

# Mehrdad Aghamohamadi

## List of Publications by Year in descending order

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18  
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times ranked

177  
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-Stage Robust Sizing and Operation Co-Optimization for Residential PV&#x2013;Battery Systems Considering the Uncertainty of PV Generation and Load. IEEE Transactions on Industrial Informatics, 2021, 17, 1005-1017.	11.3	59
2	From bidding strategy in smart grid toward integrated bidding strategy in smart multi-energy systems, an adaptive robust solution approach. Energy, 2019, 183, 75-91.	8.8	34
3	A novel approach to multi energy system operation in response to DR programs; an application to incentive-based and time-based schemes. Energy, 2018, 156, 534-547.	8.8	30
4	Energy generation cost in multi-energy systems; an application to a non-merchant energy hub in supplying price responsive loads. Energy, 2018, 161, 878-891.	8.8	26
5	A linearized energy hub operation model at the presence of uncertainties: An adaptive robust solution approach. International Transactions on Electrical Energy Systems, 2020, 30, e12193.	1.9	14
6	Robust Allocation of Residential Solar Photovoltaic Systems Paired with Battery Units in South Australia. , 2019, , .		12
7	Adaptive Robust Recourse-Based Bidding Strategy and Capacity Allocation of PV-WT-BES Owning Prosumers Under Uncertainties. IEEE Transactions on Industry Applications, 2021, 57, 4170-4186.	4.9	12
8	Modelling and optimisation for costly efficiency improvements on residential appliances considering consumer's income level. IET Generation, Transmission and Distribution, 2017, 11, 3992-4001.	2.5	9
9	Two-stage Robust Management of PEV Parking Lots Coupled with Multi-energy Prosumers under Load and Energy Market Uncertainty. , 2020, , .		6
10	Optimal time period clustering of time&#x2013;of&#x2013;use schemes based on elastic loads' responsiveness. International Transactions on Electrical Energy Systems, 2020, 30, e12275.	1.9	3
11	A Novel Directly-solvable Non-iterative Load Flow Model for Radial Distribution System Studies. , 2020, , .		3
12	Proposing New Analytical Competitiveness Indices to Assess Total Electricity Market Deviation Possibility. , 2020, , .		3
13	A Block-Coordinate-Descent Robust Approach to Incentive-Based Integrated Demand Response in Managing Multienergy Hubs With Must-Run Processes. IEEE Transactions on Industry Applications, 2022, 58, 2352-2368.	4.9	3
14	Block-Coordinate-Descent Adaptive Robust Operation of Industrial Multi-layout Energy hubs under Uncertainty. Electric Power Systems Research, 2022, 212, 108334.	3.6	2
15	Review on the State-of-the-art Operation and Planning of Electric Vehicle Charging Stations in Electricity Distribution Systems. , 2021, , .		1
16	Recourse-based BCD Robust Integrated Bidding Strategy for Multi-energy Systems under Uncertainties of Load and Energy Prices. , 2021, , .		0
17	A New General Multi-layout Energy Hub Management Model for Industrial and Commercial Multi-energy Systems with Complex Configurations. , 2021, , .		0
18	Block Coordinate Decent Robust Bidding Strategy of a Solar Photovoltaic coupled Energy Storage System operating in a Day-ahead Market. , 2021, , .		0