

# Sleiman Mhanna

## List of Publications by Year in descending order

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18  
papers

568  
citations

933447

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1199594

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all docs

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docs citations

18  
times ranked

616  
citing authors

#	ARTICLE	IF	CITATIONS
1	Iterative LP-Based Methods for the Multiperiod Optimal Electricity and Gas Flow Problem. IEEE Transactions on Power Systems, 2022, 37, 153-166.	6.5	9
2	An Exact Sequential Linear Programming Algorithm for the Optimal Power Flow Problem. IEEE Transactions on Power Systems, 2022, 37, 666-679.	6.5	26
3	Coordinated operation of electricity and gas-hydrogen systems with transient gas flow and hydrogen concentration tracking. Electric Power Systems Research, 2022, 211, 108499.	3.6	7
4	Fair coordination of distributed energy resources with Volt-Var control and PV curtailment. Applied Energy, 2021, 286, 116546.	10.1	44
5	Integrated electricity and gas system modelling with hydrogen injections and gas composition tracking. Applied Energy, 2021, 303, 117598.	10.1	33
6	Towards a transactive energy system for integration of distributed energy resources: Home energy management, distributed optimal power flow, and peer-to-peer energy trading. Renewable and Sustainable Energy Reviews, 2020, 132, 110000.	16.4	144
7	Practical Considerations of DER Coordination with Distributed Optimal Power Flow. , 2020, , .		6
8	Energizing Demand Side Participation. , 2019, , 115-181.		0
9	Adaptive ADMM for Distributed AC Optimal Power Flow. IEEE Transactions on Power Systems, 2019, 34, 2025-2035.	6.5	77
10	A Faithful and Tractable Distributed Mechanism for Residential Electricity Pricing. IEEE Transactions on Power Systems, 2018, 33, 4238-4252.	6.5	16
11	Component-based dual decomposition methods for the OPF problem. Sustainable Energy, Grids and Networks, 2018, 16, 91-110.	3.9	22
12	Optimal HVAC scheduling using phase-change material as a demand response resource. , 2017, , .		3
13	A Distributed Algorithm for Demand Response With Mixed-Integer Variables. IEEE Transactions on Smart Grid, 2016, 7, 1754-1755.	9.0	15
14	A Fast Distributed Algorithm for Large-Scale Demand Response Aggregation. IEEE Transactions on Smart Grid, 2016, 7, 2094-2107.	9.0	97
15	Tight LP approximations for the optimal power flow problem. , 2016, , .		9
16	A Faithful Distributed Mechanism for Demand Response Aggregation. IEEE Transactions on Smart Grid, 2016, 7, 1743-1753.	9.0	47
17	Towards a realistic implementation of mechanism design in demand response aggregation. , 2014, , .		11
18	Guidelines for realistic grounding of mechanism design in demand response. , 2014, , .		2