Salah Bahramara

List of Publications by Year
in descending order

38 papers	**1,239** citations	304368 **22** h-index	377514 **34** g-index
39 all docs	**39** docs citations	**39** times ranked	**843** citing authors

#	Article	IF	Citations
1	Optimal sizing of hybrid renewable energy systems in presence of electric vehicles using multi-objective particle swarm optimization. Energy, 2020, 209, 118471.	4.5	104
2	Tri-objective optimal scheduling of smart energy hub system with schedulable loads. Journal of Cleaner Production, 2019, 236, 117584.	4.6	86
3	Tri-objective scheduling of residential smart electrical distribution grids with optimal joint of responsive loads with renewable energy sources. Journal of Energy Storage, 2020, 27, 101112.	3.9	84
4	Modelling hierarchical decision making framework for operation of active distribution grids. IET Generation, Transmission and Distribution, 2015, 9, 2555-2564.	1.4	67
5	Modeling the Strategic Behavior of a Distribution Company in Wholesale Energy and Reserve Markets. IEEE Transactions on Smart Grid, 2018, 9, 3857-3870.	6.2	66
6	Stochastic energy management in a renewable energy-based microgrid considering demand response program. International Journal of Electrical Power and Energy Systems, 2021, 129, 106791.	3.3	60
7	Robust optimization of micro-grids operation problem in the presence of electric vehicles. Sustainable Cities and Society, 2018, 37, 388-395.	5.1	58
8	Comprehensive review on the decision-making frameworks referring to the distribution network operation problem in the presence of distributed energy resources and microgrids. International Journal of Electrical Power and Energy Systems, 2020, 115, 105466.	3.3	54
9	Multi-objective performance of smart hybrid energy system with Multi-optimal participation of customers in day-ahead energy market. Energy and Buildings, 2020, 216, 109964.	3.1	49
10	A Risk-Based Decision Framework for the Distribution Company in Mutual Interaction With the Wholesale Day-Ahead Market and Microgrids. IEEE Transactions on Industrial Informatics, 2020, 16, 764-778.	7.2	44
11	Co-optimization of energy and reserve in standalone micro-grid considering uncertainties. Energy, 2019, 176, 792-804.	4.5	42
12	Day-ahead scheduling problem of smart micro-grid with high penetration of wind energy and demand side management strategies. Sustainable Energy Technologies and Assessments, 2020, 40, 100747.	1.7	41
13	Internet-of-things-based optimal smart city energy management considering shiftable loads and energy storage. Journal of Cleaner Production, 2020, 264, 121620.	4.6	41
14	Improved harmony search algorithm for electrical distribution network expansion planning in the presence of distributed generators. Energy, 2018, 151, 178-202.	4.5	38
15	Bi-level optimization model for the coordination between transmission and distribution systems interacting with local energy markets. International Journal of Electrical Power and Energy Systems, 2021, 124, 106392.	3.3	37
16	A two-level model for the participation of microgrids in energy and reserve markets using hybrid stochastic-IGDT approach. International Journal of Electrical Power and Energy Systems, 2020, 119, 105977.	3.3	36
17	Energy management of a smart autonomous electrical grid with a hydrogen storage system. International Journal of Hydrogen Energy, 2021, 46, 17608-17626.	3.8	34
18	Multi-objectives Optimal Scheduling in Smart Energy Hub System with Electrical and Thermal Responsive Loads. Environmental and Climate Technologies, 2020, 24, 209-232.	0.5	32

#	Article	IF	Citations
19	Optimal thermal and electrical operation of the hybrid energy system using interval optimization approach. Applied Thermal Engineering, 2020, 169, 114993.	3.0	30
20	Risk-Based Two-Stage Stochastic Optimization Problem of Micro-Grid Operation with Renewables and Incentive-Based Demand Response Programs. Energies, 2018, 11, 610.	1.6	28
21	Optimal scheduling of intelligent parking lot using interval optimization method in the presence of the electrolyser and fuel cell as hydrogen storage system. International Journal of Hydrogen Energy, 2019, 44, 24997-25009.	3.8	28
22	Multi-objective operation of smart stand-alone microgrid with the optimal performance of customers to improve economic and technical indices. Journal of Energy Storage, 2020, 31, 101738.	3.9	27
23	Interval multi-objective optimization of hydrogen storage based intelligent parking lot of electric vehicles under peak demand management. Journal of Energy Storage, 2020, 27, 101123.	3.9	20
24	Modeling operation problem of active distribution networks with retailers and microgrids: A multi-objective bi-level approach. Applied Soft Computing Journal, 2020, 94, 106484.	4.1	17
25	Electricity supply chain coordination: Newsvendor model for optimal contract design. Journal of Cleaner Production, 2021, 278, 123368.	4.6	15
26	Energy management modeling for a community-based electric vehicle parking lots in a power distribution grid. Journal of Energy Storage, 2021, 38, 102531.	3.9	15
27	Optimal operation of the energy hubs in the islanded multi-carrier energy system using Cournot model. Applied Thermal Engineering, 2021, 191, 116837.	3.0	12
28	Flexible and robust distribution network expansion planning in the presence of distributed generators. International Transactions on Electrical Energy Systems, 2018, 28, e2637.	1.2	10
29	Risk management model for simultaneous participation of a distribution company in Day-ahead and Real-time markets. Sustainable Energy, Grids and Networks, 2020, 21, 100292.	2.3	9
30	Multi-Microgrids Operation With Interruptible Loads in Local Energy and Reserve Markets. IEEE Systems Journal, 2023, 17, 1292-1303.	2.9	9
31	Day-ahead self-scheduling from risk-averse microgrid operators to provide reserves and flexible ramping ancillary services. International Journal of Electrical Power and Energy Systems, 2022, 142, 108381.	3.3	9
32	Modeling the Microgrid Operator Participation in Day-Ahead Energy and Reserve Markets Considering Stochastic Decisions in the Real-Time Market. IEEE Transactions on Industry Applications, 2022, 58, 5747-5762.	3.3	8
33	Modeling Local Energy Market for Energy Management of Multi-Microgrids. , 2020, , .		6
34	Flexibility-constrained operation scheduling of active distribution networks. International Journal of Electrical Power and Energy Systems, 2021, 131, 107061.	3.3	5
35	Optimal Operation of Distribution Networks through Clearing Local Day-ahead Energy Market. , 2019, , .		3
36	Information Gap Decision Theory-Based Approach for Modeling Operation Problem of a Grid-Connected Micro-Grid With Uncertainties. , 2019, , .		1

#	Article	IF	Citations
37	Co-optimization of Microgrid's bids in Day-ahead Energy and Reserve Markets Considering Stochastic Decisions in a Real-time Market. , 2021, , .		1
38	Modeling the risk-based decisions of the microgrid in day-ahead energy and reserve markets considering stochastic dispatching of electrical and thermal energy storages. Energy Conversion and Management: X, 2022, 14, 100201.	0.9	0