Networks. , 2021, , .		5
13	Exactness of OPF Relaxation on Three-Phase Radial Networks With Delta Connections. IEEE Transactions on Smart Grid, 2021, 12, 3232-3241.	9.0	6
14	Resampling and data augmentation for short-term PV output prediction based on an imbalanced sky images dataset using convolutional neural networks. Solar Energy, 2021, 224, 341-354.	6.1	37
15	Network-Cognizant Time-Coupled Aggregate Flexibility of Distribution Systems Under Uncertainties. , 2021, 5, 1723-1728.		15
16	Physics-Aware Neural Networks for Distribution System State Estimation. IEEE Transactions on Power Systems, 2020, 35, 4347-4356.	6.5	96
17	Learning Optimal Solutions for Extremely Fast AC Optimal Power Flow. , 2020, , .		56
18	Phased. , 2020, , .		1

#	ARTICLE	IF	CITATIONS
19	Multi-Area Model-Free State Estimation via Distributed Tensor Decomposition. , 2020, , .		1
20	Coupled Graph and Tensor Factorization for Recommender Systems and Community Detection. IEEE Transactions on Knowledge and Data Engineering, 2019, , 1-1.	5.7	26
21	Data-Driven Learning-Based Optimization for Distribution System State Estimation. IEEE Transactions on Power Systems, 2019, 34, 4796-4805.	6.5	113
22	Energy Storage Management via Deep Q-Networks. , 2019, , .		6
23	Optimal Waterâ€“Power Flow-Problem: Formulation and Distributed Optimal Solution. IEEE Transactions on Control of Network Systems, 2019, 6, 37-47.	3.7	72
24	Power System State Estimation via Feasible Point Pursuit: Algorithms and CramÃ©r-Rao Bound. IEEE Transactions on Signal Processing, 2018, 66, 1649-1658.	5.3	30
25	Beyond Relaxation and Newtonâ€“Raphson: Solving AC OPF for Multi-Phase Systems With Renewables. IEEE Transactions on Smart Grid, 2018, 9, 3966-3975.	9.0	47
26	Optimal Distributed Energy Storage Management Using Relaxed Dantzig-Wolfe Decomposition. , 2018, , .		4
27	Learning-Based Antenna Selection for Multicasting. , 2018, , .		25
28	ParaSketch: Parallel Tensor Factorization via Sketching. , 2018, , 396-404.		9
29	Distributed optimal power flow using feasible point pursuit. , 2017, , .		3
30	Decentralized power system state estimation via non-convex multi-agent optimization. , 2017, , .		1
31	Coupled graph tensor factorization. , 2016, , .		4
32	Power system state estimation via feasible point pursuit. , 2016, , .		5
33	On the Degrees of Freedom of the Two-Cell Two-Hop MIMO Network With Dedicated and Shared Relays. IEEE Transactions on Wireless Communications, 2015, 14, 6738-6751.	9.2	5
34	Degrees of freedom for a two-cell relay network with soft handoffs. , 2014, , .		1